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Contents

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Stirrers, Hotplates, and Stirring Hotplates

Stirrers

Description	Surface Material	Surface Dimensions	Speed	Voltage (Plug Style)	Cat. No.
Fisherbrand™ RT Basic Magnetic Stirrer	Polypropylene	Dia: 4.7 in. (12 cm)	150 to 2,500 rpm	120 V (U.S.)	11-676-263
				120–240 V (Various)	11-676-264
		Dia: 6.7 in. (17 cm)		120 V (U.S.)	11-676-265
				120–240 V (Various)	11-676-266
		Dia: 8.7 in. (22 cm)		120 V (U.S.)	11-676-267
				120–240 V (Various)	11-676-268
Fisherbrand™ Magnetic Stirrer	Porcelain	4 x 4 in. (10 x 10 cm)	250 to 2,500 rpm	120 V (U.S.)	11-520-16S
		7 x 7 in. (18 x 18 cm)			11-520-49S
Fisherbrand™ Isotemp™ Stirrer*	Ceramic	4.25 x 4.25 in. (10.8 x 10.8 cm)	50 to 1,500 rpm	120 V (U.S.)	S88854200
				230 V (EU)	S88854205
		7.25 x 7.25 in. (18.4 x 18.4 cm)		120 V (U.S.)	S88857200
				230 V (EU)	S88857205
		10.25 x 10.25 in. (26 x 26 cm)		120 V (U.S.)	S88850200
				230 V (EU)	S88850205
Fisherbrand™ Isotemp™ Advanced Stirrer*	Ceramic	7.25 x 7.25 in. (18.4 x 18.4 cm)	50 to 1,500 rpm	120 V (U.S.)	S88857290
Fisherbrand™ Isotemp™ Stirrer*	Ceramic	4.25 x 4.25 in. (10.8 x 10.8 cm)	50 to 1,500 rpm	120 V (U.S.)	S88854200
Fisherbrand™ Ultra-Thin Magnetic Digital Stirrer	Polyester	Dia.: 3.7 in. (9.4 cm)	15 to 1,500 rpm	100–230 V (U.S.)	14-955-149
Fisherbrand™ Mini Stirrer, Bacteria Design	Nylon	Dia.: 3.3 in. (8.3 cm)	350 to 2,000 rpm	120 V (U.S.)	11-510-50
Fisherbrand™ Mini Stirrer, Caffeine Design					11-510-51
Fisherbrand™ Mini Stirrer, Alchemy Design					11-510-52
Fisherbrand™ Mini Stirrer, DNA Design					11-510-53
Fisherbrand™ Mini Stirrer, Periodic Table Design					11-510-54
Fisherbrand™ Mini Stirrer, Crystals Design					11-510-55
Fisherbrand™ Magnetic Stirrer with Water-/Air-Driven Turbines (Non-Electric)	Plastic	Dia.: 5 in. (12.7 cm)	800 rpm	N/A	14-511-210

*Includes stir bar

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Hotplates

Description	Surface Material	Surface Dimensions	Temperature Range	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Isotemp™ Hot Plate	Ceramic	4.25 x 4.25 in. (10.8 x 10.8 cm)	Ambient to 540°C	120 V (U.S.)	HP88854200
				230 V (EU)	HP88854205
Fisherbrand™ Isotemp™ Hot Plate	Ceramic	7.25 x 7.25 in. (18.4 x 18.4 cm)	Ambient to 540°C	120 V (U.S.)	HP88857200
Fisherbrand™ Isotemp™ Hot Plate, with PT100 SS Temperature Probe	Ceramic	7.25 x 7.25 in. (18.4 x 18.4 cm)	Ambient to 450°C	120 V (U.S.)	HP88857290
Fisherbrand™ Isotemp™ Hot Plate	Ceramic	10.25 x 10.25 in. (26 x 26 cm)	Ambient to 400°C	120 V (U.S.)	HP88850200
				230 V (EU)	HP88850205

Stirring Hotplates

Description	Surface Material	Surface Dimensions	Speed	Temperature Range	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Isotemp™ Hot Plate Stirrer*	Ceramic	4.25 x 4.25 in. (10.8 x 10.8 cm)	50 to 1,500 rpm	Ambient to 540°C	120 V (U.S.)	SP88854200
					230 V (EU)	SP88854205
Fisherbrand™ Isotemp™ Hot Plate Stirrer*	Ceramic	7.25 x 7.25 in. (18.4 x 18.4 cm)	50 to 1,500 rpm	Ambient to 540°C	120 V (U.S.)	SP88857200
					230 V (EU)	SP88857205
Fisherbrand™ Isotemp™ Hot Plate Stirrer*	Aluminum	7.25 x 7.25 in. (18.4 x 18.4 cm)	50 to 1,500 rpm	Ambient to 300°C	120 V (U.S.)	SP88857204
					230 V (EU)	SP88857208
Fisherbrand™ Isotemp™ Hot Plate Stirrer*	Ceramic	10.25 x 10.25 in. (26 x 26 cm)	50 to 1,500 rpm	Ambient to 400°C	120 V (U.S.)	SP88850200
					230 V (EU)	SP88850205
Fisherbrand™ Isotemp™ Advanced Hot Plate Stirrer**	Ceramic	7.25 x 7.25 in. (18.4 x 18.4 cm)	50 to 1,500 rpm	Ambient to 450°C	120 V (U.S.)	SP88857290
	Aluminum			Ambient to 300°C	120 V (U.S.)	SP88857294
	Ceramic			Ambient to 450°C	230 V (EU)	SP88857295

*Includes stir bar
**Includes stainless-steel PT100 temperature probe, stir bar, supporting rod, and clamp kit

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Shakers, Mixers, and Rotators

Vortex Mixers

Description	Speed	Orbit	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Analog Vortex Mixer	300 to 3,200 rpm	4.9 mm	120 V (U.S.)	**02-215-414**
			230 V (International)	**02-215-415**
Fisherbrand™ Digital Vortex Mixer	500 to 3,000 rpm	4.9 mm	120 V (U.S.)	**02-215-418**
			230 V (International)	**02-215-419**
Fisherbrand™ Touch Mini Vortex Mixer	2,800 rpm	4.5 mm	120 V (U.S.)	**14-955-151**
			230 V (International)	**14-955-152**
Fisherbrand™ Analog Multi-Tube Vortex Mixer	1,200 to 2,400 rpm	3.6 mm	120 V (U.S.)	**02-215-450**
Fisherbrand™ Digital Multi-Tube Vortex Mixer	1,200 to 2,500 rpm	3.6 mm	120 V (U.S.)	**02-215-452**
Fisherbrand™ Variable Speed Mini Vortex Mixer	500 to 2,800 rpm	4.5 mm	115 V (?)	**14-955-163**
Fisherbrand™ Fixed Speed Vortex Mixer	3,200 rpm	4.9 mm	120 V (U.S.)	**02-215-410**
			230 V (International)	**02-215-411**
Fisherbrand™ Microplate Standard Vortex Mixer	300 to 2,500 rpm	3.5 mm	120 V (U.S.)	**02-216-100**
Fisherbrand™ Microplate Advanced Vortex Mixer	300 to 2,500 rpm	3.9 mm	120 V (U.S.)	**02-216-101**
Fisherbrand™ Heavy-Duty Standard Vortex Mixer	300 to 2,500 rpm	4.9 mm	120 V (U.S.)	**02-216-108**
Fisherbrand™ Heavy-Duty Digital Vortex Mixer			120 V (U.S.)	**02-216-109**
Fisherbrand™ Pulsing Vortex Mixer	500 to 3,000 rpm	2.5 mm	120 V (U.S.)	**02-215-422**
Fisherbrand™ Analog Vortex Mixer with Single Tube Holder	300 to 3,200 rpm	4.9 mm	120 V (U.S.)	**02-215-430**

Rocking Benchtop Shakers

Description	Surface Dimensions	Speed	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Multi-Platform Shaker, Orbit: 10 mm (0.4 in.)	31 x 28 cm (12 x 11 in.)	50 to 450 rpm	100–240 V (U.S.)	**88-861-021**
			100–240 V (International)	**88-861-022**
Fisherbrand™ Microplate Shaker with 4-Place Platform, Orbit: 2.5 mm (0.1 in)	32 x 26 cm (12.6 x 10.2 in.)	150 to 1,000 rpm	100–240 V (U.S.)	**88-861-023**
			100–240 V (International)	**88-861-024**
Fisherbrand™ Open-Air Rocking Shaker, Angle: 0 to 15°	25.4 x 32.4 cm (10 x 12.75 in.)	1 to 50 rpm	120 V (U.S.)	**02-217-765**
Fisherbrand™ Open Air Rocker, Angle: 1 to 15°	30.6 x 26.6 cm (12 x 10.5 in.)	1 to 50 rpm	100–240 V (U.S.)	**88-861-025**
			100–240 V (International)	**88-861-026**

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Description	Surface Dimensions	Speed	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Nutating Mixer, Variable Speed, Angle: 20°	27 x 30.5 cm (10.5 x 12 in.)	2 to 60 rpm	100–240V (U.S.)	**88-861-043**
			100–240V (International)	**88-861-044**
Fisherbrand™ Nutating Mixer, Fixed Speed, Angle: 20°	30.6 x 26.6 cm (12 x 10.5 in.)	20 rpm	110V (U.S.)	**88-861-041**
		18 rpm	220V (International)	**88-861-042**
Fisherbrand™ Wave Motion Shaker, Angle: 0 to 12°	31 x 27 cm (12 x 10.5 in.)	5 to 120 rpm	100–240V (U.S.)	**88-861-027**
			100–240V (International)	**88-861-028**

Incubated Platform Shakers

Description	Surface Dimensions	Speed	Temperature Range	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Incubating Rocker, Angle: 0 to 15°	10 x 7.5 in. (25.4 x 19 cm)	1 to 50 rpm	Ambient + 5° to 65°C	120 V (U.S.)	**02-217-761**
Fisherbrand™ Incubating Mini-Shaker, Triple-Eccentric Drive	11 x 7.75 in. (27.9 x 19.7 cm)	100 to 1,200 rpm	Ambient + 5° to 65°C	120 V (U.S.)	**02-217-753**
Fisherbrand™ Incubating Microplate Shaker, Triple-Eccentric Drive, Orbit: 0.12 in. (3 mm), Clear Lid	6.7 x 10 in. (17 x 25.5 cm)	100 to 1,200 rpm	Ambient +5° to 65°C	120 V (U.S.)	**02-217-757**
				230V (International)	**02-217-758**
Fisherbrand™ Incubating Microplate Shaker, Triple-Eccentric Drive, Orbit: 0.12 in. (3 mm), Opaque Lid	6.7 x 10 in. (17 x 25.5 cm)	100 to 1,200 rpm	Ambient +5° to 65°C	120 V (U.S.)	**02-217-759**
				230V (International)	**02-217-760**

Cooling and Heating Shakers

Description	NIST Traceable	Speed	Temperature Range	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Isotemp™ Cooling Shake Touch Shaker	No	300 to 3,000 rpm	Ambient – 17°C to 100°C	120 V (U.S.)	**02-217-737**
	Yes				**02-217-739**
Fisherbrand™ Isotemp™ Shake Touch Shaker	No		Ambient + 4°C to 100°C	120 V (U.S.)	**02-217-741**
	Yes				**02-217-743**

Rotators

Description	Angle	Capacity	Speed	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Mini Tube Rotator	0° to 90°	Variable	10 to 40 rpm	100–240 V (U.S.)	**88-861-051**
				100–240 V (International)	**88-861-052**
Fisherbrand™ Multi-Purpose Tube Rotator	95° to 180°	15 x 50 mL	5 to 80 rpm	100–240 V (U.S.)	**88-861-049**
				100–240 V (International)	**88-861-050**
Fisherbrand™ Multi-Function 3D Rotator, Rotates and Vibrates	Reciprocal: 0° to 360°	Variable	5 to 100 rpm	100–240 V (U.S.)	**88-861-047**
Fisherbrand™ Tissue Culture Rotator, Drum (Required) Sold Separately (Cat. No. 14-251-251)	5° Above Horizontal to 90°	142 x 17 mm tubes	5 to 70 rpm	120 V (U.S.)	**14-251-250***

*Carousel required and sold separately

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Rotating Benchtop Shakers

Description	Capacity	Speed	Voltage (Plug Style)	Cat. No.
Fisherbrand™ 3D Platform Rotator	Variable	2 to 80 rpm	120 V (U.S.)	**88-861-045**
			120–240 V (International)	**88-861-046**
Fisherbrand™ Digital Bottle Rollers	Variable	1 to 80 rpm	100–240 V (U.S.)	**11-676-250**

Wrist Action Shakers

Description	Angle	Capacity	Speed	Cat. No.
Fisherbrand™ Flask Shaker	0° to 15°	8 x 250 mL	Variable: 0 to 450 OSC/min.	**14-400-602**
			Fixed: 385 OSC/min.	**14-400-600**

Overhead Stirrers (Single Shaft)

Description	Viscosity Rating	Capacity	Speed	Torque	Voltage (Plug Style)	Cat. No.
Fisherbrand™ CompactDigital™ Overhead Stirrer	15,000	Up to 25 L (6.6 gal.)	40 to 2,002 rpm	6 in.-lb.	120 V (U.S.)	**14-500-211**
Fisherbrand™ RealTorqueDigital™ Overhead Stirrer	50,000	Up to 60 L (16 gal.)	20 to 3000 rpm	30 in.-lb.	120 V (U.S.)	**14-500-210**
Fisherbrand™ Compact Digital Overhead Stirrer	15,000	25 L (6.5 gal.)	0 to 2,002 rpm	6.2 in.-lb.	220 V (International)	**14-501-084**
Fisherbrand™ RealTorqueDigital™ Overhead Stirrer, 220 V	50,000	Up to 60 L (16 gal.)	20 to 3000 rpm	30 in.-lb.	220 V (International)	**14-501-085**
Fisherbrand™ Electric Analog Laboratory Overhead Stirrers, Model A15	7,500	15 L	6,000 rpm	190 in.-lb.	120 V (U.S.)	**14-500-215**
Fisherbrand™ Electric Analog Laboratory Overhead Stirrer, Model A20	10,000	20 L	2,000 rpm	27 in.-lb.	120 V (U.S.)	**14-500-214**
Fisherbrand™ Electric Analog Laboratory Overhead Stirrer, Model A30	15,000	30 L	1,200 rpm	74 in.-lb.	120 V (U.S.)	**14-500-213**
Fisherbrand™ Electric Analog Laboratory Overhead Stirrer, Model A40	20,000	40 L	350 rpm	193 in.-lb.	120 V (U.S.)	**14-500-212**
Fisherbrand™ Air-Powered Analog Overhead Stirrer, Model AP10	5,000	10 L	10,000 rpm	45 in.-lb.	N/A (Air Powered)	**14-500-219**

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Homogenizers

Bead Mill Homogenizers

Description	Capacity	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Bead Mill 4 Homogenizer	4 x 0.5 mL, 4 x 1.5 mL, 4 x 2 mL, or 1 x 7 mL Samples	120 V (U.S.)	**15-340-164**
Fisherbrand™ Bead Mill 24 Homogenizer	24 x 0.5/2 mL Tubes	120 V (U.S.)	**15-340-163**

Mechanical Homogenizers

Description	Sample Size	Speed	Max. Power	Dimensions (H x Dia.)	Voltage (Plug Style)	Cat. No.
Fisherbrand™ 150 Handheld Homogenizer	200 µL to 100 mL	5,000 to 35,000 rpm	150 W	22.8 x 6.35 cm (9 x 2.5 in.)	115 V (U.S.)	**15-340-167**
Fisherbrand™ 150 Homogenizer Package, Includes Motor, Stand Assembly, and 3 Stainless Steel Generator Probes (5 x 75, 7 x 115, and 10 x 115 mm)						**15-340-168**
Fisherbrand™ 850 Handheld Homogenizer	0.2 mL to 5 L	5,000 to 25,000 rpm	850 W	21.5 x 6.9 cm (8.5 x 2.75 in.)	115 V (U.S.)	**15-340-169**
Fisherbrand™ 850 Homogenizer Package, Includes Motor, Stand Assembly, and 3 Stainless Steel Generator Probes (10 x 115, 20 x 195, and 30 x 195 mm)						**15-340-170**

Ultrasonic Homogenizers

Description	Sample Size	Power	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Sonic Dismembrator, Model FB50, Includes 1/8 in. Probe	0.2 to 50 mL	50 W	110 V (U.S.)	**FB-501-10**
			220 V (International)	**FB-502-20**
Fisherbrand™ Sonic Dismembrator, Model FB50	0.2 to 50 mL	50 W	110 V (U.S.)	**FB-50A-110**
Fisherbrand™ Sonic Dismembrator, Model FB120, Includes 1/8 in. Probe	0.2 to 50 mL	120 W	110 V (U.S.)	**FB-120-110**
			220 V (International)	**FB-120-220**
Fisherbrand™ Sonic Dismembrator, Model FB120	0.2 to 50 mL	120 W	110 V (U.S.)	**FB-120-A110**
			220 V (International)	**FB-120-A220**
Fisherbrand™ Sonic Dismembrator, Model FB505, Includes 0.5 in. Probe	0.5 to 500 mL	500 W	110 V (U.S.)	**FB-505-110**
			220 V (International)	**FB-505-220**
Fisherbrand™ Sonic Dismembrator, Model FB505	0.5 to 500 mL	500 W	110 V (U.S.)	**FB-505-A110**
Fisherbrand™ Sonic Dismembrator, Model FB705, Includes 0.5 in. Probe	0.2 to 1,000 mL	700 W	110 V (U.S.)	**FB-705-110**
			220 V (International)	**FB-705-220**
Fisherbrand™ Sonic Dismembrator, Model FB705	0.2 to 1,000 mL	700 W	110 V (U.S.)	**FB-705-A110**

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Water Baths and Incubators

Water Baths

Description	Temperature Range	Capacity	Voltage	Cat. No.
Fisherbrand™ Isotemp™ General Purpose Deluxe Water Bath	Ambient to 100°C	2 L (0.5 gal.), Shallow	120–230 V	**FSGPD2S**
		2 L (0.5 gal.)		**FSGPD02**
		5 L (1.3 gal.)		**FSGPD05**
		10 L (2.6 gal.)		**FSGPD10**
		5 /10 L (1.3/2.6 gal.)		**FSGPD15D**
		20 L (5.3 gal.)		**FSGPD20**
		28 L (7.4 gal.)		**FSGPD28**
Fisherbrand™ Isotemp™ Shaking Water Baths	Ambient + 5° to 100°C	15 L (7 gal.)	120–230 V	**FSSWB15**
		27 L (7 gal.)		**FSSWB27**

Refrigerated Incubators

Description	Temperature Range	Capacity	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Mini Refrigerated Incubator	17° to 50°C	18 L	120–240 V (U.S.)	**15-015-2632**

Dry Bath Incubators

Description	Temperature Range	Capacity	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Isotemp™ Digital Dry Bath/ Block Heater, 120 V	Ambient + 5° to 130°C	1 Block	120 V (U.S.)	**88-860-021**
		2 Blocks	120 V (U.S.)	**88-860-022**
		4 Blocks	120 V (U.S.)	**88-860-023**
Fisherbrand™ Isotemp™ Digital Dry Bath/ Block Heater, 220 V		1 Block	220 V (International)	**88-860-024**
		2 Blocks	220 V (International)	**88-860-025**
		4 Blocks	220 V (International)	**88-860-026**
Fisherbrand™ Heating Mini Dry Bath, 120 V	Ambient + 5° to 100°C	15 x 1.5 mL Tubes	115 V (U.S.)	**14-955-218**
	Ambient + 5° to 100°C	15 x 1.5 mL Tubes	115 V (U.S.)	**14-955-219**
Fisherbrand™ Mini Dry Bath	0°C to 100°C	15 x 1.5 mL Tubes	115 V (U.S.)	**14-955-220**
Fisherbrand™ Heating/Cooling Mini Dry Bath, 120 V	0° to 100°C	15 x 1.5 mL Tubes	115 V (U.S.)	**14-955-221**

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Chillers and Circulators

Fisherbrand™ Isotemp™ Cooling/Heating Recirculating Chillers

Description	Pump Type	Temperature Range	Capacity	Voltage	Cat. No.
Fisherbrand™ Isotemp™ Model 250LCU	Force	−10° to 80°C	2.8 L (0.7 gal.)	115 V	**13-874-643**
Fisherbrand™ Isotemp™ Model 250LCSU	Force and Suction	−10° to 80°C	2.8 L (0.7 gal.)	115 V	**13-874-644**
Fisherbrand™ Isotemp™ Model 500LCU	Force	−10° to 80°C	2.8 L (0.7 gal.)	115 V	**13-874-647**
Fisherbrand™ Isotemp™ Model 500LCSU	Force and Suction	−10° to 80°C	2.8 L (0.7 gal.)	115 V	**13-874-648**
Fisherbrand™ Isotemp™ I Recirculating Chillers	PD1*	−10° to +30°C	9.5 L (2.5 gal.)	115 V	**13-874-240**
Fisherbrand™ Isotemp™ II Recirculating Chiller	PD1*	−10° to +30°C	9.5 L (2.5 gal.)	115 V	**13-874-241**
	PD2*	−10° to +30°C	9.5 L (2.5 gal.)	115 V	**13-874-242**
	MD30 Mag Drive Centrifugal Pump	−10° to +30°C	9.5 L (2.5 gal.)	115 V	**13-874-243**
Fisherbrand™ Isotemp™ III Recirculating Chiller, 220 V, 60 Hz	PD2*	−10° to +30°C	19 L (5 gal.)	230 V	**13-874-245**

*Positive Displacement Pump

Fisherbrand™ Isotemp™ Hydrocarbon Refrigerated/Heated Bath Circulators

Description	Pump Type	Pump Capacity	Temperature Range	Capacity	Voltage	Cat. No.
Fisherbrand™ Isotemp™ Model 4100 R35	Force	17 L/min. (310 mbar)	−45° to +200°C	6.8 to 8.6 L (1.8 to 2.3 gal.)	115 V	**13-874-002**
Fisherbrand™ Isotemp™ Model 5150 R35	Force	21 L/min. (750 mbar)	−45° to +200°C	6.8 to 8.6 L (1.8 to 2.3 gal.)	115 V	**13-874-001**
Fisherbrand™ Isotemp™ Model 6200 R35	Force and Suction	21 L/min. (750 mbar)	−45° to +200°C	6.8 to 8.6 L (1.8 to 2.3 gal.)	115 V	**13-874-000**

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Fisherbrand™ Isotemp™ Refrigerated/Heated Bath Circulators

Description	Pump Type	Pump Capacity	Temperature Range	Capacity	Voltage	Cat. No.
Fisherbrand™ Isotemp™ Model 4100 R20	Force	17 L/min. (310 mbar)	–20° to +100°C	3 to 6 L (0.8 to 1.6 gal.)	115 V	**13-874-180**
Fisherbrand™ Isotemp™ Model 4100 R20, 230 V	Force	17 L/min. (310 mbar)	–20° to +100°C	3 to 6 L (0.8 to 1.6 gal.)	230 V	**13-874-050**
Fisherbrand™ Isotemp™ 4100 R20F	Force	17 L/min. (310 mbar)	–20°C to +100°C	5.4 to 6.5 L (1.4 to 1.7 gal.)	230 V	**13-874-051**
Fisherbrand™ Isotemp™ Model 4100 R20F	Force	17 L/min. (310 mbar)	–20° to +100°C	3 to 6 L (0.8 to 1.6 gal.)	115 V	**13-874-181**
Fisherbrand™ Isotemp™ Model 4100 R28	Force	17 L/min. (310 mbar)	–28° to +100°C	6.8 to 8.6 L (1.9 to 2.3 gal.)	115 V	**13-874-182**
Fisherbrand™ Isotemp™ Model 5150 R28	Force	17 L/min. (310 mbar)	–28° to +150°C	6.8 to 8.6 L (1.9 to 2.3 gal.)	115 V	**13-874-126**
Fisherbrand™ Isotemp™ Model 5150 R28, 230 V	Force	17 L/min. (310 mbar)	–28° to +100°C	6.8 to 8.6 L (1.9 to 2.3 gal.)	230 V	**13-874-052**
Fisherbrand™ Isotemp™ Model 6200 R20	Force	21 L/min. (805 mbar)	–20° to +100°C	3 to 6 L (0.8 to 1.6 gal.)	115 V	**13-874-674**
Fisherbrand™ Isotemp™ Model 6200 R20F	Force	21 L/min. (805 mbar)	–20° to +100°C	3 to 6 L (0.8 to 1.6 gal.)	115 V	**13-874-675**
Fisherbrand™ Isotemp™ Model 6200 R28	Force and Suction	21 L/min. (805 mbar)	–28° to +200°C	6.8 to 8.6 L (1.9 to 2.3 gal.)	115 V	**13-874-676**

Fisherbrand™ Isotemp™ Heated Bath Circulators

Description	Pump Type	Pump Capacity	Temperature Range	Capacity	Voltage	Cat. No.
Fisherbrand™ Isotemp™ Model 4100 H7	Force	17 L/min. (310 mbar)	10° to 100°C	4 to 7 L (1 to 1.8 gal.)	115 V	**13-874-171**
Fisherbrand™ Isotemp™ Model 4100 H11	Force	17 L/min. (310 mbar)	Ambient + 10° to 100°C	7 to 11 L (1.8 to 2.9 gal.)	115 V	**13-874-172**
Fisherbrand™ Isotemp™ Model 5150 H7	Force	17 L/min. (310 mbar)	10° to 150°C	4 to 7 L (1 to 1.8 gal.)	115 V	**13-874-121**
Fisherbrand™ Isotemp™ Model 6200 H7	Force and Suction	21 L/min. (750 mbar)	10° to 200°C	4 to 7 L (1 to 1.8 gal.)	115 V	**13-874-671**

Fisherbrand™ Isotemp™ Open Heated PPO Bath Circulators

Description	Pump Type	Pump Capacity	Temperature Range	Capacity	Voltage	Cat. No.
Fisherbrand™ Isotemp™ Model 4100 H19A	Force	17 L/min. (310 mbar)	Ambient + 10° to 100°C	3 to 5 L (0.7 to 1.3 gal.)	115 V	**13-874-174**
Fisherbrand™ Isotemp™ Model 4100 HSP, 230 V	Force	17 L/min. (310 mbar)	Ambient + 10° to 100°C	4.5 to 5.3 L (1.2 to 1.4 gal.)	230 V	**13-874-044**
Fisherbrand™ Isotemp™ Model 4100 H14P	Force	17 L/min. (310 mbar)	Ambient + 10° to 100°C	8 to 14 L (2.1 to 3.7 gal.)	115 V	**13-874-175**
Fisherbrand™ Isotemp™ Model 4100 H14P, 230 V	Force	17 L/min. (310 mbar)	Ambient + 10° to 100°C	11.3 to 14.1 L (3 to 3.7 gal.)	230 V	**13-874-045**
Fisherbrand™ Isotemp™ Model 4100 H21P	Force	17 L/min. (310 mbar)	Ambient + 10° to 100°C	13 to 21 L (3.4 to 5.5 gal.)	115 V	**13-874-176**
Fisherbrand™ Isotemp™ 4100 H21P	Force	17 L/min. (310 mbar)	Ambient +10° to 100°C	18 to 22.5 L (4.7 to 5.9 gal.)	230 V	**13-874-046**
Fisherbrand™ Isotemp™ Model 4100 H24	Force	17 L/min. (310 mbar)	Ambient + 10° to 100°C	14 to 24 L (3.7 to 6.3 gal.)	115 V	**13-874-173**
Fisherbrand™ Isotemp™ Model 5150 H11	Force	17 L/min. (310 mbar)	Ambient + 10° to 150°C	7 to 11 L (1.8 to 2.9 gal.)	115 V	**13-874-124**

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Description	Pump Type	Pump Capacity	Temperature Range	Capacity	Voltage	Cat. No.
Fisherbrand™ Isotemp™ Model 6200 H11	Force and Suction	21 L/min. (805 mbar)	Ambient + 10° to 200°C	7 to 11 L (1.8 to 2.9 gal.)	115 V	**13-874-672**
Fisherbrand™ Isotemp™ Model 6200 H24	Force and Suction	21 L/min. (805 mbar)	Ambient + 10° to 200°C	14 to 24 L (3.7 to 6.3 gal.)	115 V	**13-874-673**

Fisherbrand™ Isotemp™ Immersion Circulators

Description	Pump Type	Pump Capacity	Temperature Range	Voltage	Cat. No.
Fisherbrand™ Isotemp™ Model 4100B, with Bridge	Force	17 L/min. (310 mbar)	Ambient + 10° to 100°C	115 V	**13-874-438**
Fisherbrand™ Isotemp™ Model 4100C, with Clamp	Force	17 L/min. (310 mbar)	Ambient + 10° to 100°C	230 V	**13-874-431**
Fisherbrand™ Isotemp™ Model 4100C, with Clamp	Force	17 L/min. (310 mbar)	Ambient + 10° to 100°C	115 V	**13-874-432**
Fisherbrand™ Isotemp™ Model 5150B, with Bridge	Force	17 L/min. (310 mbar)	Ambient + 10° to 150°C	115 V	**13-874-440**
Fisherbrand™ Isotemp™ Model 5150C, with Clamp	Force	17 L/min. (310 mbar)	Ambient + 10° to 150°C	115 V	**13-874-434**
Fisherbrand™ Isotemp™ Model 6200B, with Clamp	Force and Suction	21 L/min. (805 mbar)	Ambient + 10° to 200°C	230 V	**13-874-441**
Fisherbrand™ Isotemp™ Model 6200B, with Bridge	Force and Suction	21 L/min. (805 mbar)	Ambient + 10° to 200°C	115 V	**13-874-442**

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Ovens, Sterilizers, and Pumps

Laboratory Ovens

Description	Heating Method	Temperature Range	Capacity	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Isotemp™ 500 Series Economy Lab Oven	Convection	5° to 210°C	1.7 cu. ft.	120 V (U.S.)	**13-246-516GAQ**
Fisherbrand™ Isotemp™ General Purpose Heating and Drying Oven	Gravity Convection	50° to 250°C	60 L	120 V (U.S.)	**15-103-0503**
	Forced Air Convection		66 L		**15-103-0510**
Fisherbrand™ Gravity Oven	Gravity	50° to 250°C	65 L	120 V (U.S.)	**15-103-0519**

Vacuum Ovens

Description	Vacuum Range	Temperature Range	Capacity	Electrical Requirements (Output)	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Isotemp™ Vacuum Oven, Model 282A	0 to 30 in. Hg	Ambient to 280°C (536°F)	1.6 cu. ft.	120 V (1,800 W)	120 V (U.S.)	**13-262-52**
Fisherbrand™ Isotemp™ High-Temperature Vacuum Oven, Model 281A	0 to 30 in. Hg	Ambient to 280°C (536°F)	0.65 cu. ft. (18.4 L)	120 V (3,500 W)	120 V (U.S.)	**13-262-50**
				230 V (1,700 W)	240 V (International)	**13-262-51**

Vacuum Pumps

Description	Flow Rate	Maximum Vacuum	Electrical Requirements	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Maxima™ Rotary Vane Vacuum Pump, Model M2C	51 L/min. (1.8 cfm)	2×10^{-3} torr	115 V, 60 Hz	115 V (U.S.)	**01-184-215**
			230 V, 50 Hz	230 V (EU)	**01-184-216**
Fisherbrand™ Rotary Vane Vacuum Pump, Model M4C	79 L/min. (2.8 cfm)	1.5×10^{-3} torr	115 V, 60 Hz	115 V (U.S.)	**01-184-202**
Fisherbrand™ Maxima™ Rotary Vane Vacuum Pump, Model M6C	119 L/min. (4.2 cfm)	1.5×10^{-3} torr	115 V, 60 Hz	115 V (U.S.)	**01-184-203**
Fisherbrand™ Maxima™ Rotary Vane Vacuum Pump, Model M8C	158.5 L/min. (5.6 cfm)	1.5×10^{-3} torr	115 V, 60 Hz	115 V (U.S.)	**01-184-204**
			230 V, 50 Hz	230 V (EU)	**01-184-209**
Fisherbrand™ Maxima™ Rotary Vane Vacuum Pump, Model M16C	362.5 L/min. (12.8 cfm)	2×10^{-3} torr	115 V, 60 Hz	115 V (U.S.)	**01-184-205**
			230 V, 50 Hz	230 V (EU)	**01-184-210**

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Description	Flow Rate	Maximum Vacuum	Electrical Requirements	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Maxima™ Rotary Vane Vacuum Pump, Model M24C	518 L/min. (18.3 cfm)	2×10^{-3} torr	115 V, 60 Hz	115 V (U.S.)	**01-184-206**
Fisherbrand™ Maxima™ Rotary Vane Vacuum Pump, Model M30C	626 L/min. (22.1 cfm)	2×10^{-3} torr	115 V, 60 Hz	115 V (U.S.)	**01-184-207**
			230 V, 50 Hz	230 V (International)	**01-184-212**
Fisherbrand™ Explosion-Proof Maxima™ Rotary Vane Vacuum Pump, Model M4C	79 L/min. (2.8 cfm)	1.5×10^{-3} torr	115 V, 60 Hz	115 V (U.S.)	**01-184-208**
Fisherbrand™ Explosion-Proof Maxima™ Rotary Vane Vacuum Pump, Model M8C	158.5 L/min. (5.6 cfm)	1.5×10^{-3} torr	115 V, 60 Hz	115 V (U.S.)	**01-184-213**
Fisherbrand™ Explosion-Proof Maxima™ Rotary Vane Vacuum Pump, Model M16C	362.5 L/min. (12.8 cfm)	2×10^{-3} torr	115 V, 60 Hz	115 V (U.S.)	**01-184-214**
Fisherbrand™ MaximaDry™ Oil-Free Vacuum Pump, One Stage	20 L/min. ((0.7 cfm)	75 torr	115 V, 60 Hz	115 V (U.S.)	**13-880-14**
Fisherbrand™ MaximaDry™ Oil-Free Vacuum Pump, Two Stage	20 L/min. (0.7 cfm)	6 torr	115 V, 60 Hz	115 V (U.S.)	**13-880-18**
	35 L/min. (1.2 cfm)	6 torr			**13-880-20**
		1.5 torr			**13-880-22**
Fisherbrand™ MaximaDry™ Oil-Free Vacuum Pump, Parallel Stage	40 L/min. (1.4 cfm)	65 torr	115 V, 60 Hz	115 V (U.S.)	**13-880-16**

Syringe Pumps

Description	Capacity	Flow Rate	Linear Force	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Single Syringe Pump	10 µL to 60 mL	519 mL/hr.	9 kg (20 lb.)	110 V (U.S.)	**14-831-200**

Sterilizers and Autoclaves

Description	Capacity	Internal Dimensions (Dia. x D)	Voltage (Plug Style)	Cat. No.
STE Fisherbrand™ SterilElite™ Benchtop Autoclave, Front Loading	16 L (17 qt.)	23 x 40.6 cm (9 x 16 in.)	115 V	**STE1622004**
			220 V	**STE1622008**
	24 L (25.4 qt.)	26 x 45 cm (10.2 x 26 in.)	115 V	**STE2422005**
			220 V	**STE2422006**
	40 L (43 qt.)	30 x 57 cm (11 x 22 in.)	220 V	**STE4022009**
Fisherbrand™ Microbead Small Sterilizer	300 g (11 oz.)	4 x 12.7 cm (1.6 x 5 in.)	115 V (U.S.)	**14-955-340**
			230 V (International)	**14-955-341**
Fisherbrand™ Microbead Tall Sterilizer	500 g (18 oz.)	4 x 21.5 cm (1.6 x 7.5 in.)	115 V (U.S.)	**14-955-342**
			230 V (International)	**14-955-343**

Other Sterilizing Devices

Description	Maximum Temperature	Dimensions (H x W x D)	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Bacti-Loop™ Micro-Sterilizer	500°C (1,500°F)	16.5 x 10 x 15 cm (6.5 x 4 x 6 in.)	120 V (U.S.)	**22-630-001**

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Electrophoresis Equipment
Horizontal Gel Systems

Description	Type	Gel Dimensions	Buffer Volume	Cat. No.
Fisherbrand™ Horizontal Minigel Electrophoresis System	Standard	10.5 x 6 cm or 5 x 6 cm	300 mL	**14-955-170**
Fisherbrand™ Horizontal Minigel Electrophoresis System	Standard	7 x 10 cm	400 mL	**FB-SB-710**
Fisherbrand™ Horizontal Midigel Electrophoresis System	Standard	13 x 16 cm	800 mL	**FB-SB-1316**
Fisherbrand™ Horizontal Large Gel Electrophoresis System	Standard	20 x 25 cm	2.3 L	**FB-SB-2025**
Fisherbrand™ Horizontal Midigel Electrophoresis System	Recirculating	13 x 16 cm	1.2 L	**FB-SBR-1316**
Fisherbrand™ Horizontal Large Gel Electrophoresis System	Recirculating	20 x 25 cm	2 L	**FB-SBR-2025**

Vertical Gel Systems

Description	Gel Dimensions	Buffer Volume	Cat. No.
Fisherbrand™ Vertical Electrophoresis System	10 x 10 cm	300 mL	**FB-VE10-1**
	16 x 14 cm	550 mL	**FB-VE16-1**

Electrophoresis Power Supplies

Description	Applications	Maximum Current	Maximum Voltage	Maximum Power	Jacks	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Compact Electrophoresis Power Supply	DS-PAGE, DGGE/CDGE, DNA/RNA Submarine Electrophoresis	400 mA	300 V	75 W	3	120 V (U.S.)	**FB300Q**
Fisherbrand™ High-Current Electrophoresis Power Supply	High-Current Electroblotting (Western Tank and Semidry, Southern and Northern), SDS-PAGE Electrophoresis	2 A	200 V	200 W	4	120 V (U.S.)	**FB200Q**
Fisherbrand™ Programmable Electrophoresis Power Supply	Isoelectric Focusing, SDS-PAGE, Native SDS-PAGE, DNA Sequencing, High-Voltage Electrophoresis	400 mA	3,000 V	400 W	4	120 V (U.S.)	**FB3000Q**

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View Separations in Real Time

Fisherbrand™ Real-Time Electrophoresis Systems let you run DNA gels, view separations as they occur, and capture gel images using your smartphone.

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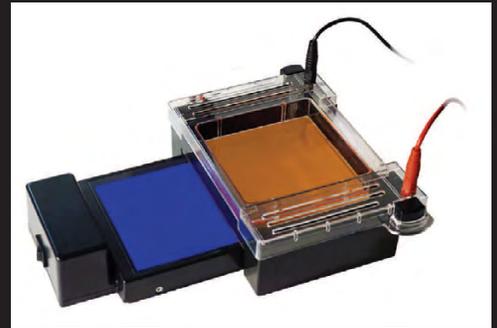
Real-Time Electrophoresis Systems

Description	Gel Dimensions	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Real-Time Electrophoresis Tank System, Requires External Power Supply	10.5 x 10 cm, 10.5 x 6 cm	115 V (U.S.)	**14-955-205**
		230 V (International)	**14-955-206**
Fisherbrand™ Real-Time Electrophoresis Tank System with Integral Power Supply (35, 50, or 100 V)		115 V (U.S.)	**14-955-207**
		230 V (International)	**14-955-208**

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Centrifuges, Microplate Washers, and Readers

Centrifuges

Description	Speed	Capacity	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Mini Plate Spinner Centrifuge	2,500 rpm	2 Microplates	120 V (U.S.)	**14-100-143**
Fisherbrand™ Mini Plate Spinner Centrifuge			230 V (International)	**14-100-141**
Fisherbrand™ Microplate Centrifuge	2,500 rpm (850 x g)	2 PCR Microplates	115 V (U.S.)	**14-955-300**
Fisherbrand™ Mini-Centrifuge with Two Rotors	6,000 rpm (2,000 x g)	16 x 0.2 mL or 6 x 1.5/2 mL Tubes	100–240 V (U.S. and International)	**12-006-901**
Fisherbrand™ High-Speed Mini Centrifuge	12,500 rpm	12 x 1.5/2.0 mL Tubes	100–240 V (U.S. and International)	**12-006-900**
Fisherbrand™ accuSpin™ Micro 17 Microcentrifuge, Ventilated	3,300 rpm (17,000 x g)	24 × 1.5/2 mL Tubes	120 V (U.S.)	**13-100-675**
Fisherbrand™ accuSpin™ Micro 17R Microcentrifuge, Refrigerated				**13-100-676**
Fisherbrand™ Combination Centrifuge/Stirrer	Stirrer: 2,500 rpm; Centrifuge: 12,500 rpm	Stirrer: 3 L; Centrifuge: 12 x 1.5/2.0 mL Tubes or 6 x 5 mL Tubes	100–240 V (U.S. and International)	**14-127-570**

Microplate Washers

Description	Cell Washing	Plate Type	Waste Capacity	Voltage	Cat. No.
Fisherbrand™ accuWash™ Microplate Washer	No	96-Well	1 Bottle	100–240 V	**14-377-577**
Fisherbrand™accuWash™ Versa™ Microplate Washer	Yes	96-Well, 384-Well	3 Bottles	100–240 V	**14-377-578**

Microplate Readers

Description	With Incubator	Plate Type	Wavelength Range	Voltage	Cat. No.
Fisherbrand™ accuSkan™ FC Filter-Based Microplate Photometer	No	96-Well	340 to 850 nm	100–240 V	**14-377-575**
	Yes	96-Well, 384-Well			**14-377-576**

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Microscopes

Simple Microscopes

Description	Head Style	Nosepiece Positions	Condenser	Objectives	Cat. No.
Fisherbrand™ Entry Level Upright Microscope	Monocular	4	Fixed Abbe NA 1.25 with Filter Holder	Achromatic 4X, 10X, 40X, 100X (Oil)	03-000-000
	Binocular				03-000-001
	Monocular	4	Fixed Abbe NA 1.25 with Filter Holder	Semi-Plan 4X, 10X, 40X, 100X (Oil)	03-000-002
	Binocular				03-000-003
	Monocular	4	Fixed Abbe NA 1.25 with Filter Holder	Plan Achromatic 4X, 10X, 40X, 100X (Oil)	03-000-004
	Binocular				03-000-005

Compound Upright Microscopes

Description	Head Style	Nosepiece Positions	Condenser	Objectives	Camera	Cat. No.
Fisherbrand™ Entry Level Upright Microscope	Binocular	4	Fixed Abbe NA 1.25 with Filter Holder	Achromatic 4X, 10X, 40X, 100X (Oil)	N/A	11-350-101
Fisherbrand™ Entry Level Research Grade Inverted Microscope with Simple Cross Polarization	Trinocular	5	Abbe NA 0.30, with Phase Slider, Removable	PL BF 4X; PH 10X, 20X	Portal Available	03-000-013
Fisherbrand™ Research Grade Upright Microscope	Binocular	5	Abbe NA 1.25, with Filter Holder	Plan Achromatic 4X, 10X, 40X, 100X (Oil)	N/A	03-000-007
	Trinocular	5			Portal Available	03-000-008
Fisherbrand™ Research Grade Upright Microscope with Color Camera	Trinocular	4	Abbe NA 1.25, with Filter Holder	Plan Achromatic 4X, 10X, 40X, 100X (Oil)	3MP USB	03-000-024
		5				03-000-026
	Binocular	5	Abbe NA 1.25, with Filter Holder	Plan Achromatic 4X, 10X, 40X, 100X (Oil)	1080P HDMI	03-000-032
	Trinocular	4				03-000-025
	Binocular	4	Abbe NA 1.25, with Filter Holder	Plan Achromatic 4X, 10X, 40X, 100X (Oil)	5MP USB	03-000-029
	Binocular	4	Abbe NA 1.25, with Filter Holder	Plan Achromatic 4X, 10X, 40X, 100X (Oil)	10MP USB	03-000-033
	Trinocular					03-000-030

Description	Head Style	Nosepiece Positions	Condenser	Objectives	Camera	Cat. No.
Fisherbrand™ Phase Contrast Research Grade Upright Microscope with Color Camera	Trinocular	4	Abbe Phase NA 1.25 with Filter Holder	PL PH 10X, 20X; Plan Achromatic 40X, 100X	3MP USB	03-000-027
	Binocular				1080P HDMI	03-000-031
	Binocular				10MP USB	03-000-034
Fisherbrand™ Phase Contrast Research Grade Upright Microscope with Optional Camera	Trinocular	5	Abbe Phase NA 1.25 with Filter Holder	Plan Achromatic Phase 10X, 20X, 40X, 100X (Oil)	Optional 0.5x C-Mount	03-000-010
Fisherbrand™ Advanced Research Grade Upright Microscope	Trinocular	5	Abbe NA 1.25, with Filter Holder	High-Contrast Chromatic-Free Plan Achromatic 4X, 10X, 40X, 50X (Oil), 100X (Oil)	No Camera Attachment	03-000-103
	Trinocular				Camera Attachment	03-000-104
Fisherbrand™ Advanced Research Grade Upright Phase Contrast Microscope	Trinocular	5	Abbe NA 1.25, with Filter Holder	Plan Achromatic Phase 10X, 20X, 40X, 100X (Oil)	Camera Attachment	03-000-106
Fisherbrand™ Advanced Research Grade Upright Microscope with Simple Cross Polarization	Binocular	5	Abbe NA 1.25, with Filter Holder	High-Contrast Chromatic-Free Plan Achromatic 4X, 10X, 40X, 100X (Oil)	No Camera Attachment	03-000-107
	Trinocular				Camera Attachment	03-000-108
Fisherbrand™ Advanced Research Grade Upright Microscope	Binocular	5	Abbe NA 1.25, with Filter Holder	High-Contrast Chromatic-Free 4X, 10X, 40X, 100X (Oil)	No Camera Attachment	03-000-011
	Trinocular				Camera Attachment	03-000-012

Stereo Microscopes

Description	Illumination	Head Style	Magnification	Eyepiece	Objectives	Cat. No.
Fisherbrand™ Basic Stereo Zoom Microscope	LED	Binocular	Continuous Zoom (1:4)	10X	1X to 4X	03-000-018
						03-000-028
	LED	Trinocular with Camera Attachment	Continuous Zoom (1:4)	10X	1X to 4X	03-000-021
	None					03-000-022
Fisherbrand™ Research Grade Stereo Zoom Microscope	LED (Ring)	Binocular	Continuous Zoom (6.4:1)	10X	0.7X to 4.5X	03-000-014
		Trinocular				03-000-015
Fisherbrand™ Basic Fixed Magnification Stereo Microscope	LED (Ring)	Binocular	Dual, Fixed	10X	1X, 3X	03-000-037
					2X, 4X	03-000-038
Fisherbrand™ Basic Digital Stereo Zoom Microscope with 3MP USB Color Camera	LED (Ring)	Trinocular with 0.5X C-Mount Lens	Continuous Zoom (1:4)	10X	1X to 4X	03-000-039
Fisherbrand™ Advanced Fixed Magnification Stereo Microscope	LED (Ring)	Binocular	Dual, Fixed	15X	1X, 3X	03-000-016
					2X, 4X	03-000-017
				10X	1X, 3X	03-000-035
					2X, 4X	03-000-036

Cameras

Description	Interface	Cat. No.
Fisherbrand™ Digital Microscope Eyepiece Camera, Extends to C- or CS-Mounted Cameras	2.0 MP USB	03-000-040

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Refractometers

Refractometers

Description	Scale: Range	Temperature Compensation	Dimensions (L x W x H)	Power	Cat. No.
Fisherbrand™ Handheld Analog Clinical Refractometer	Urine SG: 1.000 to 1.050; Serum Protein: 1 to 12 g/dL; Refractive Index: 1.334 to 1.360	No	17.2 x 4 x 4 cm	None (Ambient light)	12-561-340
		Yes			12-561-341
Fisherbrand™ Handheld Analog Salinity Refractometer	Salinity: 1.000 to 1.070 SG. (0 to 100 ppt)	Yes	20.4 x 4 x 4 cm	None (Ambient light)	12-561-335
Fisherbrand™ Handheld Analog Automotive Refractometer	Ethylene: −84° to 32°F; Propylene: −60° to 32°F; Battery Fluid: 1.100 to 1.400	Yes	15.3 x 4 x 4 cm	None (Ambient light)	12-561-336
Fisherbrand™ Handheld Analog Brix/Sucrose Refractometer	Brix: 0 to 10%	Yes	20.4 x 4 x 4 cm	None (Ambient light)	12-561-337
	Brix: 0 to 32%	No			12-561-338
		Yes			12-561-339
Fisherbrand™ Handheld Digital Brix/RI Refractometer	Brix: 0 to 50%	Yes	2.5 x 6 × 12 cm	Battery (AAA)	12-561-343
	Brix: 0 to 90%				12-561-344
	Brix Fructose: 0 to 68.9%				12-561-346
	Brix: 0 to 60%				12-561-347
Fisherbrand™ Handheld Digital Honey Refractometer	Brix: 0% to 90%; Moisture: 5% to 38%; Baume: 33° to 48°C; Refractive Index (RI): 1.3330 to 1.5300nD	Yes	2.5 x 5.8 × 12.1 cm	Battery (AAA)	12-561-352
Fisherbrand™ Handheld Digital Wine Refractometer	Brix: 0% to 50.0%; PA (% v/v): 0% to 22%; Oechsle (Oe): 0° to 150°C; KMW (Babo): 0°C to 25°C	Yes	2.5 x 5.8 × 12.1 cm	Battery (AAA)	12-561-353
Fisherbrand™ Handheld Digital Clinical Refractometer	Urine SG: 1.000 to 1.050; Serum Protein: 0.1 to 12.0; Refractive Index (RI): 1.3330 to 1.4200nD	Yes	2.5 x 5.8 × 12.1 cm	Battery (AAA)	12-561-354
Fisherbrand™ Handheld Digital Refractometer for Salinity	Salinity: 0% to 28%; SG: 1.000 to 1.217; RI: 1.330 to 1.4200nD	Yes	2.5 x 5.8 × 12.1 cm	Battery (AAA)	12-561-350
	Seawater Salinity: 0.0% to 100%; Chlorinity: 0.0% to 57%; SG: 1.000 to 1.075; RI: 1.330 to 1.4200nD				12-561-351
Fisherbrand™ Analog Abbe Benchtop RI Refractometer	RI 1.3000 to 1.7000nD; Brix 0 to 95%	No	270 x 180 x 370 mm	None (Ambient light)	12-561-359

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Heating Mantles

Multi-Recess Heating Mantles

Description	Capacity	Maximum Temperature	Power	Voltage (Plug Style)	Cat. No.
Fisherbrand™ 3-Recess Extraction Heating Mantle	100 mL	450°C (842°F)	110 W	120 V (U.S.)	**10-067-210**
	250 mL	450°C (842°F)	220 W	120 V (U.S.)	**10-067-211**
	500 mL	450°C (842°F)	330 W	120 V (U.S.)	**10-667-212**
	1,000 mL	450°C (842°F)	495 W	120 V (U.S.)	**10-067-213**
Fisherbrand™ 6-Recess Extraction Heating Mantle for Round-Bottom Flasks	6 x 100 mL	450°C (842°F)	110 W	120 V (U.S.)	**10-067-214**
	6 x 250 mL	450°C (842°F)	220 W	120 V (U.S.)	**10-067-215**
	6 x 500 mL	450°C (842°F)	330 W	120 V (U.S.)	**10-067-216**

Heating Mantles with Controls

Description	Capacity	Maximum Temperature	Power	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Metal-Housed Heating Mantle with Controls	50 mL	450°C (842°F)	60 W	120 V (U.S.)	**10-067-200**
	100 mL	450°C (842°F)	110 W	120 V (U.S.)	**10-067-201**
	250 mL	450°C (842°F)	165 W	120 V (U.S.)	**10-067-202**
	500 mL	450°C (842°F)	220 W	120 V (U.S.)	**10-067-203**
	1,000 mL	450°C (842°F)	325 W	120 V (U.S.)	**10-067-204**
	2,000 mL	450°C (842°F)	545 W	120 V (U.S.)	**10-067-205**
	3,000 mL	450°C (842°F)	650 W	120 V (U.S.)	**10-067-206**
	4,000 mL	450°C (842°F)	815 W	120 V (U.S.)	**10-067-207**
	5,000 mL	450°C (842°F)	935 W	120 V (U.S.)	**10-067-208**
	6,000 mL	450°C (842°F)	1,090 W	120 V (U.S.)	**10-067-209**
Fisherbrand™ Metal-Housed Magnetic Stirring Heating Mantle	100 mL	450°C (842°F)	110 W	120 V (U.S.)	**11-476-341**
	250 mL	450°C (842°F)	165 W	120 V (U.S.)	**11-476-342**
	500 mL	450°C (842°F)	220 W	120 V (U.S.)	**11-476-343**
	1,000 mL	450°C (842°F)	325 W	120 V (U.S.)	**11-476-344**

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Heating Mantles without Controllers

Description	Capacity	Maximum Temperature	Power	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Lower Hemispherical Heating Mantle and ON/OFF Control (°C Controller)	50 mL	482°C (900°F)	60 W	120 V (U.S.)	**11-476-000**
	100 mL	482°C (900°F)	80 W	120 V (U.S.)	**11-476-001**
	125 mL	482°C (900°F)	80 W	120 V (U.S.)	**11-476-002**
	200 mL	482°C (900°F)	100 W	120 V (U.S.)	**11-476-003**
	250 mL	482°C (900°F)	180 W	120 V (U.S.)	**11-476-004**
	500 mL	482°C (900°F)	270 W	120 V (U.S.)	**11-476-005**
	1,000 mL	482°C (900°F)	380 W	120 V (U.S.)	**11-476-006**
	2,000 mL	482°C (900°F)	500 W	120 V (U.S.)	**11-476-007**
	3,000 mL	482°C (900°F)	500 W	120 V (U.S.)	**11-476-008**
	5,000 mL	482°C (900°F)	600 W	120 V (U.S.)	**11-476-009**
	12,000 mL	482°C (900°F)	1,300 W	120 V (U.S.)	**11-476-010**
Fisherbrand™ Lower Hemispherical Cloth Heating Mantle	50 mL	482°C (900°F)	60 W	240 V (None)	**11-476-011**
	100 mL	482°C (900°F)	80 W	240 V (None)	**11-476-012**
	125 mL	482°C (900°F)	80 W	240 V (None)	**11-476-013**
	200 mL	482°C (900°F)	100 W	240 V (None)	**11-476-014**
	250 mL	482°C (900°F)	180 W	240 V (None)	**11-476-015**
	500 mL	482°C (900°F)	270 W	240 V (None)	**11-476-016**
	1,000 mL	482°C (900°F)	380 W	240 V (None)	**11-476-017**
	2,000 mL	482°C (900°F)	500 W	240 V (None)	**11-476-018**
	3,000 mL	482°C (900°F)	500 W	240 V (None)	**11-476-019**
	5,000 mL	482°C (900°F)	600 W	240 V (None)	**11-476-020**
	12,000 mL	482°C (900°F)	1,300 W	240 V (None)	**11-476-021**
Fisherbrand™ Upper Hemispherical Cloth Heating Mantle	250 mL	482°C (900°F)	140 W	120 V (U.S.)	**11-476-022**
				240 V (None)	**11-476-028**
	500 mL	482°C (900°F)	140 W	120 V (U.S.)	**11-476-023**
				240 V (None)	**11-476-029**
	1,000 mL	482°C (900°F)	140 W	120 V (U.S.)	**11-476-024**
				240 V (None)	**11-476-030**
	2,000 mL	482°C (900°F)	200 W	120 V (U.S.)	**11-476-025**
			200 W	240 V (None)	**11-476-031**
	3,000 mL	482°C (900°F)	200 W	120 V (U.S.)	**11-476-026**
			200 W	240 V (None)	**11-476-032**
	5,000 mL	482°C (900°F)	300 W	120 V (U.S.)	**11-476-027**
			300 W	240 V (None)	**11-476-033**

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Description	Capacity	Maximum Temperature	Power	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Soft Sided Tabletop Heating Mantle	50 mL	482°C (900°F)	52 W	120 V (U.S.)	**11-476-034**
				240 V (U.S.)	**11-476-042**
	100 mL	482°C (900°F)	70 W	120 V (U.S.)	**11-476-035**
				240 V (U.S.)	**11-476-043**
	250 mL	482°C (900°F)	143 W	120 V (U.S.)	**11-476-036**
				240 V (U.S.)	**11-476-044**
	500 mL	482°C (900°F)	210 W	120 V (U.S.)	**11-476-037**
				240 V (U.S.)	**11-476-045**
	1,000 mL	482°C (900°F)	377 W	120 V (U.S.)	**11-476-038**
				240 V (U.S.)	**11-476-046**
	2,000 mL	482°C (900°F)	520 W	120 V (U.S.)	**11-476-039**
				240 V (U.S.)	**11-476-047**
	3,000 mL	482°C (900°F)	550 W	120 V (U.S.)	**11-476-040**
				240 V (U.S.)	**11-476-048**
	5,000 mL	482°C (900°F)	620 W	120 V (U.S.)	**11-476-041**
				240 V (U.S.)	**11-476-049**

Heating Mantle Controllers

Description	Type	Sensor Type	Temperature Range Control	Voltage (Plug Style)	Cat. No.
Fisherbrand™ Digital ON/OFF Benchtop Temperature Controller	°C display	J-Type Thermocouple	0 to 600°C (32 to 999°F)	120 V (U.S.)	**11-476-114**
				240 V (U.S.)	**11-476-118**
	°F Display	K-Type Thermocouple	0 to 600°C (32 to 999°F)	120 V (U.S.)	**11-476-115**
	°C display				**11-476-116**

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Lab Coats

Fisherbrand™ Unisex Lab Coats

Made of 65/35 polycotton, these reusable lab coats feature a standard pointed collar, a front snap closure, and knit wrist cuffs for a comfortable, secure fit.

White — Knit Wrist Cuffs

Cat. No.	Size	Quantity
19-181-560	XS	Each
19-181-561	S	Each
19-181-562	M	Each
19-181-563	L	Each
19-181-564	XL	Each
19-181-565	2XL	Each
19-181-566	3XL	Each
19-181-567	4XL	Each
19-181-568	5XL	Each

Blue — Knit Wrist Cuffs

Cat. No.	Size	Quantity
19-181-586	S	Each
19-181-587	M	Each
19-181-588	L	Each
19-181-589	XL	Each
19-181-590	2XL	Each
19-181-591	3XL	Each

Fisherbrand™ Lab Coats

Made of 65/35 polycotton, these reusable men's and women's lab coats feature a standard pointed collar and straight wrist cuffs. For men, the coats feature a front snap closure. Women's coats include button closures.

Men's – White

Cat. No.	Size	Quantity
19-181-577	XS	Each
19-181-569	S	Each
19-181-570	M	Each
19-181-571	L	Each
19-181-572	XL	Each
19-181-573	2XL	Each
19-181-574	3XL	Each
19-181-575	4XL	Each
19-181-576	5XL	Each

Women's – White

Cat. No.	Size	Quantity
19-181-578	XS	Each
19-181-579	S	Each
19-181-580	M	Each
19-181-581	L	Each
19-181-582	XL	Each
19-181-583	2XL	Each
19-181-584	3XL	Each
19-181-585	4XL	Each

Fisherbrand™ Unisex Cotton Lab Coats

These 100% cotton lab coats feature front snap closures, straight cuffs, and a pointed collar.

White – Straight Cuffs, Three Pockets

Cat. No.	Size	Quantity
19-181-592	S	Each
19-181-593	M	Each
19-181-594	L	Each
19-181-595	XL	Each
19-181-596	2XL	Each
19-181-597	3XL	Each

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First Aid

Fisherbrand™ 50 Person Class A First Aid/Burn Kit

Perfect for small workspaces, these Class A first aid kits provide a range of products for treating common workplace injuries including minor cuts, abrasions, burns, and eye injuries.

Cat. No.	Description	Quantity
19-090-860	Metal First Aid Kit to Treat Up to 50 People	Each

Safety Eyewear

Fisherbrand™ Clear Safety Glasses

Lightweight, wraparound eye protection with an anti-scratch, clear lens. CE approved; meet ANSI™ Z87.1.

Cat. No.	Description	Quantity
19-181-514	Clear Lens, Clear Frame	Each

Fisherbrand™ 200 Series Safety Glasses

Economical, lightweight protection with a hard-coated lens. CSA approved; meet ANSI Z87.1-2003 standards.

Cat. No.	Description	Quantity
19-130-2088	Black Frame	Pack of 12
19-130-2089	Blue Frame	Pack of 12

Fisherbrand™ Visitorspec Safety Glasses

Visitor protection for industrial or medical settings; meet ANSI Z87.1-2003 standards.

Cat. No.	Description	Quantity
19-130-2090	Uncoated Lens	Pack of 12
19-130-2091	Scratch-Resistant Lens	Pack of 12

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Fisherbrand™ Safety Goggles

Comfortable scratch-resistant, anti-fog eye protection

Cat. No.	Description	Quantity
19-181-512	Clear Frame; Meet ANSI Z87+1B	Each
19-181-513	Gray Frame; Meet ANSI Z87.1 for Chemical Splash Protection	Each

Fisherbrand™ Economy Safety Goggles

Feature a clear, uncoated lens and a soft, flexible, ventilated PVC body.

Cat. No.	Description	Quantity
19-181-501	CSA Approved; Meet ANSI Z87.1-2003 for Impact Protection	Each
19-181-502	Meet ANSI Z87.1 for Chemical Splash Protection	Each

Fisherbrand™ Impact and Chemical Splash Goggles

Shield against dust, mist, and other airborne particles with an anti-fog, anti-scratch lens.

Cat. No.	Description	Quantity
19-181-503	Meet ANSI Z87.1-2003 for Impact Protection	Each
19-181-504	Meet ANSI Z87.1 for Chemical Splash Protection	Each

Boxes and Holders

Fisherbrand™ Acrylic Glove Box and Safety Glasses Holders

Made of clear, durable acrylic, these space-saving storage solutions mount vertically or horizontally and are perfect for laboratory organization.

Cat. No.	Description	Quantity
03-391-572	Fisherbrand Acrylic Paper Towel Dispenser, for C-Fold or Z-Fold Paper Towels	Each
03-391-573	Fisherbrand Acrylic Glove Box Holder, Holds 1 Box	Each
03-391-574	Fisherbrand Acrylic Glove Box Holder, Holds 2 Boxes	Each
03-391-575	Fisherbrand Acrylic Glove Box Holder, Holds 3 Boxes	Each
03-391-576	Fisherbrand Acrylic Glove Box Holder, Holds 4 Boxes	Each
03-391-578	Fisherbrand Acrylic Safety Glasses Holder, 12-Unit	Each

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Gowns/Frocks

Fisherbrand™ Polypropylene Isolation Gowns

Disposable, spunbond polypropylene isolation gowns provide protection from common dirt, dust and grime, minor splashes, and particulates. Gowns also feature elastic wrist cuffs and easy neck and waist ties.

Cat. No.	Size	Color	Quantity
12-893-005	XL	Yellow	Case of 100
12-893-005XXL	XXL	Yellow	Case of 100

Shoe Covers and Accessories

Fisherbrand™ Protective Disposable Shoe Covers

Compressed polyethylene shoe covers are seamless on the bottom and effectively contain dirt and moisture.

Cat. No.	Size	Quantity
12-896-001	Universal	Case of 2,000

Fisherbrand™ Protective Disposable Shoe Covers

Disposable, polypropylene 25 gsm SBPP non-skid shoe covers offer protection from contaminants.

Cat. No.	Size	Quantity
12-896-0022	Universal	Case of 1,000

Fisherbrand™ Protective Disposable Shoe Covers

Get maximum protection with these disposable, polypropylene shoe covers with non-skid PVC soles.

Cat. No.	Size	Quantity
12-896-0032	Universal	Case of 200

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Fisherbrand™ Pleated Disposable Bouffant Caps

These white, 10 to 12/gm spunbonded polypropylene single-use caps provide basic protection.

Cat. No.	Description	Quantity
12-897-001	21 in. Bouffants	Case of 2,000
12-897-002	24 in. Bouffants	Case of 2,000

Fisherbrand™ Round Bouffant Caps

Strong, lightweight, and breathable, featuring a comfortable, non-binding elastic band that holds the cap securely on the head.

Cat. No.	Description	Quantity
12-897-0012	21 in. Round Bouffant	Case of 2,000
12-897-0022	24 in. Round Bouffant	Case of 2,000

Fisherbrand™ Protective Disposable Facemasks

Single-use facemasks with a meltblown polypropylene filter that is thermally bonded between two layers of nonwoven polypropylene.

Cat. No.	Description	Quantity
12-888-001A	Blue; Ear Loops; 3-Ply	Case of 500

Fisherbrand™ Basic Protection Disposable Beard Covers

Cover beards and mustaches with white 10 g/m2 spunbond polypropylene and dual elastic.

Cat. No.	Size	Quantity
12-898-001	18 in.	Case of 2,000

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- Fixed Abbe condenser with filter holder
- NA 1.25 with iris

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- Infinity Optical System
- Inward facing 5 position turret nosepiece with click stops
- Brightfield or Brightfiled/Phase contrast configurations
- 4X/10X/20X/40X/100X (oil) Plan/Plan PH objectives
- 10X WF with 20mm FOV eyepieces

ILLUMINATION

- Eco friendly energy efficient 3W LED illumination
- Dimmer control for light intensity

STAGE

- Double layer XY mechanical stage
- Plain stage with slide clips 142mm x 132mm
- Movement range : 75mm x 50mm

FRAME

- Rugged durable metal frame construction
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Specifications

Hardware	Descriptions
Optical System	Infinity Optical System
Viewing Head	Trinocular Head, Inclined at 45°, 360° Rotatable, Diopter and Interpupillary Adjustment
Eyepiece	WF10X/20mm
Objective	High Contrast Plan 4X, 10X, 40XS, 100XS oil (03000012, 03000108) High Contrast Plan 4X, 10X, 40XS, 50XS oil, 100XS oil (03000104) High Contrast Plan Achromat 10X, 20X, 40XS, 100XS oil PH (03000106)
Nosepiece	5 Position Nosepiece
Conderser	Abbe Condenser NA 1.25 with Iris Diaphragm and Filter Holder (03000012, 03000104, 03000108) Phase contrast condenser (03000106)
Focusing System	Coaxial Coarse/Fine Focus. Adjustment Range 24mm, Fine Focus 0.0001mm
Stage	Double Layer Mechanical Stage 142 x 132mm, Moving Range 75 x 50mm
Polarization	Cross Polarization Kit (03000108)
Dimension	W 23.4 x D35 x H38.9 cm

Ordering Information

Product	Cat. No.
Infinity Optical System, Inclined 45° Trinocular, Coaxial Coarse/Fine Focus, High Contrast Plan 4X, 10X, 40XS, 100XS oil objectives	03000012
Infinity Optical System, Inclined 45° Trinocular, Coaxial Coarse/Fine Focus, High Contrast Plan 4X, 10X, 40XS, 50XS oil, 100XS oil objectives	03000104
Infinity Optical System, Inclined 45° Trinocular, Coaxial Coarse/Fine Focus, High Contrast Plan Achromat 10X, 20X, 40XS, 100XS oil PH objectives	03000106
Infinity Optical System, Inclined 45° Trinocular, Coaxial Coarse/Fine Focus, High Contrast Plan 4X, 10X, 40XS, 100XS oil objectives, Cross polarization	03000108

Specifications

Hardware	Descriptions
Optical System	Infinity Optical System
Viewing Head	Binocular Head, Inclined at 45º, 360º Rotatable, Diopter and Interpupillary Adjustment
Eyepiece	WF10X/20mm
Objective	High Contrast Plan 4X, 10X, 40XS, 100XS oil (03000011) High Contrast Plan 4X, 10X, 40XS, 50XS oil, 100XS oil (03000103) High Contrast Plan Achromat 10X, 20X, 40XS, 100XS oil PH (03000105)
Nosepiece	5 Position Nosepiece
Conderser	Abbe Condenser NA 1.25 with Iris Diaphragm and Filter Holder (03000011, 03000103, 03000105, 03000107) Phase contrast condenser (03000105)
Focusing System	Coaxial Coarse/Fine Focus. Adjustment Range 24mm, Fine Focus 0.0001mm
Stage	Double Layer Mechanical Stage 142 x 132mm, Moving Range 75 x 50mm
Polarization	Cross Polarization Kit (03000107)
Dimension	W23.4 x D35 x H38.9 cm

Ordering Information

Product	Cat. No.
Infinity Optical System, Inclined 45º Binocular, Coaxial Coarse/Fine Focus, High Contrast Plan 4X, 10X, 40XS, 100XS oil objectives	03000011
Infinity Optical System, Inclined 45º Binocular, Coaxial Coarse/Fine Focus, High Contrast Plan 4X, 10X, 40XS, 50XS oil, 100XS oil objectives	03000103
Infinity Optical System, Inclined 45º Binocular, Coaxial Coarse/Fine Focus, High Contrast Plan Achromat 10X, 20X, 40XS, 100XS oil PH objectives	03000105
Infinity Optical System, Inclined 45º Binocular, Coaxial Coarse/Fine Focus, High Contrast Plan 4X, 10X, 40XS, 100XS oil objectives, Cross polarization	03000107
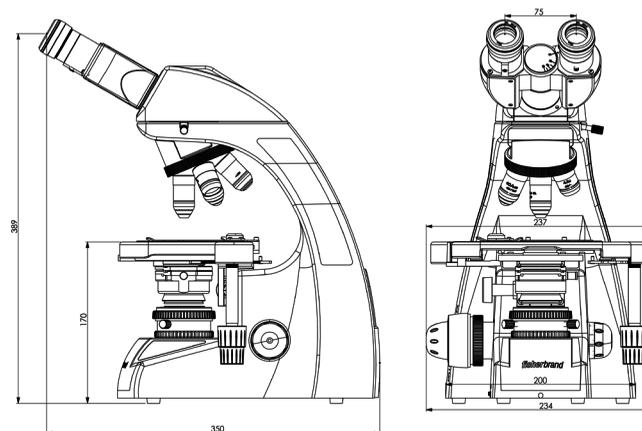
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- Rocker on/off switch located on top of base
- Light intensity controls

FOCUSING

- Coaxial coarse and fine focus adjustment
- Tension adjustments
- Fine focus drive movement of 0.001mm division
- Rack stop adjustment for protecting objective and spcimen slides from accidental breakage

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Specifications

Hardware	Descriptions
Optical System	Infinity Optical System
Viewing Head	Trinocular Head, Inclined at 45º, 360º Rotatable, Diopter and Interpupillary Adjustment
Eyepiece	WF10X/20mm
Objective	Plan 4X, 10X, 40XS, 100XS oil (03000024, 03000025, 03000026, 03000029, 03000030, 03000032, 03000033) Plan 10X & 20x PH, 40XS, 100XS oil BF (03000027) Plan Achromat 10X, 20X, 40XS, 100XS oil PH (03000031, 03000034)
Nosepiece	4 Position Nosepiece (03000024, 03000025, 03000027, 03000029, 03000030, 03000031, 03000034) 5 Position Nosepiece (03000026, 03000032, 03000033)
Conderser	Abbe Condenser NA 1.25 with Iris Diaphragm and Filter Holder (03000024, 03000025, 03000026, 03000029, 03000030, 03000032, 03000033) Phase contrast condenser (03000027, 03000031, 03000034)
Focusing System	Coaxial Coarse/Fine Focus. Adjustment Range 24mm, Fine Focus 0.0001mm
Stage	Double Layer Mechanical Stage 142 x 132mm, Moving Range 75 x 50mm
Camera	3MP Color Camera (03000024, 03000026, 03000027) 5MP Color Camera (03000029) 10MP Color Camera (03000030, 03000033, 03000034) 1080P HDMI Color Camera (03000025, 03000031, 03000032)
C-Mount Adapter	0.5 x C-mount
Dimension	W23.4 x D35 x H38.9 cm

Ordering Information

Product	Cat. No.
Infinity Optical System, Inclined 45º Trinocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Plan achromat objectives, 3MP color camera	03000024
Infinity Optical System, Inclined 45º Trinocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Plan achromat objectives, 1080P HMDI color camera	03000025
Infinity Optical System, Inclined 45º Trinocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Plan achromat objectives, 3MP color camera	03000026
Infinity Optical System, Inclined 45º Trinocular, Coaxial Coarse/Fine Focus, 10X & 20X PH, and 40XS & 100XS oil BF Plan achromat objectives, 3MP color camera	03000027
Infinity Optical System, Inclined 45º Trinocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Plan achromat objectives, 5MP color camera	03000029
Infinity Optical System, Inclined 45º Trinocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Plan achromat objectives, 10MP color camera	03000030
Infinity Optical System, Inclined 45º Trinocular, Coaxial Coarse/Fine Focus, 10X, 20X, 40XS, 100XS oil PH Plan achromat objectives, 1080P HDMI color camera	03000031
Infinity Optical System, Inclined 45º Trinocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Plan achromat objectives, 1080P HDMI color camera	03000032
Infinity Optical System, Inclined 45º Trinocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Plan achromat objectives, 10MP color camera	03000033
Infinity Optical System, Inclined 45º Trinocular, Coaxial Coarse/Fine Focus, 10X, 20X, 40XS, 100XS oil PH Plan achromat objectives, 10MP color camera	03000034

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Specifications

Hardware	Descriptions
Optical System	Infinity Optical System
Viewing Head	Trinocular Head, Inclined at 45°, 360° Rotatable, Diopter and Interpupillary Adjustment
Eyepiece	WF10X/20mm
Objective	Plan 4X, 10X, 40XS, 100XS oil (03000007, 03000008)

Plan 10X & 20x PH, 40XS, 100XS oil BF (03000009, 03000010) |
| Nosepiece | 5 Position Nosepiece |
| Conderser | Abbe Condenser NA 1.25 with Iris Diaphragm and Filter Holder (03000009, 03000010)

Phase contrast condenser (03000007, 03000008) |
Focusing System	Coaxial Coarse/Fine Focus. Adjustment Range 24mm, Fine Focus 0.0001mm
Stage	Double Layer Mechanical Stage 142 x 132mm, Moving Range 75 x 50mm
Dimension	W23.4 x D35 x H38.9 cm

Ordering Information

Product	Cat. No.
Infinity Optical System, Inclined 45° Binocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Plan achromat objectives	03000007
Infinity Optical System, Inclined 45° Binocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Plan achromat objectives	03000009
Infinity Optical System, Inclined 45° Trinocular, Coaxial Coarse/Fine Focus, 10X & 20X PH, and 40XS & 100XS oil BF Plan achromat objectives	03000008
Infinity Optical System, Inclined 45° Trinocular, Coaxial Coarse/Fine Focus, 10X & 20X PH, and 40XS & 100XS oil BF Plan achromat objectives	03000010
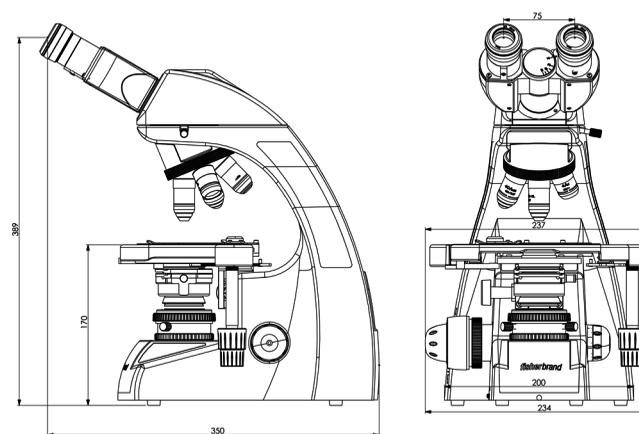
Measurements are in mm, overall dimension may change slightly depending on model

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email: ecommerce@newteclab.mx

Research Grade Stereo Zoom Microscope

Stereo microscopes for macro-sized specimens, ideal for college students

Unique Features:

VIEWING HEAD

- Binoc/Trinocular viewing head with 45° angle
- Interpupillary adjustment 54mm to 76mm
- Diopter adjustement

PRESETS

- Transmitted only
- Reflected only
- Discopic only
- Darkfield only
- Reflected and Transmitted
- All on (DF, DI, REFL, TRANS)

FOCUSING

- 100mm working distance
- 40mm height adjustment on focusing mechanism
- Coarse focus adjustement

OPTICAL SYSTEM

- 10X WF eyepieces
- Continuous zoom control
- 0.7X - 4.5X objective
- Zoom ratio 1 : 6.4

ILLUMINATION

- LED ring in transmitted light provides homogeneous light distribution
- LED incident illumination
- Eco friendly energy efficient LED illumination
- Membrane switch controls
- LED light indicator on membrane switch identifies which lighting technique is turned on

STAND

- Low profile plain stage with clips
- Large track stand to accomodate larger samples
- Compact design

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Specifications

Hardware	Descriptions
Viewing Head	Stereo Binocular Viewing Head, Inclined at 45°. (03000014) Stereo Trinocular Viewing Head, Inclined at 45°. (03000015)
Interpupillary distance	54mm - 76mm
Eyepiece	WF10X/FOV 20mm
Zoom Objective	0.75X - 4.5X
Zoom Ratio	1 : 6.4
Working Distance	100mm
Insert Round Plate	Glass/Black & White Stage Plate
Illumination	LED Transmitted Illumination, LED Incident Illuminatiom
Dimensions	W22 x D33 x H33.6 cm

Ordering Information

Product	Cat. No.
45º Inclined Binocular Head, Interpupillary Range 54mm - 76mm, Coarse Focus, 7X - 45X mag, Low Profile LED Stand, Transmited/ Reflected Illumination	03000014
45º Inclined Trinocular Head, Interpupillary Range 52mm - 75mm, Coarse Focus, 7X - 45X mag, Low Profile LED Stand, Transmitted/ Reflected	03000015
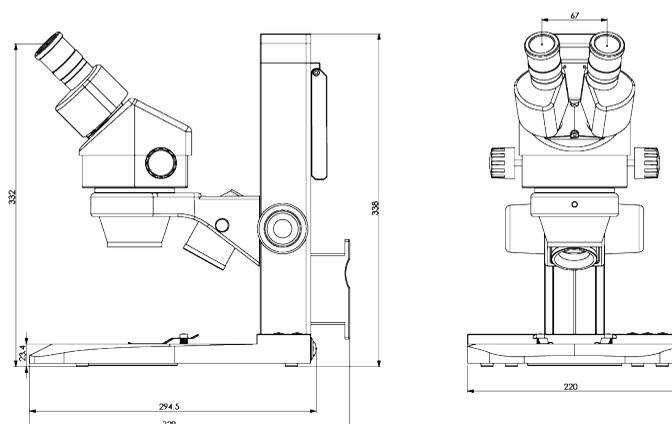
Measurements are in mm, overall dimension may change slightly depending on model

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Entry Level Research Grade Inverted Microscope

Simple, easy-to-use entry level inverted microscope, which is perfect for education, or a quick check of your cells health

Unique Features:

VIEWING HEAD

- Siedentopf Trinocular head with 30° incline
- 82/20 split between camera and eyepieces
- Dual eyepiece diopter adjustment -8° to +5°
- Interpupillary adjustment distance of 48mm – 76mm
- Ability to attach a camera

CONDENSER

- 72 mm WD Abbe Condenser w/ Phase slider
- Removable Condenser allows for up to 195mm WD to accommodate large vessels
- NA 0.30 with iris diaphragm

FOCUSING

- Coaxial coarse & fine focusing adjustment
- Tension adjustments
- Fine focus drive movement of 0.001mm divisions
- Moving range: 24mm
- Rack stop adjustment for protecting objective and specimen slides from accidental breakage

OPTICAL SYSTEM

- Infinity optical system
- Backward facing 5 position turret nosepiece w/ click stops
- LWD 4x PL BF, & 10X, 20X LWD PL PH objectives
- 10X WF w/ 22mm FOV eyepiece
- Corrected for glasses

ILLUMINATION

- Eco-friendly and energy efficient 5W LED illumination
- Dimmer control for light intensity
- which lighting technique is turned on

STAND

- Rugged, durable metal frame construction
- Stage size: 240mm (x) x 210mm (y)
- Rocker on/off switch
- Compact design

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Specifications

Hardware	Descriptions
Viewing Head	Trinocular Viewing Head, Inclined at 45°.
Interpupillary distance	48mm - 76mm
Eyepiece	WF10X w/22mm FOV
Objective	4X BF, and 10x/20x PH LWD Plan Achromat
Nosepiece	5 Position Nosepiece
Condenser	Long Working Distance (LWD), Detachable, 0.3 NA
Working Distance	70 mm w/ Condenser & 195 mm wo/Condenser
Stand	Inverted Compound Stand
Stage Plate	Fixed, Plan Stage
Illumination	LED Illumination
Trinoc Port	100:0 Split 80:20 Split (80% Camera/20% Eyepiece)
Dimension	W22 x D32.9 x H36 cm

Ordering Information

Product	Cat. No.
Trinocular Head, Inverted Stand 4x BF & 10x, 20x PH LWD Objective, LED Illumination	03000013

Magnification

Type	Magnification	N.A	WD (mm)
LWD Inf Plan BF Objectives	4x	0.11	12.1
LWD Inf Plan PH Objectives	10x	0.25	8.3
	20x	0.40	7.2
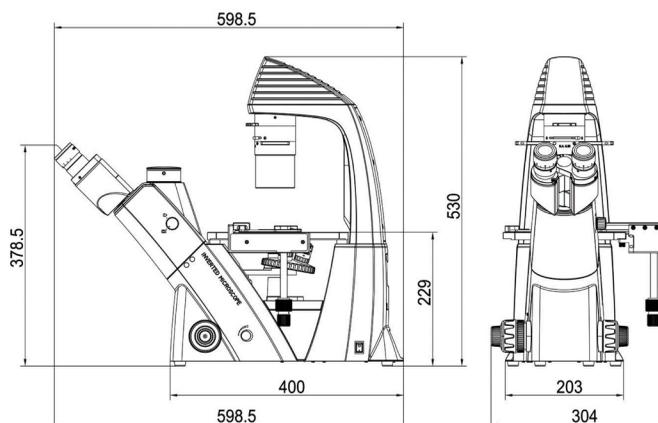
Measurements are in mm, overall dimension may change slightly depending on model

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Entry Level
Upright Microscope

Entry level upright microscope provides exceptional price/quality ratio, and perfect for educational purposes or basic lab use

Unique Features:

VIEWING HEAD

- Monocular and binocular head with 30° incline and 360° rotation

CONDENSER

- Fixed Abbe condenser with filter holder
- NA 1.25 with iris

OPTICAL SYSTEM

- Finite Optical System
- Inward facing 4 position turret nosepiece with click stops
- 4X/10X/40X/100X (oil) achro objectives
- 10X WF with 18mm FOV eyepieces

ILLUMINATION

- Eco friendly energy efficient 3W LED illumination
- Dimmer control for light intensity

STAGE

- Double layer XY mechanical stage
- Plain stage with slide clips 110mm x 125mm
- Movement range : 35mm x 50mm

FRAME

- Rugged durable metal frame construction
- Leight weight design makes it easy for students to move it around
- Convinient rubberised carrying handle
- Cord wrap power adapter storage
- Rocker on/off switch located on top of base
- Light intensity controls

FOCUSING

- Coaxial coarse and fine focus adjustment
- Tension adjustments
- Fine focus drive movement of 0.002mm division
- Rack stop adjustment for protecting objective and spcimen slides from accidental breakage

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Specifications

Hardware	Descriptions
Optical System	Finite Optical System
Viewing Head	Monocular Head, Inclined at 30º, 360º Rotatable, Diopter and Interpupillary Adjustment (03-000-000, 03-000-002, 03-000-004) Binocular Head, Inclined at 45º, 360º Rotatable, Diopter and Interpupillary Adjustment (03-000-001, 03-000-003, 03-000-005, 03-000-006)
Eyepiece	WF10X/18mm
Objective	Achromat 4X, 10X, 40Xs, 100XS oil (03-000-000, 03-000-001) HC Semi-Plan 4X, 10X, 40XS, 100XS oil (03-000-002, 03-000-003) Plan Phase 4X, 10X, 40XS, 100XS oil (03-000-006) Plan Achromat 4X, 10X, 40XS, 100XS oil (03-000-004, 03-000-005)
Nosepiece	4 Position Nosepiece
Conderser	Abbe Condenser NA 1.25 with Iris Diaphragm and Filter Holder (03-000-000, 03-000-001, 03-000-002, 03-000-003, 03-000-004, 03-000-005) Phase contrast condenser (03-000-006)
Focusing System	Coaxial Coarse/Fine Focus. Adjustment Range 36mm, Fine Focus 0.0002mm
Stage	Double Layer Mechanical Stage 110 x 125mm, Moving Range 30 x 75mm
Dimension	W17.7 x D22.7 x H33.7 cm

Ordering Information

Product	Cat. No.
Finite Optical System, Inclined 30º Monocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil achromat objectives	03-000-000
Finite Optical System, Inclined 30º Binocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil achromat objectives	03-000-001
Finite Optical System, Inclined 30º Monocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil HC Semi-Plan objectives	03-000-002
Infinity Optical System, Inclined 30º Binocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil HC Semi-Plan objectives	03-000-003
Infinity Optical System, Inclined 30º Monocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Planachromat objectives	03-000-004
Infinity Optical System, Inclined 30º Binocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Planachromat objectives	03-000-005
Infinity Optical System, Inclined 30º Binocular, Coaxial Coarse/Fine Focus, 4X, 10X, 40XS, 100XS oil Plan Phase objectives	03-000-006
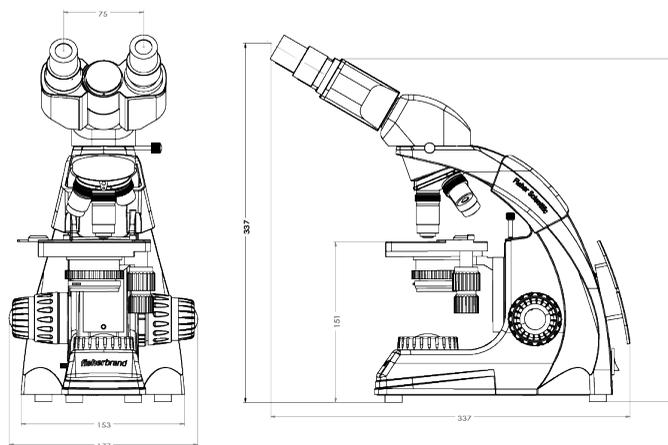
Measurements are in mm, overall dimension may change slightly depending on model

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Fixed Magnification Entry Level Stereo Microscope

Basic, fixed magnifications stereo microscope; perfect for the simple jobs

Unique Features:

VIEWING HEAD

- Binocular viewing head with 45° angle
- Interpupillary adjustment 55mm to 75mm
- Diopter adjustement

PRESETS

- Transmitted only
- Reflected only
- Discopic only
- Darkfield only
- Reflected and Transmitted
- All on (DF, DI, REFL, TRANS)

FOCUSING

- 70mm working distance
- 40mm height adjustment
- Coarse focus

OPTICAL SYSTEM

- Superior Optical Clarity
- 10X WF eyepieces
- Dual magnification
- 1X/3X or 2X/4X

ILLUMINATION

- LED ring in transmitted light provides homogeneous light distribution
- LED incident illumination
- Eco friendly energy efficient LED system
- Membrane switch controls
- LED light indicator on membrane switch identifies which lighting technique is turned on

STAND

- Low profile plain stage with clips
- Pole stand to accomodate larger samples
- Compact design

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Specifications

Hardware	Descriptions
Viewing Head	Binocular Viewing Head, Inclined at 45°. Interpupillary Distance 55mm - 75mm
Eyepiece	WF10X
Zoom Objective	2X, 4X (03000038) 1X, 3X (03000037)
Focusing System	Coarse Adjustment Range 40mm
Working Distance	Working Distance 57mm
Stage	Frosted, Glass/Black & White Stage Plate
Illumination	LED Incident Illumination LED Transmitted Illumination
Dimensions	W15.4 x D20.3 x H24.2 cm

Magnification Chart

Model	Magnification
10X eyepiece with 1X/3X	10X, 30X
10X eyepiece with 2X/4X	20X, 40X

Ordering Information

Product	Cat. No.
45° Inclined Binocular Head, Interpupillary Range 55mm - 75mm, Coarse Focus, 1X/3X objective, Low Profile LED Stand, Transmitted/Reflected, 10X eyepieces	03000037
45° Inclined Binocular Head, Interpupillary Range 55mm - 75mm, Coarse Focus, 2X/4X, 1X/3X objective, Low Profile LED Stand, Transmitted/Reflected, Rechargable, 10X eyepieces	03000038
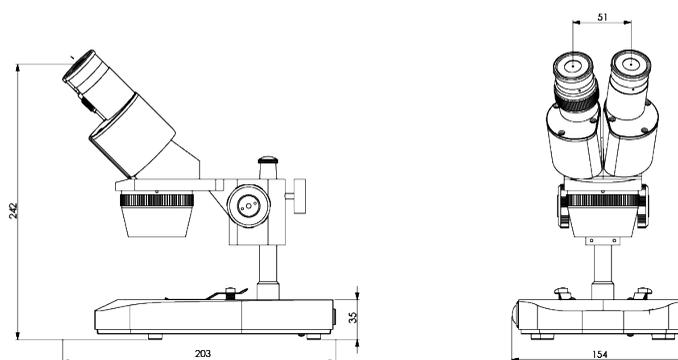
Measurements are in mm, overall dimension may change slightly depending on model

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Basic Stereo Zoom Microscope

Stereo microscopes for macro-sized specimens, ideal for college students

Unique Features:

VIEWING HEAD

- Binoc/Trinocular viewing head with 45° angle
- Interpupillary adjustment 52mm to 75mm
- Diopter adjustement
- Auxillary lenses/Camera options available

PRESETS

- Transmitted only
- Reflected only
- Discopic only
- Darkfield only
- Reflected and Transmitted
- All on (DF, DI, REFL, TRANS)

FOCUSING

- 70mm working distance
- 40mm height adjustment on focusing mechanism
- Coarse focus adjustement

OPTICAL SYSTEM

- 10X WF eyepieces
- Continuous zoom control
- 1X - 4X objective
- Zoom ratio 1 : 4

ILLUMINATION

- LED ring in transmitted light provides homogeneous light distribution
- LED incident illumination
- Eco friendly energy efficient LED illumination
- Membrane switch controls
- LED light indicator on membrane switch identifies which lighting technique is turned on

STAND

- Low profile plain stage with clips
- Track stand
- Compact design

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Specifications

Hardware	Descriptions
Viewing Head	Stereo Binocular Viewing Head, Inclined at 45°. (03000018, 03000019, 03000020, 03000039) Stereo Trinocular Viewing Head, Inclined at 45°. (03000021, 03000022, 03000023, 03000028)
Interpupillary Distance	52mm - 76mm
Eyepiece	WF10X
Zoom Objective	1X - 4X
Zoom Ratio	1 : 4
Auxillary Objective	2X
Working Distance	70mm
Stand	Post Stand with Illumination (03000018, 03000021, 03000039, 03000028) No Illumination (03000019, 03000022) Boom Stand No Illumination (03000020, 03000023)
Stage Plate	(03000018, 03000021, 03000039, 03000028)
Illumination	LED Incident Illuminatiom, LED Transmitted Illumination (03000018, 03000021, 03000039, 03000028)
C-mount	0.5X (03000028)
Camera	3MP Color (03000028)
Dimension	W22 x D32.9 x H36 cm

Ordering Information

Product	Cat. No.
Binocular Head, Objective, Low Profile Stand, Transmited/Reflected Illumination	03000018
Binocular Head, Low Profile Plain Stand, No Illumination	03000019
Binocular Head, Boom stand No Illumination	03000020
Trinocular Head, Low Profile LED Stand, Transmitted/Reflected	03000021
Stereo Trinocular Head, Low Profile Stand, No Illumination	03000022
Trinocular Head, Boom Stand, No Illumination	03000023
Binocular Head, Low Profile LED Stand, Transmitted/Reflected	03000039
Trinocular Head, Low Profile LED Stand, Transmitted/Reflected, 0.5X C-mount, 3MP Color Camera	03000028

Magnification Chart

Model	Magnification
10X eyepiece with 1X/3X	10X, 30X
10X eyepiece with 2X/4X	20X, 40X
5X eyepiece with 1X/3X	15X, 30X
15X eyepieces with 2X/4X	30X, 60X
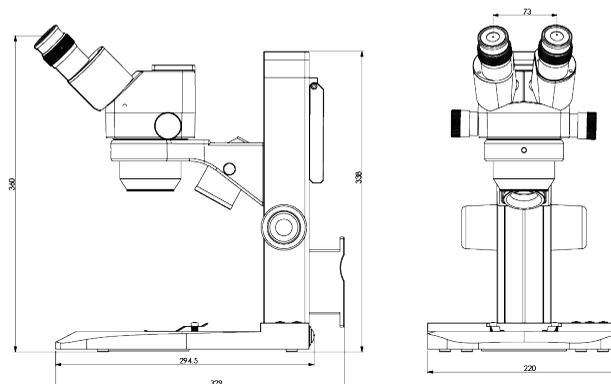
Measurements are in mm, overall dimension may change slightly depending on model

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High School Series
Stereo Microscope

Stereo microscopes for macro-sized specimens, ideal for high school classrooms

Unique Features:

VIEWING HEAD

- Binocular viewing head with 60° incline
- Interpupillary adjustment 54mm to 76mm
- Diopter adjustement

PRESETS

- Transmitted only
- Reflected only
- Discopic only
- Darkfield only
- Reflected and Transmitted
- All on (DF, DI, REFL, TRANS)

OPTICAL SYSTEM

- Superior Optical Clarity
- 10X WF eyepieces
- Dual magnification

ILLUMINATION

- LED ring in transmitted light provides homogeneous light distribution
- LED incident illumination
- Eco friendly energy efficient LED system
- Membrane switch controls
- LED light indicator on membrane switch identifies which lighting technique is turned on

FOCUSING

- 70mm working distance
- 40mm to 110mm height adjustment
- Coarse focus adjustement

STAND

- Low profile plain stage with clips
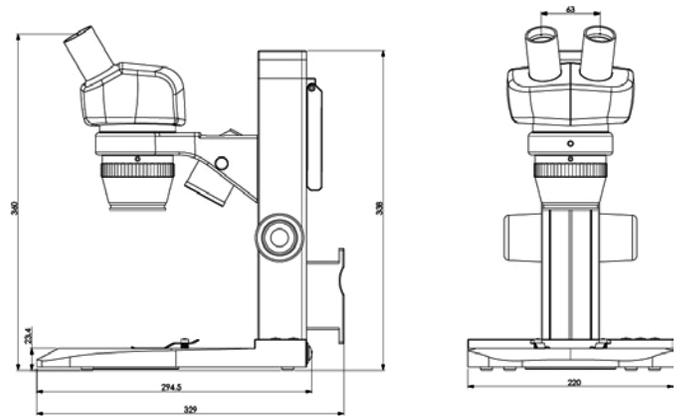- Plain stand for stability
- Compact design

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Specifications

Hardware	Descriptions
Viewing Head	Binocular Viewing Head, Inclined at 60°. Interpupillary Distance 54mm - 76mm
Eyepiece	WF10X (03000035, 03000036)
	WF15X (03000016)
Objective	2X, 4X (03000036)
	1X, 3X (03000016, 03000035)
Focusing System	Coarse Adjustment Range 40mm to 110mm
Working Distance	Working Distance 70mm
Stage	Frosted, Glass/Black & White Stage Plate
Illumination	LED Incident Illumination LED Transmitted Illumination
Dimensions	W21.5 x D28 x H39 cm

Magnification Chart

Model	Magnification
10X eyepiece with 1X/3X	10X, 30X
10X eyepiece with 2X/4X	20X, 40X
15X eyepiece with 1X/3X	15X, 45X

Ordering Information

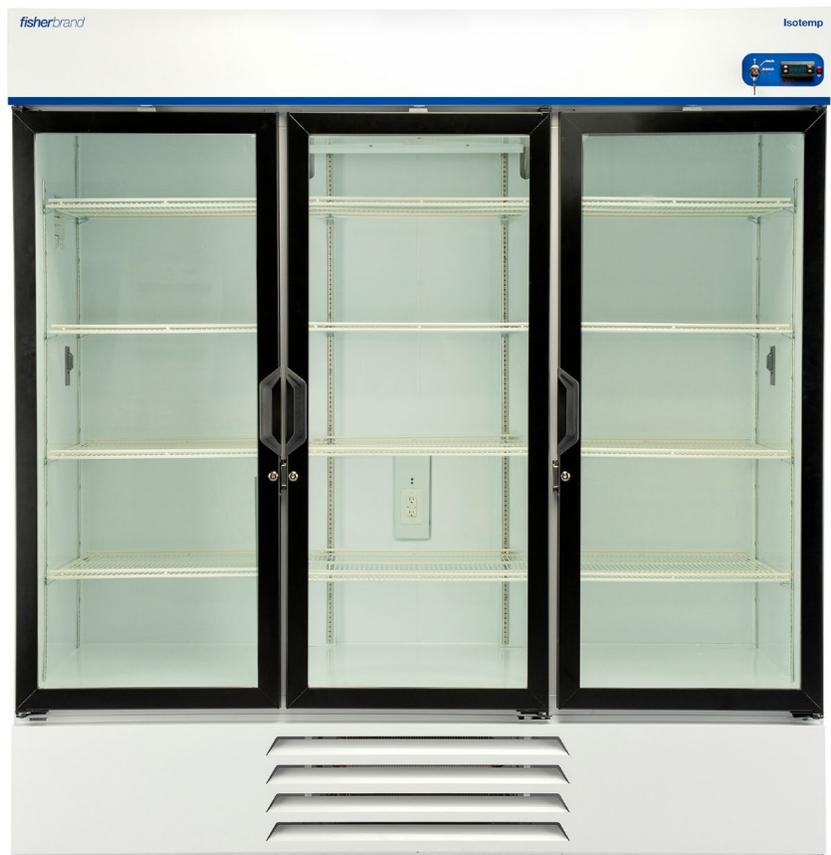| Product	Cat. No.
15x eyepiece, 60° Inclined Binocular Head, Interpupillary Range 54mm - 76mm, Coarse Focus, 1X/3X objective, Low Profile Plain Stand, Transmitted/Reflected illumination	03000016
10x eyepiece, 60° Inclined Binocular Head, Interpupillary Range 55mm - 75mm, Coarse Focus, 1X/3X objective, Low Profile Plain Stand, Low Profile LED Stand, Transmitted/Reflected	03000035
10x eyepiece, 60° Inclined Binocular Head, Interpupillary Range 54mm - 76mm, Coarse Focus, 2X/4X objective, Low Profile Plain Stand, Transmitted/Reflected illumination	03000036

Measurements are in mm, overall dimension may change slightly depending on model

NEWTECLAB
nueva tecnología en laboratorios

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Fisherbrand Isotemp Laboratory Refrigerators and Freezers

Reliable Sample Storage and Protection

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Meet Your Everyday Laboratory Needs

Fisherbrand™ Isotemp™ General Purpose Laboratory and Chromatography Refrigerators and Laboratory Freezers are designed for basic use and to meet the day-to-day operation requirements of research, clinical, and industrial laboratories storing reagents, media, proteins, and samples.

Isotemp general purpose cold storage products are built with the security and quality features you have come to expect from Fisherbrand products.

- EPA ENERGY STAR™ certified and UL (U.S.) certified

- Whisper-quiet refrigeration systems

- Safety sensor protected interior outlet on chromatography models

- Audible and visual alarms for temperature, power failure, and door ajar*

- Natural green refrigerants

- Warranty: two years for parts and labor plus three years for the compressor

*Does not apply to models with sliding doors.

Built for Performance, Security, and Quality

Performance

- Refrigerators: 2° to 10°C cabinet temperature range (5°C factory setpoint)
- Freezers: -12° to -30°C cabinet temperature range (-23°C factory setpoint)
- 51dBA whisper-quiet operation
- Low heat output
- Adaptive defrost
- Digital controller
- ENERGY STAR certified
- Green refrigerants

Security

- High and low temperature alarms (audible and visual)
- Door ajar alarm (except sliding glass door models)
- Power failure alarm with battery backup
- Remote alarm contacts
- Keyed door locks
- Hydrocarbon safety sensor protected interior duplex outlet (chromatography models only)

Quality

- Two years parts and labor, plus three-year compressor warranty
- cULus certified
- Refrigerators: painted steel exterior in white or gray
- Freezers: painted steel exterior, stainless-steel door
- Stainless-steel interior available on some models
- Reduced compressor cycle time improves reliability

Interior Outlet (option)

Keyed door lock

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Ordering Information

Fisherbrand Isotemp General Purpose Laboratory Refrigerators are available in a range of cabinet sizes (from 12 to 72 cu. ft.).

They also feature:

- Your choice of double-pane glass or solid doors
- Your choice of a white painted exterior/interior or gray exterior with stainless-steel interior
- LED interior lighting
- Single, rear-access port

Cat. No.	Capacity	Door Type (Number)	Color (Exterior/Interior)	No. of Shelves	Exterior Dimensions (H x W x D)	Shipping Weight
FBG12RPGA	12 cu. ft. (339L)	Glass (1)	White/White	4	75.8 x 24.75 x 25 in. 193 x 63 x 64cm)	230 lb. (105kg)
FBG25RPGA	23 cu. ft. (651L)	Glass (1)	White/White	4	81 x 27.75 x 32 in. (206 x 71 x 81cm)	392 lb. (178kg)
FBG30RPGA	27 cu. ft. (764L)	Glass (1)	White/White	4	81 x 30.75 x 32 in. (206 x 78 x 81cm)	386 lb. (175kg)
FBG45RPLA	45 cu. ft. (1274L)	Sliding Glass (2)	White/White	8	81 x 52.7 x 32 in. (206 x 134 x 81cm)	561 lb. (255kg)
FBG49RPGA	49 cu. ft. (1387L)	Glass (2)	White/White	8	81 x 52.7 x 32 in. (206 x 134 x 81cm)	597 lb. (271kg)
FBG72RPGA	72 cu. ft. (2038L)	Glass (3)	White/White	12	81 x 75.7 x 32 in. (206 x 192 x 81cm)	733 lb. (332kg)
FBG25RPSA	23 cu. ft. (651L)	Solid (1)	White/White	4	81 x 27.75 x 32 in. (206 x 71 x 81cm)	392 lb. (178kg)
FBG30RPSA	27 cu. ft. (764L)	Solid (1)	White/White	4	81 x 30.75 x 32 in. (206 x 78 x 81cm)	386 lb. (175kg)
FBG49RPSA	49 cu. ft. (1387L)	Solid (2)	White/White	8	81 x 52.7 x 32 in. (206 x 134 x 81cm)	597 lb. (271kg)
FBG25RSGA	23 cu. ft. (651L)	Glass (1)	Gray/Stainless Steel	4	81 x 27.75 x 32 in. (206 x 71 x 81cm)	392 lb. (178kg)
FBG30RSGA	27 cu. ft. (764L)	Glass (1)	Gray/Stainless Steel	4	81 x 30.75 x 32 in. (206 x 78 x 81cm)	386 lb. (175kg)
FBG45RSLA	45 cu. ft. (1274L)	Sliding Glass (2)	Gray/Stainless Steel	8	81 x 52.7 x 32 in. (206 x 134 x 81cm)	561 lb. (255kg)
FBG49RSGA	49 cu. ft. (1387L)	Glass (2)	Gray/Stainless Steel	8	81 x 52.7 x 32 in. (206 x 134 x 81cm)	597 lb. (271kg)
FBG72RSGA	72 cu. ft. (2038L)	Glass (3)	Gray/Stainless Steel	12	81 x 75.7 x 32 in. (206 x 192 x 81cm)	733 lb. (332kg)
FBG25RSSA	23 cu. ft. (651L)	Solid (1)	Gray/Stainless Steel	4	81 x 27.75 x 32 in. (206 x 71 x 81cm)	392 lb. (178kg)
FBG30RSSA	27 cu. ft. (764L)	Solid (1)	Gray/Stainless Steel	4	81 x 30.75 x 32 in. (206 x 78 x 81cm)	386 lb. (175kg)
FBG49RSSA	49 cu. ft. (1387L)	Solid (2)	Gray/Stainless Steel	8	81 x 52.7 x 32 in. (206 x 134 x 81cm)	597 lb. (271kg)

Ordering Information, Continued

Fisherbrand Isotemp Chromatography Refrigerators are available in sizes from 30 to 72 cu. ft.

They also feature:

- A hydrocarbon safety sensor protected interior duplex outlet
- Double-pane glass doors
- LED interior lighting
- Your choice of white painted interior and exterior or stainless-steel interior and gray exterior
- Single, rear-access port, two 2 in. side-access ports

Cat. No.	Capacity	Door Type (Number)	Color (Exterior/Interior)	No. of Shelves	Exterior Dimensions (H x W x D)	Shipping Weight
FBG30CPGA	27 cu. ft. (764L)	Glass (1)	White/White	4 (3)	81 x 30.75 x 32 in. (206 x 78 x 81cm)	386 lb. (175kg)
FBG45CPLA	45 cu. ft. (1274L)	Sliding Glass (2)	White/White	8 (2)	81 x 52.7 x 32 in. (206 x 134 x 81cm)	561 lb. (255kg)
FBG49CPGA	49 cu. ft. (1387L)	Glass (2)	White/White	8 (2)	81 x 52.7 x 32 in. (206 x 134 x 81cm)	597 lb. (271kg)
FBG72CPGA	72 cu. ft. (2038L)	Glass (3)	White/White	12 (2)	81 x 75.7 x 32 in. (206 x 192 x 81cm)	733 lb. (332kg)
FBG30CSGA	27 cu. ft. (764L)	Glass (1)	Gray/Stainless Steel	4 (3)	81 x 30.75 x 32 in. (206 x 78 x 81cm)	386 lb. (175kg)
FBG45CSLA	45 cu. ft. (1274L)	Sliding Glass (2)	Gray/Stainless Steel	8 (2)	81 x 52.7 x 32 in. (206 x 134 x 81cm)	561 lb. (255kg)
FBG49CSGA	49 cu. ft. (1387L)	Glass (2)	Gray/Stainless Steel	8 (2)	81 x 52.7 x 32 in. (206 x 134 x 81cm)	597 lb. (271kg)
FBG72CSGA	72 cu. ft. (2038L)	Glass (3)	Gray/Stainless Steel	12 (2)	81 x 75.7 x 32 in. (206 x 192 x 81cm)	733 lb. (332kg)

Fisherbrand Isotemp General Purpose Laboratory Freezers are available in a range of sizes (25 cu. ft. or 49 cu. ft.).

They also feature:

- Your choice of double or single doors
- Painted steel exterior, stainless-steel door
- LED interior lighting
- Single, rear-access port

Cat. No.	Capacity	Door Type (Number)	Cabinet Material	Number of Shelves	Exterior Dimensions	72 cu. ft.
FBG25FSSA	24.7 cu. ft. (700L)	Solid (1)	Stainless Steel	3	82 x 30 x 33.75 in. (2082 x 762 x 857.3mm)	516 lb. (234kg)
FBG49FSSA	48.98 cu. ft. (1387L)	Solid (1)	Stainless Steel	6	82 x 52 x 33.75 in.	7514TA

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Accessories

General-Purpose Refrigerator Accessories

Shelves	12 cu. ft.	23 cu. ft.	27 cu. ft.	45 and 49 cu. ft.	72 cu. ft.
Full Shelf, White	7510TA	7511TA	AY2100X1	AY2095X2	AY2102X2
Full Shelf, Gray		7512TA	7513TA	AY2098X1	7514TA
Half Shelf, White			AY2020X2	7520TA	AY2102X1
Half Shelf, Gray			7518TA	7521TA	7522TA

Each shelf or half-shelf includes four mounting clips.

General-Purpose Laboratory Freezer Accessories

For Use with Freezer Size	24.7 cu. ft. (700 L)	48.98 cu. ft. (1387 L)
Customer-Installed Accessories	Model No.	Model No.
Full Shelf with Clips (1 White Wire Shelf and 4 Mounting Clips)	AY2100X1	AY2102X2
6 in. 7-day Inkless Chart Recorders, -40° to +25°C	Model No. (All Sizes)	
Free-Standing, Customer-Installed, 115V, 60Hz Models	6383-7A	
Replacement Chart Paper, Box of 50	6184	

Chart Recorders

Description	Cat. No.
7-Day Inkless Chart Recorder, 6 in. Diameter, Customer Installed	**6383-7A**
Replacement Chart Paper, 50 Charts/Pack	**6184**

Fisherbrand Undercounter Refrigerators

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Fisherbrand Isotemp -50°C to -86°C Ultra-Low Temperature Freezers

Fisherbrand™ Isotemp™ Ultra-Low-Temperature Freezers combine reliability and performance with cost-effective operation and innovative features. They are built using an advanced technology platform, refrigeration, microprocessor controls, and high-quality construction.

- **Maximum temperature recovery:** Reduced/low peak temperature variation[1] and fast open-door recovery

- **More comfortable lab environment:** Low noise levels (like your refrigerator at home[2])

- **Operational efficiency:** Lower energy consumption and HVAC costs

- **Environmentally friendly:** Water-blown foam insulation; compliant with EPA SNAP and EU F-Gas regulations

Isotemp freezers offer the convenience you need for your ultra-low temperature storage:

- Single-handed door operation
- Five inner compartments (with doors)
- Large temperature display with touch control
- Centralized settings and controls with battery backup
- Alarms, security passcode, and padlock-compatible doors
- Easy access to the filter/grill assembly (cleaning and maintenance)

Additional features:

- Standard RS-485, 4-20mA analog outputs and dry contacts included
- Battery backup for control panel (power interruptions)
- Four capacities; three voltages
- No setup required

1. Typical freezer data based on internal testing with freezer setpoint at -80°C and ambient temperature at 20°C. Performance data varies across freezer size and electrical specifications.

2. All data based on internal data unless otherwise noted. Data on file.

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Bold, easy-to-read temperature display shows real-time cabinet temperature

Audible and visual alarms (System, Door, Temperature Visual Alarm Icons)

Health Shield Indicator gives a quick visual indication of freezer status

Alarm Snooze Button to silence audible alarms

Optional factory-installed CO2 or LN2 backup system provides additional sample protection in the event of a power or mechanical failure

Setpoint Security allows you to set a 3-digit numeric code required for any settings changes

Settings Menu Button to access alarm and system settings (Warm Alarm, Cold Alarm, Offset, Setpoint Security, and Backup System), if installed

Capacitive touchscreen buttons to easily adjust and save freezer settings

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1" access port (top) for use of independent probes

High-Density Water-Blown polyurethane foam with Vacuum Insulation Panel (VIP)

Painted galvenneel interior

Sturdy, stainless-steel shelving

1" access port (bottom) for use of independent probes

2" locking casters for easy roll installation and smooth mobility

Four-point, heated gaskets help to eliminate frost buildup while providing tight cabinet temperatures

Heavy gauge, high-strength steel with a corrosion-resistant coating for long-life durability

Heated vacuum relief port permits quick reentry after door openings

Single-hand operation with ergonomic, padlock-compatible door handle featuring an integrated keylock

Five insulated inner doors reduce cold air loss and improve temperature recovery after door opening

Easy-to-remove washable filter provides protection against dust on the condenser, increasing refrigeration performance

Factory Installed Options:
- CO_2 backup system
- LN_2 backup system
- Chart recorder (ink or inkless)

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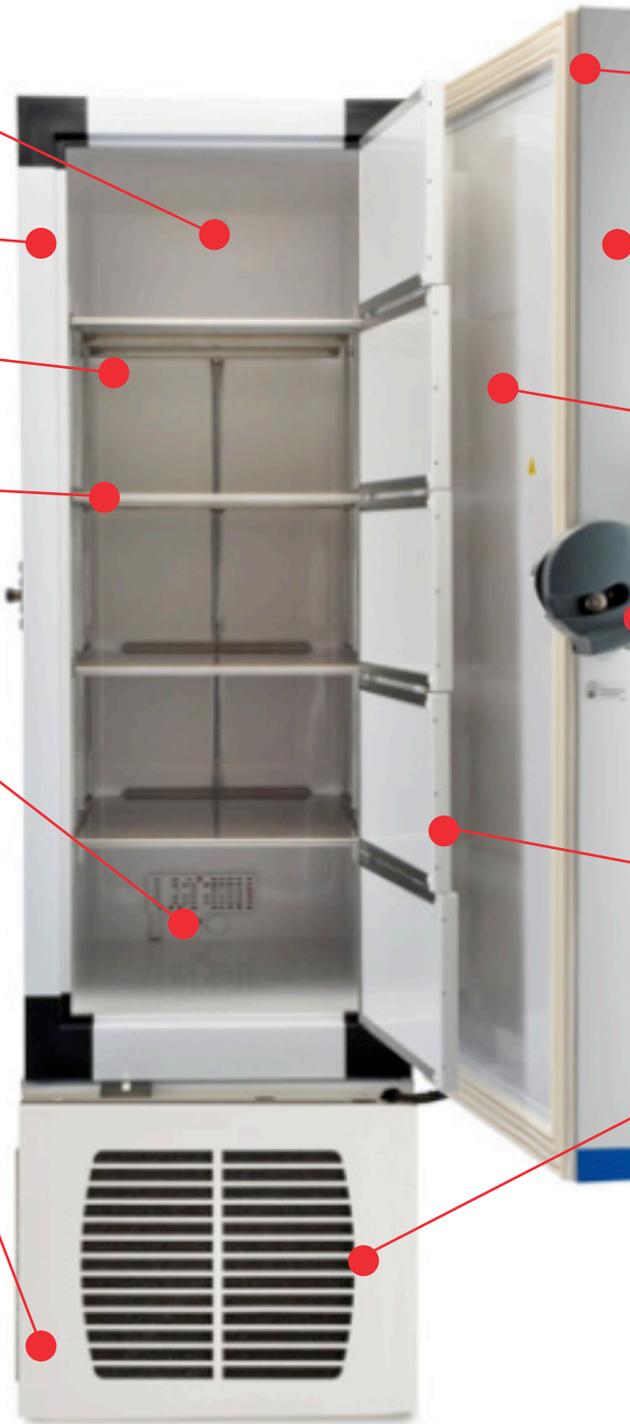
You're Looking For	You'll Find
Temperature stability	Better temperature recovery after door opening; maintains temperatures even with high-heat loads
Flexible and precise temperature settings	Microprocessor with Touch Control
Less downtime and sample risk	Alarms with setpoint temperature controls; recessed power switch (to help avoid accidental shutoff)
Prompt alerts about operational problems	Onboard diagnostics: error codes direct you to probable causes
Storage for high-load and non-standard samples (microplate hotels)	Reinforced stainless-steel shelves
Protection during power interruptions	Integrated LN^2 or CO^2 backup systems (optional)
More comfortable lab environment	Low noise levels, heat emissions
Economical operation	Lower power consumption, less HVAC support needed
Longer equipment life	Green, hydrocarbon systems improve operating conditions increasing product life
Reduce ice buildup	Heated gaskets

Isotemp IUE Models	Capacity		Electrical	Amps/Breaker (Plug)	Max. Shelf Weight lb. (kg)	Exterior Dimensions H x W* x D in (cm)	Shipping Weight lb. (kg)
General Purpose	cu. ft. (Liters)	5 x 5 x 2 in. Cryoboxes					
IUE30086FA	14.9 (422)	300	115V/60Hz	12.6/20 (NEMA 5-20)	125 (57)	78.0 x 27.1 x 38.6 (198.1 x 68.9 x 98.1)	712 (323)
IUE30086FD			208-230V/60Hz	5.6/15 (NEMA 6-15)			
IUE30086FV			230V/50Hz	5.9/10 (European)			
IUE40086FA	19.4 (549)	400	115V/60Hz	13.0/20 (NEMA 5-20)	165 (75)	78.0 x 32.5 x 38.6 (198.1 x 82.5 x 98.1)	687 (312)
IUE40086FD			208-230V/60Hz	5.9/15 (NEMA 6-15)			
IUE40086FV			230V/50Hz	5.3/10 (European)			
IUE50086FA	24.1 (682)	500	115V/60Hz	12.5/20 (NEMA 5-20)	205 (93)	78.0 x 38.1 x 38.6* (198.1 x 96.8 x 98.1)	734 (333)
IUE50086FD			208-230V/60Hz	5.0/15 (NEMA 6-15)			
IUE50086FV			230V/50Hz	5.9/10 (European)			
IUE60086FA	28.8 (816)	600	115V/60Hz	12.7/20 (NEMA 5-20)	245 (111)	78.0 x 43.7 x 38.6* (198.1 x 111.1 x 98.1)	734 (333)
IUE60086FD			208-230V/60Hz	6.2/15 (NEMA 6-15)			
IUE60086FV			230V/50Hz	6.1/10 (European)			

*For IUE50086 and IUE60086, doorway width clearance is 34.5 in. (87.6cm)

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Description	Installation	Catalog Numbers			
		IUE30086	IUE40086	IUE50086	IUE60086
LN2 Backup System • Maintains temperature down to -80oC • Systems for IUE300 are stand-alone	Factory	N/A	LN4567	LN4567	LN4567
	Field	FLN300A* FLN300D* FLN300V* FLN300W*	FLN456LEA* FLN456LED* FLN456LEV*	FLN456LEA* FLN456LED* FLN456LEV*	FLN456LEA* FLN456LED* FLN456LEV*
CO2 Backup System • Maintains temperature down to -67 C • Systems for IUE300 models are stand alone	Factory	N/A	CO4567	CO4567	CO4567
	Field	FCO300A* FCO300D* FCO300V* FCO300W*	FCO456LEA* FCO456LED* FCO456LEV*	FCO456LEA* FCO456LED* FCO456LEV*	FCO456LEA* FCO456LED* FCO456LEV*
Chart Recorder (Inkless) • Diameter: 6 in. (15.2cm) • Seven day • Inkless • Range -100°C to +38°C (+2oC resolution)	Factory	N/A	N/A	CRP4567	CRP4567
	Field	N/A	N/A	FCR500LE	FCR600LE
Chart Recorder (Ink) • Diameter: 6 in. (15.2cm) • Seven day • Ink • Range: -115° to +50°C, +5°C resolution • Recorders for IUE300 and IUE400 models are stand alone	Factory	N/A	N/A	N/A	N/A
	Field	6383-6A* 6393-6D* 6383-6V* 6383-6W* 6383-D*	6383-6A* 6393-6D* 6383-6V* 6383-6W* 6383-D*	FCRP500LE	FCRP600LE
NEMA L5-20P Twist Lock Plug for 115V/60Hz	Factory	US125V20ATL	US125V20ATL	US125V20ATL	US125V20ATL
	Field	TL125V20A	TL125V20A	TL125V20A	TL125V20A
NEMA L6-15P Twist Lock Plug for 208-230V/60Hz	Factory	US230V15ATL	US230V15ATL	US230V15ATL	US230V15ATL
	Field	TL230V15A	TL230V15A	TL230V15A	TL230V15A
NEMA L6-20P Twist Lock Plug for 208-230V/60Hz	Factory	US230V20ATL	US230V20ATL	US230V20ATL	US230V20ATL
	Field	TL230V20A	TL230V20A	TL230V20A	TL230V20A

*A = 115V/60Hz (NEMA 5-20 plug), D = 208-230V/60Hz (NEMA 6-15 plug), V = 230V/50Hz (EU plug), W = 230V/50Hz (British plug)

General Purpose Models:

The general purpose –86°C freezers described here are high-performance units for professional use. These products are intended for use as cold storage in research use and as a general purpose laboratory freezer, storing samples or inventory at operating temperatures between –50°C and –80°C. They are not considered to be medical devices and have therefore not been registered with a medical device regulatory body (e.g., FDA): that is, they have not been evaluated for the storage of samples for diagnostic use or for samples to be re-introduced to the body. These units are not intended for use in classified hazardous locations, nor to be used for the storage of flammable inventory.

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Fisherbrand Traceable™: Setting the Standard for Temperature Monitoring in Clinical Trials

Simple and accurate digital data logging and remote monitoring

USB Data Retrieval
Download data from device to USB flash drive

Wi-Fi/Ethernet Connected
Real-time, remote monitoring—receive alerts on mobile device or email

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USB data logging

- Log data continuously
- Download memory data to PC

Cloud service monitoring

- 24/7 remote monitoring
- Built-in VFC reporting

	Traceable™ Excursion-Trac™ USB Data Logging	Traceable™ Wi-Fi or Ethernet Data Logger (with TraceableLIVE™ Cloud Service)
DATA STORAGE	2 years (resettable)	Unlimited cloud storage
USER INTERFACE	Local display	Local display, Web, smartphone
ALARMS	Audible, visual	Email, SMS text, Push notification, audible, visual
DATA OUTPUT	USB data stick to Excel file	Real-time graphs, reports, alarm history, statistics, audit trail, cal due notice
EMAIL/TEXT ALERTS	✘	✓
NIST-TRACEABLE CALIBRATION CERT	✓	✓
VACCINE FOR CHILDREN COMPLIANT	✓	✓
21 CFR 11 COMPLIANT OPTIONS	✘ (available on Memory-Loc options -see fishersci.com)	✓
APPLICATION	**Cat. No.**	**Cat. No.**
FRIDGE/FREEZER	**15-081-123**	**Wi-Fi: 15-079-615	Ethernet: 15-079-704**
ULTRA-LOW FREEZER -80°C	**15-079-624**	**Wi-Fi: 15-079-626	Ethernet: 15-079-705**
LIQUID NITROGEN DEWAR	**15-079-669**	**15-079-639**
ROOM MONITORING & INCUBATORS		
TEMPERATURE	**15-081-123**	**15-079-616**
TEMPERATURE/HUMIDITY	**15-079-665**	**15-079-628**
TEMPERATURE/HUMIDITY/PRESSURE	**15-079-666**	**15-079-664**
CO₂/INCUBATOR	✘	**15-079-662**

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Electrophoresis equipment

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Choice and reliability at a budget-friendly price

The Fisherbrand™ Electrophoresis products represent a complete selection of electrophoresis equipment to meet the demands of life science laboratories. All Electrophoresis products offer dependable operation and durable construction at an economical price. Browse the following selection of products to discover the options, and for complete details, please visit www.fishersci.com

Horizontal electrophoresis systems
Simple, leak-free casting

Minigel system
- Ideal for quick screening
- Runs up to 16 samples on one gel with combs supplied

Midigel systems
- Available with patented buffer recirculation method which prevents buffer's ionic depletion on long gel runs, keeps ionic gradients from distorting results when multiple sample series are run simultaneously, and prevents pH changes that can cause problems in RNA gels
- Run up to 32 samples on one gel with combs supplied

Large gel systems
- Improve resolution in Northern and Southern blotting of large gels and multiple samples
- Available with same self-contained buffer recirculation method as Midigel System
- Run up to 36 samples per comb position with supplied combs
- May also be used with programmable power inverter for field inversion electrophoresis

Wide-format system
- Runs 25 to 250 samples simultaneously on one gel
- May be used with included microwell-format combs and a multichannel pipetter to load samples directly from a 96-well plate for faster loading and reduced error

System	Gel Size	Buffer Vol.	LxWx H	Type	Cat. No.
Minigel	7x10cm	400mL	6.25x3.75x3.13" (24.5x18x8cm)	Std.	FB-SB-710
Midigel	13x16cm	800mL	9.63x7.0x3.13" (24.5x18x8cm)	Std.	FB-SB-1316
		1000mL	10x7x4.75" (25x18x12cm)	Recirc.	FB-SBR-1316
Large gel	20x25cm	2.3L	14.75x11x4" (37.5x28x10cm)	Std.	FB-SB- 2025
		2.0L	15x10.25x5.13" (38x26x13cm)	Recirc.	FB-SBR-2025
Wide format	18x23cm	1.2L	13x11x5" (33x27x13cm)	Std.	FB-SB- 2318

Vertical electrophoresis systems
Double-sided—run two protein gels simultaneously

- Agarose plug method allows gel casting of one or two gels in the same system
- Sliding clamp assemblies make system assembly a snap and prevent leaks

Gel Size	Buffer Vol.	LxWx H	Cat. No.
10x10cm	300mL	4.25x6.75x6" (12x17x15cm)	FB-VE10-1
16x14cm	550mL	5.5x9.5x8.25" (14x24x21cm)	FB-VE16-1
20x20cm	1150mL	6.5x12x9.5" (16.5x31x24cm)	FB-VE20-1

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Vertical electrophoresis casters

Cat. No.	Dimensions
FBGC101	Plate size: 10x10cm
FBGC201	Plate Size: 16x 4cm
FBGC106	Plate size: 20x20cm

Benchtop beta-radiation shields

Cat. No.	Dimensions
FB-BT1FIS	6x12x18.5in. (15x31x47cm)
FB-BT2FIS	6.37x12x 8 in. (16x31x46cm)

DNA sequencing system

Run samples in all gel lanes without loss of data or questionable interpretation of the banding pattern.

Gel WxL	Glass Plate WxL	Buffer Vol.	LxWxH	Cat. No.
33x42cm	35x45cm	800mL	9.1x17.3x19.7" (23x44x50cm)	FB-SEQ- 3545

Semi-dry blotting apparatus

Sleek, low-profile system for fast, efficient Western transfers.

- Transfers minigels in 15 to 30 minutes, full-sized gels in 30 to 60 minutes, with efficiencies of nearly 90%
- Requires only minimal amounts of buffer (about 250mL)

Transfer Area	LxWxH	Cat. No.
20x20cm	9.75x9.75x2" (25x25x5cm)	FB-SDB-2020

Electrophoresis power supplies

Easy-to-use power supplies are designed for safety

Compact Model FB300Q
- Ideal for SDS-PAGE, DGGE/CDGE, and DNA/RNA submarine electrophoresis

High-Current Model FB200Q
- Perfect for high-current electroblotting (Western tank and semi-dry, Southern and Northern) and SDS-PAGE applications

Programmable Models FB1000Q and FB3000Q
- Nine-program memory makes these units ideal for multi-user labs or multiple repetitive operations
- FB1000Q is designed for isoelectric focusing, SDS-PAGE, and native SDS-PAGE
- FB3000Q is ideal for DNA sequencing and high-voltage electrophoresis applications

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3

Electrophoresis power supplies

Type	Max. Voltage	Max. Current	Max. Power	No. of Jacks	Modes	Timer	LxWxH	Cat. No.
Compact	300V	400mA	75w	3	Voltage or current	0-999 min.	10.25x5.5x5.25" (26x14x13.3cm)	FB300Q
High current	200V	2.0A	200w	4	Voltage or current	99 hr. 59 min.	12x10.75x5.25" (31x27x13.3cm)	FB200Q
Programmable	1000V	500mA	250w	4	Voltage, current, or power	99 hr. 59 min.	12x10.75x5.25" (31x27x13.3cm)	FB1000Q
Programmable	3000V	400mA	400w	4	Voltage, current, or power	99 hr. 59 min.	12x10.75x5.25" (31x27x13.3cm)	FB3000Q

Models listed are 120V. 240V and International 230V models are also available. Contact your Fisherbrand Customer Service Representative for details.

Gel combs

Use the charts below to select the ideal combs for your gel-casting requirements.

Combs for horizontal gel systems

Comb Type	For 7x10cm Gels 1.0mm thick	For 7x10cm Gels 1.5mm thick	For 13x16cm Gels 1.0mm thick	For 13x16cm Gels 1.5mm thick	For 20x25cm Gels 1.0mm thick	For 20x25cm Gels 1.5mm thick
5 tooth	FB-SB-733	FB-SB-734	—	—	—	—
8 tooth	—	—	FB-SB-1324	FB-SB-1325	FB-SB-2534	FB-SB-2535
12 tooth	—	—	FB-SB-1326	FB-SB-1327	FB-SB-2536	FB-SB-2537
16 tooth	—	—	FB-SB-1328	FB-SB-1329	FB-SB-2538	FB-SB-2539
20 tooth	—	—	FB-SB-1330	FB-SB-1331	FB-SB-2540	FB-SB2541
24 tooth	—	—	FB-SB-1332	FB-SB-1333	FB-SB-2542	FB-SB-2543
28 tooth	—	—	—	—	FB-SB-2544	FB-SB-2545
32 tooth	—	—	—	—	FB-SB-2546	FB-SB-2547
36 tooth	—	—	—	—	FB-SB-2548	FB-SB-2549
42 tooth	—	—	—	—	FB-SB-2552	FB-SB-2553
Prep/marker comb	—	—	FB-SB-1336	—	FB-SB-2554	—
Wall comb	—	—	FB-SB-1337	—	FB-SB-2555	—
Microplate format	—	—	FB-SB-1334	FB-SB-1335	FB-SB-2550	FB-SB-2551

Combs for vertical gel systems

Comb Type	For 10x10cm Gels 0.5mm thick	For 10x10cm Gels 0.8mm thick	For 10x10cm Gels 1.5mm thick	For 16x14cm Gels 0.8mm thick	For 16x14cm Gels 1.5mm thick	For 20x20cm Gels 0.8mm thick	For 20x20cm Gels 1.5mm thick
6 Tooth	FB-VE10-16	FB-VE10-17	FB-VE10-18	—	—	—	—
8 Tooth		FB-VE10-20	FB-VE10-21	—	—	—	—
10 Tooth	FB-VE10-22	FB-VE10-23	FB-VE10-24	FB-VE16-17	FB-VE16-18	FB-VE20-14	FB-VE20-15
12 Tooth	FB-VE10-25	FB-VE10-26	FB-VE10-27	—	—	—	—
15 Tooth	FB-VE10-28	—	—	FB-VE16-19	FB-VE16-20	FB-VE20-16	FB-VE20-17
20 Tooth	FB-VE10-29	—	—	FB-VE16-21	FB-VE16-22	FB-VE20-18	FB-VE20-19
24 Tooth	—	—	—	FB-VE16-23	FB-VE16-24	—	—
25 Tooth	—	—	—	—	—	FB-VE20-20	FB-VE20-21
Prep/marker	—	—	—	FB-VE16-27	—	FB-VE20-24	—

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Mini tube rotator

Fisherbrand™ Mini Tube Rotators accommodate 1.5ml to 50ml tubes. Adjustable digital speed control and agitation mode allow for a wide variety of applications.

Applications
- The Mini Tube Rotator can be utilized across a broad spectrum of scientific disciplines including but not limited to molecular biology, clinical, and biochemistry

Features
- Small footprint fits easily into refrigerators and non-CO$_2$ incubators

- Digital RPM Display

- Quiet operation

- Paddles are easily adjustable/ interchanged - Each paddle can be adjusted from 0 - 90°

- Achieve more effective mixing with "agitation" mode. Agitation will occur at every 40 degrees in the rotation cycle. The combination of rotation and oscillation provides more effective mixing

- Extra paddles are needed if using all same size tubes except for 50ml tubes because tube rotator only fits one 50ml paddle at a time. (example: If using all 5ml tubes - will need to order 1 extra pack of 2 x 5ml/7ml paddles)

Specification and ordering Information

Catalog Number	88861051	88861052
Plug Type(s)	US	EU, UK, CN
Speed Range	10 - 40 rpm	
Speed Accuracy	±1 rpm	
Operation Temperature	5 to 60 °C	
Maximum Capacity	84 x 0.5ml/0.8ml tubes, 60 x 1.5ml/2.0ml tubes, 28 x 5ml/7ml tubes, 28 x 10ml/15ml tubes, 6 x 50ml tubes	
Unit Includes	2 x 10/15ml paddle 2 x 5ml/7ml paddle 2 x 1.5ml/2ml paddle 1 x 50ml paddle	

Optional Accessories

Catalog Number	Accessory Description
88861201	Two paddles for 10ml/15ml tubes
88861202	Two paddles for 5ml/7ml tubes
88861203	Two paddles for 1.5ml/2ml tubes
88861204	Two paddles for 0.5ml/0.8ml tubes
88861205	Paddle for 50ml tubes

2-Year Warranty

Certification: CE (88861052) and cCSAus (88861051)

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Digital CO_2 and humidity resistant bottle/tube roller

Sleek and compact bottle/tube roller is capable of rolling multiple sizes of tubes or bottles. Adjustable digital speed control accommodates a variety of applications.

Applications
- Cell culture
- Hybridization assays
- Liquid mixing
- Bioproduction

Features
- Anti-corrosive and wear resistant construction enables use in humid and CO_2 environments
- Adjustable rollers accommodate a variety of tube/bottle sizes
- Stacking kit allows you to stack units two high, saving valuable bench space
- Optional remote control facilitates operating unit while in incubator and adds timer function
- Includes O Rings for smooth rolling of 15 or 50ml tubes

Specification and ordering Information

Catalog Number	11-676-250	11-676-251
Plug Type(s)	US	EU, UK, CN
Electrical	AC100V-240V / 50Hz 60Hz	
Speed Range	1 - 80 rpm	
Operation Temperature	4 to 60 °C	
Maximum Capacity	11 rollers	
Maximum Bottle Diameter	120mm / 4.72in	
Unit Includes:	6 rollers	

Optional Accessories

Catalog Number	Accessory Description
11-676-252	Additional rollers (pack of two)
11-676-255	Stacking kit
11-676-256	Remote control

2-Year Warranty

Certification: CE and cCSAus

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email: ecommerce@newteclab.mx

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Nutating mixer - Variable speed

The Fisherbrand nutating mixer delivers gentle uniform mixing of fluids in tubes, plates, culture flasks and dishes.

Features

- Variable speed from 2 to 60 rpm offers gentle continuous mixing of samples

- 12 x 10.5 in. platform accommodates a variety of tubes and vessels

- Display will show last used settings, even after power has been turned off

- Operating temperature range: 5 to 40 °C, usable in non-CO_2 incubators, refrigerators and chambers

- Continue to run by last set speed and the remaining time when the power recovered

- Continuous or timed operation with automatic switch-off

- Audible and visual alarm: When the set time reaches zero

Specification and ordering Information

Catalog Number	88861043	88861044
Plug Type(s)	US	EU, UK, CN
Electrical	100 - 240V, 1A, 9.5W, 50/60Hz	
Speed Range	2 - 60 rpm	
Speed Accuracy	±1 rpm	
Tilt Angle	20°	
Timer	0 min. to 99h 59min.	
Maximum Weight Capacity	0.8 kg (1.8 lb)	
Shipping Weight	6 kg (13.2 lb)	
Display	LED	
Tray Material	Aluminum	
Tray Dimensions (L x W)	306 x 266 mm, 12 x 10.5 inch	
Overall Dimensions (L x W x H)	415 x 293 x 273 mm, 16.3 x 11.5 x 10.7 inch	
Unit Includes	Dimpled rubber mat and 6 tube securing bands	

2-Year Warranty

Certification: CE (88861044) and cCSAus (88861043)

Nutating mixer - Fixed speed

The Fisherbrand nutating mixer delivers gentle uniform mixing of fluids in tubes, plates, culture flasks and dishes.

Features

• Budget friendly design

• Easy to use, plug and play operation

• Fixed-speed movement at 20° angle

• Operating temperature range: 5 to 40 °C, usable in non-CO_2 incubators, refrigerators and chambers

• Fixed speed of 18 or 20 rpm (Voltage dependent)

Specification and ordering Information

Catalog Number	88861041	88861042
Plug Type(s)	US	EU, UK, CN
Electrical	110V, 60Hz, 0.1A, 11W	220V, 50Hz, 0.05A, 11W
Speed Range	24 rpm	20 rpm
Speed Accuracy	±1 rpm	
Tilt Angle	20°	
Timer	0 min. to 99h 59min.	
Maximum Weight Capacity	0.8 kg (1.8 lb)	
Shipping Weight	6 kg (13.2 lb)	
Display	LED	
Tray Material	Aluminum	
Tray Dimensions (L x W)	306 x 266 mm, 12 x 10.5 inch	
Overall Dimensions (L x W x H)	415 x 293 x 273 mm, 16.3 x 11.5 x 10.7 inch	
Unit Includes	Dimpled rubber mat and 6 tube securing bands	

2-Year Warranty

Certification: CE (88861042) and cCSAus (88861041)

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7

3D Platform rotator

The Fisherbrand 3D platform rotator provides smooth orbital motion for mixing in culture flasks, dishes, plates and tubes.

Features

• Simple speed adjustment from 2 to 80 rpm

• Gentle movement ideal for staining gels without destroying the edges or keeping fragile tissue intact during incubation

• Large platform accommodates most commonly used vessels with non-slip mat to prevent sample movement

• Low voltage power supply provides safe cold room operation and low energy consumption

• Operating temperature range of 5 °C to 40 °C allows for use in refrigerators or non-CO_2 incubators

• Continuous or timed operation with automatic switch-off

• Display will show last used settings, even after power has been turned off

Specification and ordering Information

Catalog Number	88861045	88861046
Plug Type(s)	US	EU, UK, CN
Electrical	100 - 240V, 0.8A, 6.5W, 50/60Hz	
Speed Range	2 - 80 rpm	
Speed Accuracy	±1 rpm	
Fixed Angle	7°	
Timer	0 min. to 99h 59min.	
Maximum Weight Capacity	0.8 kg (1.8 lb)	
Shipping Weight	6 kg (13.2 lb)	
Display	LED	
Tray Material	Aluminum	
Tray Dimensions (L x W)	306 x 266 mm, 12 x 10.5 inch	
Overall Dimensions (L x W x H)	415 x 293 x 170 mm, 16.3 x 11.5 x 6.7 inch	
Unit Includes	Dimpled rubber mat and 6 tube securing bands	

2-Year Warranty

Certification: CE (88861046) and cCSAus (88861045)

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Multi function 3D rotator

The Fisherbrand Multi Function 3D Rotator provides flexibility in motion to include rotating, reciprocal rotating, and vibration.

Applications

• Immune precipitations, affinity matrix, trypsinisation, gel straining and distaining, antibody staining, washes, hybridizations, southern blots, western blots

Features

• Rotation speed: 5 to 100 rpm for long wave motion

• Reciprocal rotation: 0 to 360° turning angle for long and medium way motion

• Vibration: 0 to 5° turning angle, programmable in bursts of 0 to 5 seconds, for short wave motion

• Operating temperature range of 5 to 40 °C allows for use in refrigerators or non-CO_2 incubators

• Continuous or timed operation with automatic switch-off

• Display will show last

Specification and ordering Information

Catalog Number	88861047	88861048
Plug Type(s)	US	EU, UK, CN
Electrical	100 - 240V, 0.1A, 5W, 50/60Hz	
Speed Range	5 - 100 rpm	
Speed Accuracy	±1 rpm	
Turning Angle (reciprocal mode)	0 to 360° turning angle (reciprocal mode)	
Turning Angle (vibration mode)	0 - 5°	
Tilt Angle	7°	
Orbit Diameter	23 mm (0.9 in.)	
Timer (orbital/360° vertical or reciprocal mode)	0 to 250 sec.	
Timer (vibration mode)	0 - 5 sec (Vibration) with 0 - 125 cycles	
Number of Cycles	0 to 250 sec.	
Operating Temperature	5 to 40 °C	
Maximum Weight Capacity	1 kg (2.2 lb)	
Display	LED	
Platform dimensions (working area) (D x W)	306 x 266 mm, 12 x 10.5 inch	
Overall Dimensions (L x W X H)	415 x 293 x 225mm, 16.3 x 11.5 x 8.9 inch	
Power Supply	100 - 240V	
Unit Includes	Dimpled rubber mat and 6 tube securing bands	

2-Year Warranty

Certification: CE (88861048) and cCSAus (88861047)

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Multi-purpose tube rotator

The Fisherbrand Multi Purpose Tube Rotator offers flexibility with multiple carousel options, adjustable speed, and an angled head for added versatility.

Features
- Digital microprocessor control
- Six carousel options for maximum versatility

- Adjustable speed from 5-80 rpm
- Adjustable angled head offers mixing angles from 95 to 180°
- Timer features both time up and time down counting modes
- Display will show last used settings, even after power has been turned off

Specification and ordering Information

Catalog Number	88861049	88861050
Plug Type(s)	US	EU, UK, CN
Electrical	100 – 240 V, 0.2A, 8w, 50/60Hz	
Speed Range	5 - 80 rpm	
Speed Accuracy	±1 rpm	
Carousel Angle	95 - 180° (Six steps: 95°, 112°, 129°, 146°, 163°, 180°)	
Carousel Capacity	50 x 9-11mm tubes (1.5/2ml), 30 x14-18mm tubes (15ml), 15 x 27-34mm tubes (50ml), 10 x 10-15ml and 20 x 5-7ml tube, 64 x 18.5mm tubes (drum carousel), 64 x 14mm tubes (drum carousel)	
Timer	0 min. to 99h 59min.	
Display	LED	
Tray Material	Aluminum	
Tray Dimensions	290 mm dia. (Tube carousel) 310 mm dia. (Drum tube carousel)	
Overall Dimensions (L x W x H)	415 x 293 x 464 mm, 16.3 x 11.5 x 18.3 inch	
Unit Includes	15 place tube carousel for 50ml tubes	

Optional Accessories

Catalog Number	Accessory Description
88861121	50 place tube carousel for 1.5/2.0ml tubes
88861122	30 place tube carousel for 15ml tubes
88861123	15 place tube carousel for 50ml tubes
88861124	10 and 20 place tube carousel for 10-15ml and 5-7ml tubes
88861125	64 place drum tube carousel for 14mm dia tubes
88861126	64 place drum tube carousel for 18.5mm dia 15-20ml tubes

2-Year Warranty

Certification: CE (88861050) and cCSAus (88861049)

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Multi platform shaker

The Fisherbrand Multi Platform Shaker has smooth orbital shaking and a wide variety of optional accessories for multiple applications.

Applications

- Biomedical or biopharmaceutical labs, cultivations of cells, extracting, dissolving slow reacting samples, tissue culture of analytical diagnostics, rotating closed containers for dialysis, bacterial growth

Features

- Variable shaking speed: 50 to 450 rpm

- 10lb weight capacity

- Automatic load balancing system

- Continuous or timed operation with automatic switch-off

- Maximum flexibility with many options of interchangeable accessories

- Simple set up and easy operation

- Display will show last used settings, even after power has been turned off

- Low voltage power supply provides for safe cold room operation and low energy consumption

- Operating temperature range of 5 to 40 °C allows for use in cold rooms, refrigerators or non-CO_2 incubators

Specification and ordering Information

Catalog Number	88861021	88861022
Plug Type(s)	US	EU, UK, CN
Electrical	110 - 240V, 0.1A, 12.5W, 50/60Hz	
Speed Range	50 - 450 rpm	
Speed Accuracy	±1 rpm	
Orbit	10mm (0.4 in.)	
Timer	0 min. to 99h 59min.	
Operating Temperature	5 to 40 °C	
Maximum Weight Capacity	4.5 kg (9.9 lb.) (6 X 250 ml flasks)	
Display	LED	
Tray Dimensions (L x W)	310 x 284 mm, 12.2 x 11.2 inch	
Overall Dimensions (L x W X H)	415 x 293 x 120mm, 16.3 x 11.5 x 4.7 inch	
Unit Includes	Aluminum platform	
Required Accessory	Choose from flask clamps, bottle holders, universal platform with adjustable bars, tube racks, or flat platform with nonslip rubber mat	

Note: Not for use in CO_2 incubators. Will void warranty.

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Required accessories: Must purchase accessory for use.

Catalog Number	Accessory Description
88861131	Flat platform with non-slip rubber mat
88861132	Platform with clamps for 6 x 250ml flasks/150ml beakers
88861133	Platform with clamps for 12 x 100ml flasks/150ml beakers
88861134	Universal platform with adjustable bars
88861135	25ml stainless steel flask clamp
88861136	50ml stainless steel flask clamp
88861137	100ml stainless steel flask clamp
88861138	250ml stainless steel flask clamp
88861139	500ml stainless steel flask clamp
88861140	1000ml stainless steel flask clamp
88861141	2000ml stainless steel flask clamp
88861142	3000ml stainless steel flask clamp
88861143	5000ml stainless steel flask clamp
88861144	Sticky mat 14x14 cm
88861147	Funnel clamp
88861148	Fixed tube rack 40×14mm dia.
88861149	Fixed tube rack 40×16mm dia.
88861150	Adjustable angle tube rack 40×14mm dia.
88861151	Adjustable angle tube rack 40×16mm dia.

Adjustable angle tube racks (sold separately)   Universal platform with adjustable bars   Platform with clamps

2-Year Warranty

Certification: CE (88861022) and cCSAus (88861021)

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Microplate shaker

The Fisherbrand Microplate Shaker is designed for convenience and flexibility.

Applications

- Life science, immunoassay, shaking ELISA plates, staining cells for flow cytometry, shaking plates in cold room, food and beverage, histamine in cheese, vitamins in milk testing.

Features

- Variable shaking speed: 150 to 1000 rpm

- Quick and easy fitting or any standard-depth microplates

- Continuous or timed operation, with automatic switch off

- Display will show last used settings, even after power has been turned off

- Operating temperature of 5 to 40 °C allows for use in refrigerators, cold rooms and non-CO_2 incubators

Specification and ordering Information

Catalog Number	88861023	88861024
Plug Type(s)	US	EU, UK, CN
Electrical	100 - 240V, 0.2A, 19W, 50/60Hz	
Speed Range	150 - 1000 rpm	
Speed Accuracy	±1 rpm	
Timer	0 min. to 99h 59min.	
Operation Temperature	5 to 40 °C	
Orbit	2.5 mm (0.1 inch.)	
Display	LED	
Maximum Weight Capacity	2 kg	
Tray Dimensions	320 x 260 mm, 12.6 x 10.2 inch	
Overall Dimensions (L x W x H)	415 x 293 x 143 mm, 16.3 x 11.5 x 5.6 inch	
Unit Includes:	4 place microplate clamps on aluminum platform	

Optional Accessories

Catalog Number	Accessory Description
88861148	Fixed tube rack 14mm dia. – 40 tubes max
88861149	Fixed tube rack 16mm dia. – 40 tubes max
88861150	Adjustable tube rack 14mm dia. – 40 tubes max
88861151	Adjustable tube rack 16mm dia. – 40 tubes max
88861173	Large platform and clamps for 6 microplates

Adjustable angle tube rack

2-Year Warranty
Certification: CE (88861024) and cCSAus (88861023)

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Open air rocker

Fisherbrand Open Air Rockers are ideal for cell culture work and can be used in a variety of environmental conditions.

Applications

- Staining and destaining gels, hybridization procedures, hematology and blotting techniques

Features

- The microprocessor control provides electronic tilt angle adjustment which allows user to easily adjust rocking angle from 1 to 15o while unit is operating.Precise speed control provides smooth, low-speed rocking motion down to 1 rpm

- Display will show last user settings, even after power has been turned off.

- LED display:
  Touch pad controls with easy-to-read, LED displays for speed, tilt angle, and time. Provides repeatable and accurate results. Timer will display elapsed time or, when programmed, will shut off unit when time reaches zero

- Audible and visual signals will activate when system detects an obstruction or overload of the tray

- Slowly increases speed to desired set-point to avoid splashing

- Operating Conditions:
  Usable in refrigerators, cold rooms or non-CO_2 incubators, maximum 80% relative humidity, non-condensing

Specification and ordering Information

Catalog Number	88861025	88861026
Plug Type(s)	US	EU, UK, CN
Electrical	100 – 240V , 0.1A, 13.5w, 50/60Hz	
Tilt Angle	1 to 15° (adjustable in 1° increments)	
Speed Range	1 to 50 rpm	
Speed Accuracy	±1 rpm	
Timer	1 s to 9999 min.	
Operation Temperature	5 to 40 °C	
Maximum Weight Capacity	4.5 kg (9.9 lb.)	
Shipping Weight	6 kg (13.2 lb)	
Display	LED	
Tray Material	Aluminum	
Tray Dimensions (L x W)	306 x 266 mm, 12 x 10.5 inch	
Overall Dimensions (L x W X H)	415 x 293 x 142 mm, 16.3 x 11.5 x 5.6 inch	
Unit Includes	Dimpled rubber mat and 6 tube securing bands	

Optional Accessories

Catalog Number	Accessory Description
88861197	Stacking tray assembly for open air rocker
88861200	Rubber mat

2-Year Warranty

Certification: CE (88861026) and cCSAus (88861025)

Wave motion shaker

Features

- Easy-to-adjust speed control with optimized low-speed operation

- Easy-to-adjust tilt angle with a single set screw adjustment

- Operating temperature range of 5 to 40 °C allows for use in cold rooms or non-CO_2 incubators

- Continuous or timed operation with automatic switch-off

- Display will show last used settings, even after power has been turned off

- Quiet operation

Specification and ordering Information

Catalog Number	88861027	88861028
Plug Type(s)	US	EU, UK, CN
Electrical	100 – 240V , 0.1A, 13.5w, 50/60Hz	
Tilt Angle	1 to 15° (adjustable in 1° increments)	
Electrical	100 - 240V, 0.2A, 12W, 50/60Hz	
Speed Range	5 - 120 rpm	
Speed Accuracy	±1 rpm	
Carousel Angle	0-12° Adjustable	
Timer	0 min. to 99h 59min.	
Display	LED	
Maximum Weight Capacity	9.8 Kg (22 lbs.)	
Tray Dimensions (L x W)	306 x 266 mm, 12 x 10.5 inch	
Overall Dimensions (L x W x H)	415 x 293 x 209 mm, 16.3 x 11.5 x 8.2 inch	
Unit Includes	Dimpled rubber mat and 6 tube securing bands, 2 extra small rubber replacement tube and Allen wrench	

Optional Accessories

Catalog Number	Accessory Description
88861200	Rubber mat

2-Year Warranty

Certification: CE (88861028) and cCSAus (88861027)

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nueva tecnología en laboratorios

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Digital dry baths/block heaters

Versatile digital dry baths/block heaters to meet your laboratory needs

Fisherbrand™ Isotemp™ reliable digital dry baths/block heaters offer outstanding temperature uniformity and stability with a wide range of blocks to accommodate various tubes.

Applications
- Sample preparation
- Enzyme preservation
- Enzyme-substrate reactions
- DNA amplification
- Electrophoresis gel degeneration
- Serum coagulation
- Heating or thawing tubes and plates

Benefits
- Digital time and temperature display
- Temperature range: ambient +5 °C - 130 °C
- Built-in temperature sensing probe for outstanding accuracy and control
- Precise temperature control with PID circuit
- Temperature calibration offsets the temperature to desired value
- Interchangeable aluminum alloy blocks provide versatility, easy cleaning and disinfecting
- Range of configurations hold 1, 2 or 4 interchangeable modular blocks which can hold a variety of tube sizes
- Powder-coated steel body construction ensures durability

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Specifications and ordering information

Catalog Number		
88860021	88860022	88860023
Number of Blocks 1	2	4
Temperature Range Ambient +5 °C-130 °C		
Controller Type PID digital		
Temperature Control Accuracy At 37 °C ≤ ± 0.5 °C		
Temperature Uniformity ≤ ± 1 °C		
Timing Range 0-99:59 min or continuous		
Heating Up Time ≤ 20 minutes (30 °C to 130 °C)		≤ 25 minutes (30 °C to 130 °C)
Operating Temperature 10°C ~ 30 °C		
Relative Humidity Tolerance ≤ 80%		
Dimensions L x W x H 288×200×100 mm 11.3×7.9×3.9 in	318×200×100 mm 12.5×7.9×3.9 in	450×200×100 mm 17.7×7.9×3.9 in
Weight 2.9 kg 6.39 lbs.	3.3 kg 7.28 lbs.	4.7 kg 10.36 lbs.
Power 100-120V~50/60Hz		
Shipment Includes Dry bath, US style plug, block lifter		
Certification CE, cULus, RoHS		
Warranty 2 years		

Aluminum block accessories

88860101	46 x ø6 mm flat bottom, 31mm depth	
88860102	28 x ø10 mm flat bottom, 31mm depth	
88860103	28 x 1.5 ml conical bottom, 31mm depth	
88860104	28 x 2.0 ml conical bottom, 31mm depth	
88860105	24 x ø13 mm flat bottom, 31mm depth	
88860106	15 x ø16 mm flat bottom, 31mm depth	
88860107	12 x ø18 mm flat bottom, 31mm depth	
88860108	8 x ø20 mm flat bottom, 31mm depth	
88860109	6 x ø25 mm flat bottom, 31mm depth	
88860110	40 x 0.5 ml conical bottom, 31mm depth	
88860111	1 x 96-well ELISA	

88860112	Mixed block 32 x ø6 mm + 21 x ø10mm, 31mm depth
88860113	Mixed block 18 x 1.5 ml + 10 x 2.0 ml, 31mm depth
88860114	Mixed block 3 x ø25 mm + 12 x ø12~13 mm + 6 x ø6 mm, 31mm depth
88860115	Mixed block 30 x 0.5 ml + 20 x 0.2 ml, 31mm depth
88860116	Flat bottom, 15 x 15 ml, 115mm depth
88860117	Flat bottom, 4 x 50 ml, 115mm depth
88860118	Conical bottom, 15 x 15 ml aluminum block, 115mm depth
88860119	Conical bottom, 4 x 50 ml aluminum block, 115mm depth
88860120	1 x 96-well 0.2 ml non-skirted PCR plate, 11mm depth
88860121	1 x 96-well 0.2 ml, half or full skirted PCR plate, 11mm depth

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It's Our Promise

We stand behind our products with a 100% satisfaction guarantee. So buy it, try it, and if within 30 days you don't love it as much as we do, we'll give you your money back — guaranteed.*

*Some exclusions may apply.

Contact your Fisher Scientific sales representative or visit fisherbrand.com or fisherbrand.ca to learn more.

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Beakers

Fisherbrand™ Reusable Glass Low-Form Griffin Beakers

Pour accurately and steadily from the slightly flared spout. Made of KG-33 borosilicate glass and available in a range of sizes.

- Thick, heavy construction with beaded top; uniform wall thickness
- Durable, matte-finish marking area for use with an ordinary pencil
- Easy-to-read white graduated double scale on all sizes from 50 to 1000mL

Cat. No.	Capacity	Quantity
FB10050	50mL (1.69 oz.)	12/Pack
FB100100	100mL (3.38 oz.)	12/Pack
FB100150	150mL (5.07 oz.)	12/Pack
FB100250	250mL (8.45 oz.)	12/Pack
FB100400	400mL (13.52 oz.)	12/Pack
FB100600	600mL (20.28 oz.)	6/Pack
FB1001000	1000mL (33.81 oz.)	6/Pack

Fisherbrand™ Reusable Glass Berzelius Beakers

Convenient, tall-form design. Made with borosilicate glass to conform to ASTM™ Specification E960, Type III requirements.

- Slightly flared top, reinforcing bead, and pouring spout
- Durable matte finish marking area
- White scales to approximate volumes

Cat. No.	Capacity	Quantity
FB102100	100mL (3.38 oz.)	12/Pack
FB102200	200mL (6.76 oz.)	12/Pack
FB102300	300mL (10.14 oz.)	12/Pack
FB102400	400mL (13.52 oz.)	6/Pack
FB102600	600mL (20.28 oz.)	6/Pack
FB1021000	1000mL (33.81 oz.)	6/Pack

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Fisherbrand™ Reusable Glass Heavy-Duty Low-Form Beakers

Sturdy construction that tolerates mechanical shock and other harsh applications; spout is designed for optimum performance.

- Thick, uniform walls
- Evenly tooled top rim with extra wall thickness
- Durable matte finish marking area; white graduated scale

Cat. No.	Capacity	Quantity
FB101250	250mL (8.45 oz.)	12/Pack
FB101400	400mL (13.52 oz.)	12/Pack
FB101600	600mL (20.28 oz.)	12/Pack
FB1011000	1000mL (33.81 oz.)	6/Pack
FB1012000	2000mL (67.62 oz.)	4/Pack
FB1014000	4000mL (135.25 oz.)	Each

Bottles

Fisherbrand™ Clear Boston Round Glass Bottles

General use bottles for solvent, chemical, or sample storage. Made from Type III soda-lime glass. Purchase without caps or choose attached caps in a variety of materials.

- Narrow screw neck opening, curved shoulders, and round body
- Clear for minimal chemical interference and visibility of contents
- Clear glass does not protect contents from UV rays

Capacity	Without Caps		With White Polypropylene Caps				With Black Phenolic Caps		Quantity
			Pulp/Vinyl Lined		PE Foam/PTFE Lined		PE Cone Lined	Rubber Lined	
	Cat. No.	Quantity	Cat. No.	Quantity	Cat. No.	Quantity	Cat. No.	Cat. No.	
1 oz.	FB02911940	432/Case	—	—	—	—	FB02911782	—	48/Case
2 oz.	FB02911944	288/Case	FB02911752 FB02911790	24/Case 288/Case	FB02911787	24/Case	FB02911783	—	24/Case
4 oz.	FB02911945	160/Case	FB02911780 FB02911730	24/Case 160/Case	FB02911788	24/Case	FB02911784	FB02911759	24/Case
8 oz.	FB02911872	108/Case	FB02911781 FB02911732	12/Case 108/Case	FB02911789	12/Case	FB02911785	FB02911760	12/Case
16 oz.	FB02911939	60/Case	FB02911777 FB02911778	12/Case 12/Case	FB02911753	12/Case	FB02911750	FB02911755	12/Case
32 oz.	FB02911927	12/Case	—	—	FB02911754	12/Case	FB02911751	FB02911758	12/Case

Fisherbrand™ Safety Coated Clear Boston Round Bottles

Made from type III soda-lime glass with shatter-resistant plastisol coating for safety, these bottles are easier to grip and harder to break. Purchase without caps or choose attached caps in a variety of materials.

- If the bottle breaks, the safety coating will contain contents long enough for disposal
- Non-slip coating allows for better wet or dry grip stability
- Do not autoclave

Capacity	Without Caps		With White Polypropylene Caps			With Black Phenolic Caps		
			Pulp/Vinyl Lined	PE Foam/PTFE Lined	Quantity	PE Cone Lined	Rubber Lined	Quantity
	Cat. No.	Quantity	Cat. No.	Cat. No.		Cat. No.	Cat. No.	
8 oz.	FB02911860	108/Case	FB02911818	FB02911821	12/Case	FB02911973	—	12/Case
16 oz.	FB02911921	60/Case	FB02911820	FB02911822	12/Case	FB02911971	FB02912318	12/Case
32 oz.	FB02911922	30/Case	—	FB02911823	12/Case	FB02911972	—	12/Case

Fisherbrand™ Amber Boston Round Glass Bottles

Amber Type III soda-lime glass absorbs all wavelength in the ultraviolet spectrum to protect your solvents, chemicals, or samples. Purchase without caps or choose attached caps in a variety of materials.

- Narrow screw neck opening, curved shoulders, and round body
- Glass provides minimal chemical interference with contents
- Offer integrity for long-term storage and protection of UV-sensitive contents

Capacity	Without Caps		With White Polypropylene Caps				With Black Phenolic Caps			
			Pulp/Vinyl Lined		PE Foam/PTFE Lined		PE Cone Lined		Rubber Lined	
	Cat. No.	Quantity	Cat. No.	Quantity	Cat. No.	Quantity	Cat. No.	Quantity	Cat. No.	Quantity
1 oz.	—	—	—	—	FB02912338	48/Case	FB02912339	48/Case	—	—
2 oz.	FB02911908	288/Case	FB02911742A	288/Case	FB02911737	24/Case	FB02911734	24/Case	—	—
							FB02911898	288/Case		
4 oz.	FB02911904	160/Case	FB02911723A	160/Case	FB02911740	24/Case	FB02911735	24/Case	FB02912341	24/Case
							FB02911895	160/Case		
8 oz.	FB02911905	108/Case	FB02911724A	108/Case	FB02911741	12/Case	FB02911900	108/Case	FB02912342	12/Case
16 oz.	FB02911902	60/Case	FB02911725A	60/Case	FB02911738	24/Case	FB02911743	12/Case	—	—
							FB02911878	60/Case		
32 oz.	FB02911903	30/Case	FB02911747A	12/Case	FB02911739	12/Case	FB02911744	12/Case	FB02912344	12/Case
							FB02911899	30/Case		

Fisherbrand™ Safety Coated Amber Boston Round Glass Bottles

Amber Type III soda-lime glass absorbs all wavelength in the ultraviolet spectrum to protect your solvents, chemicals, or samples With shatter-resistant plastisol coating for safety, these bottles are easier to grip and harder to break. Choose attached polypropylene or phenolic caps.

• If the bottle breaks, the safety coating will contain contents long enough for disposal

• Non-slip coating allows for better wet or dry grip stability

• Do not autoclave

Capacity	White Polypropylene Caps PE Foam/PTFE Lined Cat. No.	Black Phenolic Caps PE Cone Lined Cat. No.	Quantity
4 oz.	FB02911894	FB02911896	24/Case
8 oz.	FB02911815	FB02911970	12/Case
16 oz.	FB02911817	FB02911969	12/Case
32 oz.	FB02911814	FB02911901	12/Case

Fisherbrand™ Clear Standard Wide Mouth Glass Bottles

Made from clear, Type III soda-lime glass, these bottles are ideal for general storage of small to large volumes. Purchase without caps or with attached white polypropylene caps with your choice of liner.

• Wide mouth opening for easy transfer of contents

• Suitable for pharmaceutical, chemical, environmental, and food packaging and storing uses

• Clear glass does not protect contents from UV rays

Capacity	Without Caps Cat. No.	With White Polypropylene Caps		Quantity
		Pulp/Vinyl Lined Cat. No.	PE Foam/PTFE Lined Cat. No.	
4 oz.	FB02911942	FB02911731	—	24/Case
8 oz.	FB02911943	—	—	24/Case
16 oz.	FB02911871	—	—	24/Case
32 oz.	FB02912114	—	FB02911913	12/Case
64 oz.	FB02911869	—	FB02911769	6/Case
128 oz.	FB02912117	FB02911918	FB02911766	4/Case

Fisherbrand™ Amber Wide Mouth Packer Glass Bottles

Amber USP Type III soda-lime glass is ideal for storage of light-sensitive samples or dry powders. Purchase without caps or choose attached polypropylene or phenolic caps with liner options.

- Wide opening for easy removal of contents
- Amber color filters out ultraviolet wavelengths; use for light-sensitive solids
- Classic vitamin bottles; used in pharmaceutical packaging or for chemical or environmental settings

Capacity	Without Caps		With White Polypropylene Caps				With Black Phenolic Caps	
			Pulp/Vinyl Lined		PTFE Lined		PE Cone Lined	
	Cat. No.	Quantity	Cat. No.	Quantity	Cat. No.	Quantity	Cat. No.	Quantity
6mL	—	—	FB02911852A	720/Case	—	—	—	—
9mL	—	—	FB02911857A	912/Case	—	—	—	—
15mL	—	—	FB02911799A	624/Case	—	—	—	—
30mL	—	—	—	—	FB02911438	24/Case	FB02911444	24/Case
60mL	—	—	FB02911448A	216/Case	FB02911439	24/Case	FB02911445	24/Case
120mL	FB02911888	180/Case	—	—	FB02911440	24/Case	FB02911446A	24/Case
240mL	FB02911938	84/Case	—	—	FB02911441	24/Case	—	—
480mL	FB02911934	60/Case	—	—	FB02911442	12/Case	—	—
960mL	FB02911937	36/Case	—	—	FB02911443	12/Case	—	—
1242mL	—	—	—	—	FB02911796	6/Case	—	—
2484mL	—	—	—	—	FB02911854	12/Case	—	—

Fisherbrand™ Safety Coated Amber Wide Mouth Packer Glass Bottles

The wide opening makes them an ideal general-purpose bottle for solids. Made from amber Type III soda-lime glass with shatter-resistant plastisol coating for safety, these bottles are easier to grip and harder to break. Choose attached polypropylene or phenolic caps.

- Amber color filters out ultraviolet wavelengths; use for light-sensitive solids
- If the bottle breaks, the safety coating will contain contents long enough for disposal
- Do not autoclave

Capacity	With White Polypropylene Caps		With Black Phenolic Caps	
	Pulp/Vinyl Lined	PE Foam/PTFE Lined	PE Cone Lined	
	Cat. No.	Cat. No.	Cat. No.	Quantity
30mL	—	—	FB02911444	24/Case
60mL	—	—	FB02911445	24/Case
120mL	—	—	FB02911446A	24/Case
250mL	FB02911832	FB02911863	—	24/Case
500mL	FB02911828	FB02911830	—	12/Case
960mL	—	FB02911831	—	12/Case

Fisherbrand™ Clear French Square Glass Bottles

Clear USP Type III soda-lime glass bottles are ideal for storing solvents, chemicals, or samples or for sample observation. Purchase without caps or choose attached polypropylene or phenolic caps with your choice of liners.

- For general use when content integrity and visibility are important
- Clear glass offers minimal chemical interference.
- No protection from UV light

| Capacity | Without Caps | | With White Polypropylene Caps | | | | With Black Phenolic Caps | | | |
| | | | Pulp/Vinyl Lined | | PE Foam/PTFE Lined | | PE Cone Lined | | Rubber Lined | |
	Cat. No.	Quantity	Cat. No.	Quantity	Cat. No.	Quantity	Cat. No.	Quantity	Cat. No.	Quantity
0.5 oz.	—	—	FB02912302	576/Case	FB02911385	48/Case	FB02911402	48/Case	—	—
1 oz.	FB02911946	280/Case	FB02911380	48/Case	FB02911386	48/Case	FB02911403	48/Case	—	—
2 oz.	FB02911947	240/Case	FB02911381	48/Case	FB02911387	48/Case	FB02911404	48/Case	FB02911393	48/Case
			FB02911398	240/Case			FB02911405	24/Case		
4 oz.	FB02911887	120/Case	FB02911382	24/Case	FB02911388	24/Case	FB02911875	120/Case	FB02911394	24/Case
			FB02911399	120/Case						
8 oz.	FB02912297	84/Case	FB02911383	24/Case	FB02911389	24/Case	—	—	FB02911395	24/Case
			FB02911400	84/Case						
16 oz.	FB02911877	40/Case	FB02911401	40/Case	FB02911390	24/Case	—	—	FB02911396	24/Case

Fisherbrand™ Clear French Square Graduated Glass Bottles

Bottles are space-saving and easy to fill. Wide mouth opening is ideal for mixing, storing, and sampling.

- Clear glass provides maximum content visibility and minimal chemical inference with bottle contents
- Design allows bottle to hold the maximum volume of contents while taking up minimum shelf and storage space

Cat. No.	Capacity	Cap Type	Quantity
FB02911884	32 oz.	No caps	24/Case
FB02912016	32 oz.	PE Foam/PTFE-Lined PP	12/Case
FB02912017	32 oz.	Pulp/Vinyl-Lined PP	12/Case
FB02912300	32 oz.	Rubber-Lined PF	12/Case

Fisherbrand™ Clear Graduated Glass Bottles

Excellent multipurpose containers for biological and pathological specimens, or for storing industrial laboratory chemicals and reagents. Packaged with attached polypropylene or phenolic caps.

- Graduated in both milliliters and ounces
- Clear flint glass with a slight shoulder for easy pouring and handling
- Wide mouth for easy mixing, handling, and transfer of contents

| Capacity | With White Polypropylene Caps | | | | With Black Phenolic Caps | | | | | |
| | Pulp/Vinyl Lined | | PE Foam/ PTFE Lined | | PE Cone Lined | | Rubber Lined | | Pulp/Tin Foil Lined | |
	Cat. No.	Quantity	Cat. No.	Quantity	Cat. No.	Quantity	Cat. No.	Quantity	Cat. No.	Quantity
30mL (1 oz.)	FB02911465A	432/Case	—	—	—	—	—	—	—	—
60mL (2 oz.)	FB02911466A	288/Case	—	—	FB02911463A	48/Case	—	—	—	—
120mL (4 oz.)	—	—	—	—	FB02911471B	288/Case	FB02911474A	48/Case	FB02911924A	48/Case
240mL (8 oz.)	—	—	—	—	—	—	FB02911475A	24/Case	FB02911925A	24/Case
480mL (16 oz.)	—	—	FB02911462A	24/Case	—	—	FB02911476A	24/Case	—	—
960mL (16 oz.)	—	—	—	—	—	—	—	—	FB02911911A	24/Case

Fisherbrand™ Reusable Glass Media Bottles with PP Caps

Useful for a variety of general laboratory applications, these bottles have a wide opening, enhanced graduations, and a replaceable polypropylene pour ring.

- Borosilicate glass with permanent white enamel marking spot
- Linerless polypropylene screw cap (GL 45)
- Autoclavable (to 140°C)

Cat. No.	Capacity	Quantity
FB800100	100mL (3.3 oz.)	10/Case
FB800250	250mL (8.45 oz.)	10/Case
FB800500	500mL (17 oz.)	10/Case
FB8001000	1000mL (33.8 oz.)	10/Case
FB8002000	2000mL (67.62 oz.)	1/Case
FB8005000	5000mL (169.07 oz.)	1/Case
FB80010000	10000mL (338.1 oz.)	1/Case

Caps

Fisherbrand™ Caps

Choose white polyethylene or black phenolic resin caps with your choice of liners.

Neck Size	White Polypropylene Caps					
	PE Foam Lined		Pulp/Vinyl Lined		PE Foam/PTFE Lined	
	Cat. No.	Quantity	Cat. No.	Quantity	Cat. No.	Quantity
8-425	—	—	—	—	FB02912102A	500/Case
13-425	—	—	—	—	FB02912064A	500/Case
15-425	—	—	—	—	FB02912065	500/Case
18-400	—	—	—	—	FB02912066	500/Case
20-400	—	—	—	—	FB02912067	500/Case
22-400	—	—	—	—	FB02912068	500/Case
24-400	—	—	—	—	FB02912069	500/Case
28-400	—	—	—	—	FB02912070	500/Case
33-400	—	—	—	—	FB02912071	500/Case
					FB02911836A	4,000/Case
38-400	—	—	—	—	FB02912072	500/Case
43-400	—	—	—	—	FB02912073	500/Case
45-400	—	—	—	—	FB02912074	500/Case
48-400	—	—	FB02912291A	576/Case	FB02912075	500/Case
			FB02912332A	1,700/Case		
53-400	FB02912099	500/Case	FB02912292A	288/Case	FB02912076	500/Case
	FB02912093A	2,000/Case	FB02911844A	1,300/Case		
58-400	—	—	—	—	FB02912077	500/Case
63-400	—	—	—	—	FB02912085	288/Case
70-400	—	—	FB02912088A	144/Case	FB02912078	144/Case
83-400	—	—	—	—	FB02912079	144/Case
89-400	FB02912094A	624/Case	—	—	FB02912080	144/Case

Neck Size	Black Phenolic Resin				Black Polyethylene	
	PolyCone Lined		Rubber Lined		PolyCone Lined	
	Cat. No.	Quantity	Cat. No.	Quantity	Cat. No.	Quantity
15-425	FB02912058	576/Case	—	—	—	—
18-400	FB02912059	576/Case	—	—	—	—
20-400	FB02912054	576/Case	—	—	FB02911803	280/Case
22-400	FB02912056	576/Case	—	—	—	—
24-400	FB02912055	576/Case	—	—	—	—
28-400	FB02912061	576/Case	—	—	FB02912101	3,100/Case
33-400	FB02912062	576/Case	—	—	—	—
38-400	FB02912063A	576/Case	FB02912052A	576/Case	—	—
	FB02911727A	1,600/Case				

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Fisherbrand™ Replacement Caps for Glass Media Bottles

- Polypropylene
- Blue, linerless
- Autoclavable up to 140°C

Cat. No.	Description	Quantity
FB800STDCAP	Media Bottle Caps	10/Case

Fisherbrand™ GL 45 Thread Tube Screw Caps

- Red polybutylene terephthalate (PBT)
- PTFE liner
- With TFE/propylene O-ring (size 216)

Cat. No.	Description	Quantity
13-247-GL45	GL 45 Screw Caps	6/Pack

Dropping and Weighing Bottles

Fisherbrand™ Amber Glass Dropping Bottles

Amber glass protects light-sensitive chemicals.

• Screw cap with rubber bulb and glass pipet

Cat. No.	Capacity	Quantity
02-983A	30mL (1 oz.)	72/Case
02-983B	60mL (2.02 oz.)	26/Case

Fisherbrand™ Glass Weighing Bottles Closures

Rugged, lamp-blown glass construction.

• Sturdy bottoms prevent chipping and facilitate cleaning

• Ground glass (plug) closures

• Choose from low (flat) or tall (cylindrical) forms

Cat. No.	Form	Capacity	Dimensions	Quantity
03-420A	Low (Flat)	03-420A 35mL (1.18 oz.)	50 x 30mm	12/Case
03-420B	Low (Flat)	03-420B 50mL (1.69 oz.)	60 x 30mm	12/Case
03-420C	Low (Flat)	03-420C 82mL (2.77 oz.)	70 x 33mm	12/Case
03-415B	Tall (Cylindrical)	03-415B 10mL (0.33 oz.)	25 x 40mm	12/Case
03-415C	Tall (Cylindrical)	03-415C 16mL (0.54 oz.)	25 x 50mm	12/Case
03-415E	Tall (Cylindrical)	03-451E 30mL (1.01 oz.)	30 x 60mm	12/Case
03-415H	Tall (Cylindrical)	04-415H 70mL (2.36 oz.)	40 x 80mm	12/Case

Jars and Jugs

Fisherbrand™ Clear Straight Sided Glass Jars

Ideal for soil sampling and environmental applications with wide mouth to accommodate large solid samples. Purchase without caps or choose attached polypropylene or phenolic caps.

- Clear, USP Type III soda-lime glass
- Straight-sided for the complete removal of contents
- Available in sizes from 1 to 32 oz.

| Capacity | Without Caps | | With White Polypropylene Caps | | | | With Black Phenolic Caps | |
| | | | Pulp/Vinyl Lined | | PE Foam/PTFE Lined | | Rubber Lined | |
	Cat. No.	Quantity	Cat. No.	Quantity	Cat. No.	Quantity	Cat. No.	Quantity
1 oz.	FB02912304	384/Case	FB02911920	48/Case	FB02911912	48/Case	—	—
					FB02912306	384/Case		
2 oz.	FB02911996	144/Case	FB02911773	24/Case	FB02911763	24/Case	—	—
					FB02911791	144/Case		
2.5 oz.	—	—	FB02911883	180/Case	—	—	—	—
4 oz.	FB02911997	24/Case	FB02911775	24/Case	FB02911764	24/Case	FB02912345	24/Case
8 oz.	FB02911876	12/Case	FB02911776	12/Case	FB02911765	12/Case	—	—
16 oz.	FB02912118	12/Case	FB02911772	12/Case	FB02911761	12/Case	—	—
32 oz.	FB02912305	12/Case	FB02911774	12/Case	FB02911762	12/Case	—	—

Fisherbrand™ Safety Coated Clear Straight Sided Wide Mouth Glass Jars with White Polypropylene Caps

Made from clear Type III soda-lime glass with shatter-resistant plastisol coating for safety, these jars are easier to grip and harder to break. Packaged with attached polypropylene caps with your choice of liners.

- If broken, safety coating will contain contents long enough for disposal
- Non-slip coating for better wet or dry grip stability
- Do not autoclave

Cat. No.	Capacity	Cap Type	Quantity
FB02911825	8 oz.	Pulp/Vinyl-Lined PP	12/Case
FB02911824	16 oz.	Pulp/Vinyl-Lined PP	12/Case
FB02911827	8 oz.	PE Foam/PTFE-Lined PP	12/Case
FB02911868	16 oz.	PE Foam/PTFE-Lined PP	12/Case
FB02911721	32 oz.	Pulp/Tin Foil-Lined PP	12/Case

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Fisherbrand™ Amber Wide Mouth Straight Sided Glass Jars

These straight-sided amber glass jars protect contents from UV exposure. Purchase without caps or with attached polypropylene caps.

- Wide mouth for easy filling

- No shoulders for maximum storage capacity

- Closure thread: 58-400

Capacity	Without Caps		With White Polypropylene Caps	
			PE Foam/PTFE Lined	
	Cat. No.	Quantity	Cat. No.	Quantity
120mL (4 oz.)	FB02912298	24/Case	FB02912045	24/Case
240mL (8 oz.)	—	—	FB02911859	12/Case

Fisherbrand™ Clear Round Narrow Mouth Glass Jugs with Caps

Ideal storage solution for larger amounts of liquid. Attached polypropylene or phenolic caps with your choice of liners.

- Clear, USP Type III soda-lime glass

- With molded finger grip

- Narrow mouth prevents spillage

Cat. No.	Capacity	Cap Material	Liner	Quantity
FB02912280	1922mL (64 oz.)	White Polypropylene	PE Foam/PTFE	6/Case
FB02912278	3785mL (128 oz.)	White Polypropylene	PE Foam/PTFE	4/Case
FB02912273	3785mL (128 oz.)	White Polypropylene	Pulp/Vinyl	4/Case
FB02912272A	3785mL (128 oz.)	Black Phenolic	PE Cone	4/Case
FB02912307	1922mL (64 oz.)	Black Phenolic	PE Cone	6/Case
FB02912274	3785mL (128 oz.)	Black Phenolic	White Rubber	4/Case
FB02912275	1922mL (64 oz.)	Black Phenolic	White Rubber	6/Case

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Cylinders

Fisherbrand™ Serialized Class A Cylinders with Certificate of Calibration

Supplied with certificates of traceability and calibration (containing volumes and calibration correction factors).

- Borosilicate glass with fused-in serial numbers
- Calibrated "To Deliver" or "To Contain"
- White metric scale

Capacity	To Deliver		To Contain	
	Cat. No.	Quantity	Cat. No.	Quantity
10mL	08-557AC	Each	08-559AC	Each
25mL	08-557BC	Each	08-559BC	Each
50mL	08-557CC	Each	08-559CC	Each
100mL	08-557DC	Each	08-559DC	Each
250mL	08-557EC	Each	08-559EC	Each
500mL	08-557FC	Each	08-559FC	Each
1000mL	0973031	Each	08-559GC	Each
2000mL	08-557HC	Each	08-559HC	Each

Fisherbrand™ Serialized Class A Cylinders with Certificate of Traceability

Supplied with certificate of traceability.

- Borosilicate glass with fused-in serial numbers
- Calibrated "To Deliver" or "To Contain"
- White metric scale

Capacity	To Deliver		To Contain	
	Cat. No.	Quantity	Cat. No.	Quantity
10mL	08-557A	6/Case	08-559A	6/Case
25mL	08-557B	6/Case	08-559B	6/Case
50mL	08-557C	6/Case	08-559C	6/Case
100mL	08-557D	6/Case	08-559D	6/Case
250mL	08-557E	6/Case	08-559E	4/Case
500mL	08-557F	4/Case	08-559F	4/Case
1000mL	09-730-30	2/Case	08-559G	2/Case
2000mL	08-557H	4/Case	08-559H	1/Case

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Fisherbrand™ Class B Cylinders, Single English Scale

- Calibrated "To Contain"

- Accuracy assured even at lowest graduations

- White enamel inverted scale (zero at the bottom)

Cat. No.	Capacity	Quantity
08-563B	118.2mL (4 oz.)	Each
08-563C	236.5mL (8 oz.)	Each
08-563D	473.1mL (16 oz.)	Each
08-563E	946.35mL (32 oz.)	Each

Fisherbrand™ Class B Cylinders, Single Amber Metric Scale

These cylinders have heavy round bases and pouring spouts.

- Calibrated "To Deliver"

- Dark amber graduations provide contrast with light-colored liquids

- Accuracy even at lowest graduations (first 10% of volume at bottom is not graduated)

Cat. No.	Capacity	Quantity
08-570A	5mL	36/Case
08-570B	10mL	36/Case
08-570C	25mL	36/Case
08-570D	50mL	36/Case
08-570E	100mL	36/Case
08-570F	250mL	18/Case
08-570G	500mL	12/Case
08-570H	1000mL	8/Case
08-570J	2000mL	6/Case

Fisherbrand™ Standard Class B Graduated Cylinders, Single Metric Scale

Borosilicate glass cylinders with heavy round bases and pouring spouts.

- Calibrated "To Deliver"

- White ceramic graduations

- Single metric scale

Cat. No.	Capacity	Quantity
08-550A	5mL	36/Case
08-550B	10mL	36/Case
08-550C	25mL	36/Case
08-550D	50mL	36/Case
08-550E	100mL	36/Case
08-550F	250mL	18/Case
08-550G	500mL	12/Case
08-550H	1000mL	8/Case
08-550J	2000mL	6/Case

Fisherbrand™ Standard Class B Graduated Cylinders, Single Metric Scale

- Calibrated "To Contain"

- Pouring lip and heavy base

- Accurate at lowest graduations (first 10% of volume at bottom is not graduated)

Cat. No.	Capacity	Quantity
08-5571A	10mL	2/Pack
08-5571B	25mL	18/Case
08-5571C	50mL	18/Case
08-5571D	100mL	12/Case
08-5571E	250mL	12/Case
08-5571F	500mL	8/Case
08-5571G	1000mL	4/Case
08-5571H	2000mL	4/Case

Fisherbrand™ Class B Cylinders, Double Metric Scales

With two sets of white ceramic graduations for reading up or down.

- Calibrated "To Deliver"

- Pouring lip and heavy base

- Accurate at lowest graduations (first 10% of volume at bottom is not graduated)

Cat. No.	Capacity	Quantity
08-555A	10mL	36/Case
08-555B	25mL	36/Case
08-555C	50mL	36/Case
08-555D	100mL	36/Case
08-555E	250mL	18/Case
08-555F	500mL	12/Case
08-555G	1000mL	8/Case

Fisherbrand™ Class B Mixing Cylinders, Double Metric Scale, Pennyhead Stoppers

Borosilicate glass cylinders with ground glass neck and glass pennyhead stoppers.

- Calibrated "To Contain"

- Double white enamel metric graduations

Cat. No.	Capacity	Quantity
08-565A	10mL	12/Case
08-565B	25mL	12/Case
08-565C	50mL	12/Case
08-565D	100mL	12/Case
08-565E	250mL	6/Case
08-565F	500mL	6/Case

Fisherbrand™ Ungraduated Borosilicate Cylinders, Pouring Lip

- Convenient pouring lip

- Ungraduated for full visibility

- Heavy-wall construction resists breakage

Cat. No.	Capacity	Dimensions	Quantity
08-530A	25mL	25 x 125mm	24/Case
08-530B	50mL	25 x 150mm	24/Case
08-530C	125mL	38 x 150mm	24/Case
08-530E	175mL	38 x 200mm	24/Case
08-530F	225mL	38 x 250mm	36/Case
08-530G	275mL	38 x 300mm	18/Case
08-530J	300mL	38 x 325mm	12/Case
08-530K	350mL	38 x 375mm	12/Case
08-530L	600mL	50 x 375mm	12/Case
09-730-32	1000mL	64 x 460mm	Each
09-730-33	2000mL	85 x 500mm	Each

Fisherbrand™ Ungraduated Borosilicate Cylinders, No Pouring Lip

- Plain upper edge (no pouring lip)

- Ungraduated for full visibility

- Heavy-wall construction resists breakage

Cat. No.	Capacity	Dimensions	Quantity
08-535A	50mL	25 x 150mm	6/Case
08-535B	125mL	38 x 150mm	24/Case
08-535C	175mL	38 x 200mm	24/Case
08-535E	225mL	38 x 250mm	24/Case
08-535F	500mL	38 x 300mm	18/Case
08-535G	620mL	38 x 375mm	18/Case

Fisherbrand™ Cylinder for Petroleum Distillations, White Scale

Borosilicate glass cylinders can be used as receivers for petroleum distillations.

- Calibrated "To Contain"
- White ceramic metric scale with 1mL subdivisions
- Meets ASTM E 133, D 850 and D 86 specifications

Cat. No.	Capacity	Quantity
08-558	100mL	12/Case

Fisherbrand™ Low-Form Cylinders, Double Metric Scales

The shorter form lowers the center of gravity for increased stability and reduced spills.

- Calibrated "To Deliver"
- Dual white ceramic metric scales
- Lowest 10% of volume is not graduated

Cat. No.	Capacity	Quantity
08-562A	50mL	12/Case
08-562B	100mL	12/Case

Cells and Cuvets

Fisherbrand™ Glass Micro Absorption Cell for Electrophotometer II Colorimeter

Square cell for dark-colored samples.

- Optically flat
- Clear on two sides
- Frosted on two sides

Cat. No.	Description	Quantity
07-102-66	Square, Pathlength: 9.97mm	Each

Fisherbrand™ Round Borosilicate Glass Cuvets with Reference Mark

For use with commercial colorimeters and spectrophotometers.

• Borosilicate glass

• Reference mark near top helps with positioning

Cat. No.	Dimensions	Quantity
14-385-900A	12 x 75mm	36/Case
14-385-900B	13 x 100mm	36/Case
14-385-900D	19 x 105mm	36/Case
14-385-900E	19 x 150mm	36/Case

Flasks

Fisherbrand™ Reusable Glass Flat-Bottom Boiling Flasks

Round borosilicate glass flasks with flat bottoms.

• Rugged construction

• Ground glass neck with short 24/40 standard taper

• Meet ASTM™ Specification E 1403, Type I, Class 4 requirements

Cat. No.	Capacity	Quantity
FB200125	125mL	12/Case
FB200250	250mL	12/Case
FB200500	500mL	12/Case

Fisherbrand™ Reusable Glass Round-Bottom Boiling Flasks

Round borosilicate glass flasks with round bottoms.

• Ground glass neck

• Full-length 24/40 standard taper

• Meet ASTM™ Specification E 1403, Type I, Class 3 requirements

Cat. No.	Capacity	Quantity
FB201100	100mL	2/Pack
FB201250	205mL	2/Pack
FB201500	500mL	2/Pack
FB2011000	1000mL	

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Fisherbrand™ Flint Glass Flask Covers

Use these covers to help produce condensation and refluxing when boiling solutions.

- Designed by Professor F.E. Tuttle
- Flint glass
- Order size based on corresponding rubber stopper size

Cat. No.	Rubber Stopper Size	Quantity
10-042A	6	12/Pack
10-042B	7 or 8	12/Pack

Fisherbrand™ Reusable Glass Narrow-Mouth Erlenmeyer Flasks

Useful for measuring and mixing solutions where a high degree of accuracy is not necessary.

- Long, tapered outside contour to minimize chipping
- Thick-walled with reinforced and rounded top edge
- White ceramic enamel marking spot

Cat. No.	Capacity	Quantity
FB50025	25mL	12/Pack
FB50050	50mL	12/Pack
FB500125	125mL	12/Pack
FB500250	250mL	12/Pack
FB500500	500mL	6/Pack
FB5001000	1000mL	6/Pack
FB5002000	2000mL	4/Pack
FB5004000	4000mL	Each
FB5006000	6000mL	Each

Fisherbrand™ Reusable Glass Wide-Mouth Erlenmeyer Flasks

Sturdy borosilicate glass construction with a heavy-duty, tooled-top finish.

- High resistance to heat, chemical attack, and mechanical shock
- Capacity scale measures approximate volume
- Matte-finish ceramic marking spot accepts writing and erases easily

Cat. No.	Capacity	Quantity
FB501125	125mL	12/Pack
FB501250	250mL	12/Pack
FB501500	500mL	6/Pack
FB5011000	1000mL	6/Pack
FB5012000	2000mL	4/Pack

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Fisherbrand™ Reusable Glass Heavy-Wall Filter Flasks

Heavier walls than standard Erlenmeyer flasks to withstand vacuum pressures.

• Tolerate 1 atmosphere of vacuum (20 in. of mercury)

• Side tubulation

• Meet USP Type I, ASTM E438, Type I, Class A requirements

Cat. No.	Capacity	Accepts Tubing I.D.	Quantity
FB300250	250mL	0.31 in. (7.9mm)	6/Pack
FB300500	500mL	0.31 in. (7.9mm)	6/Pack
FB3001000	1000mL	0.38 in. (9.7mm)	6/Pack
FB3002000	2000mL	0.38 in. (9.7mm)	Each
FB3004000	4000mL	0.38 in. (9.7mm)	Each

Fisherbrand™ Reusable Glass Class A Volumetric Flasks with PE Snap Caps

Class A accuracy without serial numbers.

• Calibrated "To Contain"

• Include polyethylene snap caps

• Designed from ASTM™ specification E288

Cat. No.	Capacity	Quantity
FB40110	10mL	12/Case
10-200A	25mL	12/Case
10-200B	50mL	12/Case
10-200C	100mL	12/Case
10-200D	200mL	12/Case
10-200E	250mL	12/Case
10-200F	500mL	12/Case
10-200G	1000mL	6/Case
FB4012000	2000mL	4/Case

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Fisherbrand™ Reusable Glass Class A Volumetric Flasks with Standard Taper Stoppers

Calibrated "To Contain" with a ground glass neck and a single graduation ring.

- Calibration lasts indefinitely if not exposed to hydrofluoric acid, hot phosphoric acid, or strong, hot alkalis

- Do not heat above 150°C when dry

- Meet ASTM™ Specification E 288, Class A unserialized requirements

Cat. No.	Capacity	Stopper Size	Quantity
FB40010	10mL	9	12/Case
10-205A	25mL	9	12/Case
10-205B	50mL	9	12/Case
10-205C	100mL	13	12/Case
FB400200	200mL	16	12/Case
10-205D	250mL	16	12/Case
10-205E	500mL	19	12/Case
10-205F	1000mL	22	6/Case
FB4002000	2000mL	27	4/Case

Fisherbrand™ White Line Volumetric Flasks with Standard Taper Stoppers

- Single graduation ring

- Calibrated "To Contain"

- Ground glass neck; includes pennyhead stopper

Cat. No.	Capacity	Stopper Size	Quantity
10-205H	20mL	9	6/Case
10-205J	150mL	13	6/Case

Burets and Funnels

Fisherbrand™ Schellbach Burets with 3-Way PTFE Stopcocks

Borosilicate glass with special markings for accuracy: white Schellbach band with a vertical blue stripe behind a black enamel scale

- Self-zeroing, with 0.25 in. O.D. overflow and filling tubes
- Calibrated to read at the apparent meniscus

Cat. No.	Capacity	Length	Quantity
13-678-601	25mL	59.5cm	1/Case
13-678-602	50mL	75.4cm	1/Case

Fisherbrand™ Classic Glass Thistle Tube Funnels

- Borosilicate glass
- Thistle top

Cat. No.	Top Diameter	Stem Dia. x L	Quantity
10-455A	45 x 250mm	6 x 250mm	Each
10-455B	45 x 300mm	6 x 300mm	Each

Fisherbrand™ Reusable Glass Long-Stem Funnels, Class B, 58° Angle

Constructed with heavy uniform walls, molded rims, and fire-polished stems, the 58° angle promotes faster, more effective filtering.

- Most of the conical area is available for filtration
- Borosilicate glass offers high resistance to chemical attack, mechanical and thermal shock
- Meet ASTM™ Specifications E 1095, Type I, Class B requirements

Cat. No.	Capacity	Length	Quantity
FB6005865	60mL	15cm	12/Pack
FB60058100	185mL	15cm	6/Pack

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Fisherbrand™ Reusable Glass Funnels

Borosilicate glass construction is autoclavable; designed for easy buret filling.

- Stem length: 1.37 in. (35mm)

- Outer diameter (top): 1.57 in. (40mm)

- Overall height: 2.55 in. (65mm)

Cat. No.	Dia. x L	Quantity
03-865	40 x 35mm	12/Pack

Fisherbrand™ Reusable Glass Short-Stem Funnels, Class A, 58° Angle

Constructed with heavy uniform walls, molded rims, and fire-polished stems, the 58° angle promotes faster, more effective filtering.

- Most of the conical area is available for filtration

- Borosilicate glass offers high resistance to chemical attack, mechanical and thermal shock

- Meet ASTM™ Specifications E 1095, Type I, Class A requirements

Cat. No.	Capacity	Dia. x L	Quantity
FB6015845	19mL	45 x 50mm	6/Pack
FB6015865	60mL	65 x 63mm	12/Pack
FB6015875	90mL	75 x 75mm	12/Pack
FB60158100	225mL	100 x 97mm	6/Pack

Fisherbrand™ Squibb Separatory Funnels with Standard Taper Stoppers and Glass Stopcocks

Funnels made from 33 expansion, low extractable borosilicate glass.

- Sizes from 125 to 1000mL

- Stem length: 75mm

- Conform to USP Type I and ASTM E438, Type I, Class A requirements

Cat. No.	Capacity	Stopper Size	Quantity
10-436A	125mL	22	6/Case
10-436B	250mL	22	6/Case
10-436C	500mL	27	6/Case
10-436D	1000mL	27	4/Case

Fisherbrand™ Squibb Separatory Funnels with PTFE Plug Stopcocks

Large-diameter lower stems drain liquids completely when stopcock is opened.

- Stopcock does not require grease; will not bind or freeze

- KIMAX borosilicate glass

- Stem length: 60mm

- Meets ASTM™ E 1096-86 requirements

Cat. No.	Capacity	Stopper Size	Quantity
13-678-603	125mL	22	6/Case
13-678-604	250mL	22	6/Case
13-678-605	500mL	27	6/Case
13-678-606	1000mL	27	4/Case

Fisherbrand™ Reusable Glass Weighing Funnels

Borosilicate glass weighing dish and sample transfer funnel in one.

- Tapered pouring necks for microtransfer of solids and liquids

- Flat bottom keeps funnel steady during weighing

- Temperature range: Up to 454°C (849°F)

Cat. No.	Dia. x L	Quantity
14-353B	15 x 40mm	5/Pack
14-353D	25 x 55mm	5/Pack
14-353F	Assorted: 1 Each of 10 x 35mm, 15 x 40mm, 20 x 45mm, 25 x 55mm, and 32 x 68mm	5/Pack

Pasteur Pipets

Fisherbrand™ Disposable Borosilicate Glass Pasteur Pipets

Constriction near top prevents plug (not included) from slipping into pipette body.

- Tips held to close diameter tolerances
- Square cut end
- Comply with ASTM™ E 732 specifications

Cat. No.	Capacity	Length	Quantity
13-678-20A	2mL	5.75 in.	720/Case
13-678-20B	2mL	5.75 in.	1,440/Case
13-678-20C	2mL	9 in.	720/Case
13-678-20D	2mL	9 in.	1,440/Case

Fisherbrand™ Disposable Controlled-Drop Pasteur Pipets

For blood typing and cross-matching procedures in blood banks.

- Delivers 22 to 26 drops per mL
- Drop size matches those from antisera drop bottles
- Can be cotton plugged (plugs not included)

Cat. No.	Description	Capacity	Length	Quantity
13-678-30	Borosilicate Glass	2mL	5.75 in.	1,000/Case
13-678-6C	Flint Glass	2mL	5.75 in.	1,000/Case

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Fisherbrand™ Disposable Cotton-Plugged Borosilicate-Glass Pasteur Pipets

Made of N-51A borosilicate glass with straight-cut tips and smooth, fire-polished tops.

- Constricted (approximately 1 in. from top) to hold supplied cotton plugs in place

- Easel-style box made of non-linting material acts as a dispenser

- Foam pad at the bottom of box protects tips

Cat. No.	Capacity	Length	Quantity
13-678-8A	2mL.	5.75 in.	250/Pack
13-678-8B	2mL	9 in.	250/Pack

Fisherbrand™ Disposable Large-Volume Pasteur Pipets

Economical flint glass pipet transfers samples for all types of enteric diagnostic testing.

- Single transfer: 4mL

- Can be used with API Analytab System

Cat. No.	Capacity	Length	Quantity
22-378-893	4mL	5.75 in.	100/Pack

Fisherbrand™ Disposable Soda Lime Glass Pasteur Pipets in Stand-Up Case

High-quality flint glass pipets in convenient stand-up case.

- Tip opening range: 0.03 to 0.06 in. (0.80 to 1.40mm)

- Approximate volume: 2mL

- Can be cotton-plugged (plugs not included)

Cat. No.	Capacity	Length	Quantity
22-230-482	2mL	5.75 in.	1,000/Case
22-230-490	2mL.	9 in.	1,000/Case

Fisherbrand™ Disposable Soda-Lime Glass Pasteur Pipets

Constriction near top prevents plugs from slipping into pipette body (cotton plugs not included).

- Uniform bore; tip openings range from 0.80 to 1.20mm

- Top and tips free of sharp edges

- Carton top folds back for convenient dispensing

Cat. No.	Capacity	Length	Quantity
13-678-6A	2mL	5.75 in.	250/Pack
13-678-6B	2mL	9 in.	250/Pack

Fisherbrand™ Pasteur Pipets in Easel Packs

Packaged in strong corrugated material for maximum protection from external shock; each pack contains a foam pad to protect the pipet tips.

- Straight-cut tips and smooth, fire-polished tops facilitate bulb attachment

- Positive constriction (approximately 1 in. from the top) to prevent cotton plugs from slipping into the body

- Easel configuration keeps pipets orderly and easily accessible

Cat. No.	Description	Capacity	Length	Quantity
22-042-816	Soda Lime Glass	2mL	5.75 in.	250/Pack
22-042-817	Soda Lime Glass	2mL	9 in.	250/Pack
22-063-156	Soda Lime Glass	2mL	5.75 in.	200/Pack
22-063-172	Soda Lime Glass	2mL	9 in.	200/Pack
22-183-624	Borosilicate Glass	2mL	5.75 in.	1,000/Case
22-183-632	Borosilicate Glass	2mL	9 in.	1,000/Case
22-209-353	Soda Lime Glass, Cotton Plugged	2mL	5.75 in.	250/Pack
22-209-361	Soda Lime Glass, Cotton Plugged	2mL	9 in.	250/Pack
22-209-379	Borosilicate Glass, Cotton Plugged	2mL	5.75 in.	250/Pack

Serological Pipets

Fisherbrand™ Reusable Cotton Plug-Top Glass Serological Pipets

For fast, uniform flow times. Made from borosilicate glass with permanent amber markings, these pipets have a constriction at the top to contain cotton plugs (plugs not included).

• Calibrated "To Deliver/Blow Out."

• Accuracy printed on each pipet

• Tuf-Temp treated to reduce chipping

• Meet requirements of ASTM™ E 1044-96, Style II-Cotton Plugging Mouthpiece

Cat. No.	Capacity	Packaging	Quantity
13-671-102A	0.1mL (0.01mL)	Standard	12/Case
13-671-102C	0.2mL (0.01mL)	Standard	12/Case
13-671-102F	1mL (0.01mL)	Standard	12/Case
13-671-102G	1mL (0.1mL)	Standard	12/Case
13-671-102J	2mL (0.01mL)	Standard	12/Case
13-671-102H	2mL (0.1mL)	Standard	12/Case
13-676-53F	2mL (0.1mL)	Bulk	250/Case
13-675K	5mL (0.1mL)	Standard	12/Case
13-676-53G	5mL (0.1mL)	Bulk	250/Case
13-675M	10mL (0.1mL)	Standard	12/Case
13-676-53H	10mL (0.1mL)	Bulk	250/Case
13-675N	25mL (0.1mL)	Standard	12/Case
13-676-53J	25mL (0.1mL)	Bulk	250/Case

Fisherbrand™ Autoclavable Reusable Glass Serological Pipets, Short Length

The shorter length makes it easier to transfer liquids in confined areas like hoods.

• Reusable; can be autoclaved

• Choose bacteriological or cotton-plugged style

Cat. No.	Top Style	Capacity	Quantity
13-67-661F	Bacteriological	5mL	12/Case
13-676-63E	Cotton Plugged	2mL	12/Case
13-676-63F	Cotton Plugged	5mL	12/Case
13-676-63G	Cotton Plugged	10mL	12/Case

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Fisherbrand™ Borosilicate Glass Disposable Serological Pipets with Regular Tip, Short Length

These pipets have negative graduations, bidirectional scales, and a shorter length that make them perfect for tissue culture work or procedures performed in confined areas.

• Calibrated "To Deliver/Blow Out"

• Blue markings are easy to read

• Individually wrapped in transparent plastic/paper wrappers; overpacked in recyclable, handy shelf container/dispensers

• Volume tolerances comply with ASTM™ E 714

• Sterile

Cat. No.	Capacity	Quantity
13-678-36A	1mL (0.1mL)	400/Case
13-678-36B	5mL (0.1mL)	200/Case
13-678-36C	10mL (0.2mL)	200/Case
13-678-36D	25mL (0.2mL)	200/Case
13-678-36E	50mL (0.5mL)	50/Case

Fisherbrand™ Large Tip Opening Glass Serological Pipets

The large openings are Ideal for viscous solutions and tissue culture work. Tip openings range from 2.5mm (0.1 in.) for 1mL pipets to 3mm (0.12 in.) for other sizes. Can be used with cotton plugging machines (plugs not included).

• Calibrated "To Deliver/Blow Out"

• Accuracy printed on each pipet

• Borosilicate glass with permanent amber markings

• Tuf-Temp treated to reduce chipping

Cat. No.	Capacity	Quantity
13-671-108A	1mL (0.1mL)	12/Case
13-671-108B	2mL (0.1mL)	12/Case
13-671-108C	5mL (0.1mL)	12/Case
13-671-108D	10mL (0.1mL)	12/Case
13-671-108E	25mL (0.1mL)	12/Case

Fisherbrand™ Borosilicate Glass Disposable Serological Pipets with Regular Tip, Standard Length

The long, slender, tapered tips of these chemically inert pipets speed pipetting.

- Calibrated "To Deliver/Blow Out"

- Negative graduations, bidirectional scales.

- Volume tolerances comply with ASTM™ E 714

- Your choice of sterile or nonsterile and various packaging options

Cat. No.	Sterility	Capacity	Packaging	Quantity
13-678-31D	Nonsterile	0.5mL (0.01mL)	Canister Pack (250)	500/Case
13-678-31E	Nonsterile	1mL (0.1mL)	Canister Pack (250)	1,000/Case
13-678-31F	Nonsterile	1mL (0.01mL)	Bulk	1,000/Case
13-678-31G	Nonsterile	2mL (0.1mL)	Bulk	500/Case
13-678-31H	Nonsterile	5mL (0.1mL)	Bulk	500/Case
13-678-31J	Nonsterile	10mL (0.1mL)	Bulk	500/Case
13-678-25A	Sterile	1mL (0.1mL)	Multi-Pack (250)	1,000/Case
13-678-25B	Sterile	1mL (0.01mL)	Multi-Pack (250)	1,000/Case
13-678-25C	Sterile	2mL (0.1mL)	Multi-Pack (250)	500/Case
13-678-25D	Sterile	5mL (0.1mL)	Multi-Pack (250)	500/Case
13-678-25E	Sterile	10mL (0.1mL)	Multi-Pack (250)	500/Case
13-678-26A	Sterile	1mL (0.01mL)	Canister Pack (50)	500/Case
13-678-26B	Sterile	2mL (0.1mL)	Canister Pack (50)	500/Case
13-678-26C	Sterile	5mL (0.1mL)	Canister Pack (50)	500/Case
13-678-26D	Sterile	10mL (0.1mL)	Canister Pack (50)	500/Case
13-678-27A	Sterile	0.5mL (0.01mL)	Individually Wrapped	500/Case
13-678-27B	Sterile	1mL (0.1mL)	Individually Wrapped	1,000/Case
13-678-27C	Sterile	1mL (0.01mL)	Individually Wrapped	1,000/Case
13-678-27D	Sterile	2mL (0.1mL)	Individually Wrapped	500/Case
13-678-27E	Sterile	5mL (0.1mL)	Individually Wrapped	500/Case
13-678-27F	Sterile	10mL (0.1mL)	Individually Wrapped	500/Case

Fisherbrand™ Disposable Borosilicate Glass Serological Pipets with Wide Tip, Standard Length

Wide-tipped pipets are sterile and cotton plugged with negative graduations and bidirectional scales are well-suited to transferring liquids that are viscous or contain small particulates.

- Calibrated "To Deliver/Blow Out"

- Blue markings are easy to read

- Multipack (with resealable flap) permits easy access without contaminating unused pipets

Cat. No.	Capacity	Quantity
13-678-35A	5mL (0.1mL)	400/Case
13-678-35B	10mL (0.1mL)	400/Case

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Fisherbrand™ Long Tip Glass Serological Pipets

With long tapered tips for pipetting into or sampling from small tubes, vials, or cuvets, these borosilicate glass pipets have permanent amber markings and are graduated to the tip.

- Calibrated "To Deliver/Blow Out"

- Accuracy printed on each pipet

- Tuf-Temp treated to reduce chipping

- 10mL size can be cotton plugged (plugs not included)

Cat. No.	Capacity	Quantity
13-674-26A	0.1mL (0.01mL)	12/Case
13-674-26C	0.2mL (0.01mL)	12/Case
13-674-26F	1mL (0.01mL)	12/Case
13-674-26G	1mL (0.1mL)	12/Case
13-674-26H	2mL (0.1mL)	12/Case
13-674-26M	10mL (0.1mL)	12/Case

Fisherbrand™ Serialized/Certified Class A Glass Serological Pipets

Permanent amber markings are fused to Tuf-Temp™-treated borosilicate glass. Sizes 5, 10, and 25mL can be cotton plugged.

- Class A, Type 1; calibrated "To Deliver"

- Include Certificate of Traceability to standards provided by NIST

- Meet ASTM™ E1044 requirements

Cat. No.	Capacity	Quantity
13-675-3F	1mL (0.01mL)	6/Case
13-675-3H	2mL (0.1mL)	6/Case
13-675-3K	5mL (0.1mL)	6/Case
13-675-3M	10mL (0.1mL)	6/Case
13-675-3N	25mL (0.1mL)	6/Case

Fisherbrand™ Standard-Top Glass Serological Pipets

Made from borosilicate glass with permanent amber markings, these pipets offer fast, uniform flow times.

- Accuracy printed on each pipet

- Tuf-Temp™ treated to reduce chipping

- Use pipets 13-675D and 13-675E for VDRL testing

- Comply with ASTM E1044-96

Cat. No.	Capacity	Graduations	Quantity
13-675A	0.1mL	0.01mL	12/Case
13-675C	0.2mL	0.01mL	12/Case
13-675D	0.5mL	0.01mL	12/Case
13-675E	0.5mL	0.05mL	12/Case
13-675F	1mL	0.01mL	12/Case
13-675G	1mL	0.1mL	12/Case
13-675J	2mL	0.01mL	12/Case
13-675H	2mL	0.1mL	12/Case

Fisherbrand™ Kahn Glass Serological Pipets

Made from borosilicate glass with permanent amber markings, these pipets are used for sera and antigen transfer in Kahn tests as published in *The American Journal of Public Health*, 129 (June, 1924).

- Calibrated "To Deliver/Blow Out"

- Accuracy printed on each pipet

- Tuf-Temp treated to reduce chipping

Cat. No.	Capacity	Quantity
13-677-G	0.1mL (0.001mL)	12/Case

Special-Purpose Pipets

Fisherbrand™ Glass Ostwald-Folin Pipets, To Deliver

These borosilicate glass pipets with tapered bulbs and permanent amber markings offer accuracy at a reasonable price.

• Calibrated "To Deliver/Blow Out"

• Accuracy printed on each pipet (equivalent to Class A volumetric pipets)

• Tuf-Temp treated to reduce chipping

• Meet Fed. Spec. NNN-P-340B (or latest revision)

Cat. No.	Capacity	Quantity
11-382-32C	0.25mL	12/Case
11-382-32D	0.3mL	12/Case
11-382-32E	0.5mL	12/Case
11-382-32F	1mL	12/Case
11-382-32G	2mL	12/Case
11-382-32H	3mL	12/Case
11-382-32J	4mL	12/Case
11-382-32K	5mL	12/Case
11-382-32L	10mL	12/Case

Fisherbrand™ Dual-Purpose Glass Ostwald-Folin Pipets, To Contain and To Deliver

These dual-purpose pipets are calibrated both "To Deliver" and "To Contain".

• Tuf-Temp treated to reduce chipping

• Read upper graduation for "To Deliver/Blow Out"; read lower graduation for "To Contain"

Cat. No.	Capacity	Quantity
11-382-33A	0.1mL	12/Case
11-382-33B	0.2mL	12/Case
11-382-33C	0.25mL	12/Case
11-382-33D	0.3mL	12/Case
11-382-33E	0.5mL	12/Case
11-382-33F	1mL	12/Case
11-382-33G	2mL	12/Case
11-382-33H	2.5mL	12/Case
11-382-33J	3mL	12/Case
11-382-33K	4mL	12/Case
11-382-33L	5mL	12/Case
11-382-33M	10mL	12/Case

Fisherbrand™ Dye Industry Pipets, Borosilicate Glass, To Deliver

The white graduations on the borosilicate glass stand are easier to read against a dark background than conventional amber markings.

- Calibrated "To Deliver/Blow Out"
- Inverse scale: volume graduations start with 0 at the tip
- Catalog number, capacity, and accuracy marked on each pipet
- Tuf-Temp treated to reduce chipping

Cat. No.	Capacity	Quantity
13-671-109F	1mL (0.01mL)	12/Case
13-671-109H	2mL (0.1mL)	12/Case
13-671-109K	5mL (0.1mL)	12/Case
13-671-109M	10mL (0.1mL)	12/Case
13-671-109N	25mL (0.5mL)	12/Case

Fisherbrand™ Glass Kolmer Serological Pipets (for Complement Fixation)

Used in the Kolmer Complement Fixation technique, these borosilicate glass serological pipets have permanent amber markings.

- Calibrated "To Deliver" to baseline
- Accuracy printed on each pipet
- Tuf-Temp treated to reduce chipping

Cat. No.	Capacity	Quantity
13-676-F	1mL (0.01mL)	12/Case
13-676-G	1mL (0.1mL)	12/Case
13-676-H	2mL (0.1mL)	12/Case
13-676-K	5mL (0.01mL)	12/Case
13-676-M	10mL (0.01mL)	12/Case

Fisherbrand™ Long-Tip Glass Mohr Measuring Pipets, To Deliver

Long, tapered tips (55 to 60mm) fit easily into small vials, tubes, or cuvets, and the graduations are visible from inside the vessels.

- Calibrated "To Deliver" to baseline
- Accuracy printed on each pipet
- Borosilicate glass with permanent amber markings
- Tuf-Temp treated to reduce chipping

Cat. No.	Capacity	Quantity
13-664-8F	1mL (0.01mL)	12/Case
13-664-8G	1mL (0.1mL)	12/Case
13-664-8J	2mL (0.1mL)	12/Case
13-664-8K	5mL (0.1mL)	12/Case
13-664-8M	10mL (0.1mL)	12/Case

Fisherbrand™ Standard-Tip Mohr Measuring Glass Pipets, To Deliver

Borosilicate glass with permanent amber marking and standard taper tips.

- Calibrated "To Deliver" to baseline
- Accuracy printed on each pipet
- Tuf-Temp treated to reduce chipping

Cat. No.	Capacity	Quantity
13-665A	0.1mL (0.01mL)	12/Case
13-665F	1mL (0.01mL)	12/Case
13-665G	1mL (0.1mL)	12/Case
13-665H	2mL (0.1mL)	12/Case
13-665K	5mL (0.1mL)	12/Case
13-665M	10mL (0.1mL)	12/Case
13-665N	25mL (0.1mL)	12/Case

Fisherbrand™ Serialized/Certified Mohr Measuring Glass Pipets, To Deliver

These reusable, borosilicate glass Class A pipets have permanent amber graduations and serial numbers and include a certificate indicating calibration traceable to NIST™ standards.

- Calibrated "To Deliver"

- Accuracy printed on each pipet

- Tuf-Temp treated to reduce chipping

- Meet requirements of Fed. Spec. NNN-P-350C, Style 1-Standard Taper, and ASTM™ E1293

Cat. No.	Capacity	Quantity
13-665-3F	1mL (0.01mL)	6/Case
13-665-3H	2mL (0.1mL)	6/Case
13-665-3K	5mL (0.1mL)	6/Case
13-665-3M	10mL (0.1mL)	6/Case
13-665-3N	25mL (0.1mL)	6/Case

Fisherbrand™ Nonsterile Reusable Borosilicate Glass Milk Bacteriological Pipets, To Deliver

With permanent markings and Tuf-Temp treated (to reduce chipping), these pipets are available in a range of capacities and also as graduated or ungraduated.

- Calibrated "To Deliver" the indicated volume of milk at 68°F (20°C)

- Accuracy printed on pipets (applies to milk only)

- Meet current APHA specifications

Cat. No.	Capacity	Graduations	Quantity
13-670A	1mL	1mL	12/Case
13-670B	1.1mL	1 and 1.1mL	12/Case
13-670C	1.1mL	0.5, 1, and 1.1mL	12/Case
13-670D	2.2mL	1, 2, 2.1, and 2.2mL	12/Case
13-670F	10mL	Ungraduated	12/Case
13-670G	11mL	Ungraduated	12/Case

Fisherbrand™ Sterile Glass Milk Bacteriological Pipets, To Deliver

Disposable borosilicate pipettes for milk testing procedures.

- Calibrated "To Deliver"

- Choose 1.1 or 2.2mL capacity (1.1mL size also used for milk phosphatase test)

- Packed in bags of 250

- Meet APHA requirements for milk dilutions

Cat. No.	Capacity	Graduations	Quantity
12-724	1.1mL	0.5, 1, and 1.1mL	1,000/Case
12-724-1	2.2mL	1, 2, 2.1, and 2.2mL	1,000/Case

Volumetric Pipets

Fisherbrand™ Reusable Class A Volumetric Pipets

Available as standard or serialized. Standard pipets meet Class A requirements of ASTM™ E-969-95; serialized pipets are NIST traceable and have individually fused serial numbers and Certificates of Traceability.

- Borosilicate glass pipets with permanent amber markings
- Calibrated "To Deliver"
- Accuracy printed on each pipet
- Tuf-Temp treated to reduce chipping

Capacity	Standard		Serialized	
	Cat. No.	Quantity	Cat. No.	Quantity
0.5mL	13-650-2A	12/Case	13-650-3A	6/Case
1mL	13-650-2B	12/Case	13-650-3B	6/Case
2mL	13-650-2C	12/Case	13-650-3C	6/Case
2.5mL	13-650-2Y	12/Case	13-650-3Y	6/Case
3mL	13-650-2D	12/Case	13-650-3D	6/Case
4mL	13-650-2E	12/Case	13-650-3E	6/Case
5mL	13-650-2F	12/Case	13-650-3F	6/Case
6mL	13-650-2G	12/Case	13-650-3G	6/Case
7mL	13-650-2H	12/Case	13-650-3H	6/Case
8mL	13-650-2J	12/Case	13-650-3J	6/Case
9mL	13-650-2K	12/Case	13-650-3K	6/Case
10mL	13-650-2L	12/Case	13-650-3L	6/Case
12mL	13-650-2X	12/Case	13-650-3X	6/Case
15mL	13-650-2M	12/Case	13-650-3M	6/Case
20mL	13-650-2N	12/Case	13-650-3N	6/Case
25mL	13-650-2P	12/Case	13-650-3P	6/Case
30mL	13-650-2Q	12/Case	13-650-3Q	6/Case
40mL	13-650-2R	12/Case	13-650-3R	6/Case
50mL	13-650-2S	12/Case	13-650-3S	6/Case
75mL	13-650-2T	12/Case	13-650-3T	6/Case
100mL	13-650-2U	12/Case	13-650-3V	6/Case
200mL	13-650-2W	4/Case	13-650-3W	Each

Fisherbrand™ Reusable Class B Volumetric Pipets

Ensure accuracy and reproducibility with these borosilicate glass pipets. Permanent amber markings and a large numeral on the bulb (15mL and larger pipets) make identification easier.

- Calibrated "To Deliver"

- Accuracy printed on each pipet

- Tuf-Temp™-treated tempered tips reduce chipping

- Meet Class B volume accuracy and flow time requirements of ASTM™ E 969-95

Cat. No.	Capacity	Quantity	Cat. No.	Capacity	Quantity
13-650A	0.5mL	12/Case	13-650L	10mL	12/Case
13-650B	1mL	12/Case	13-650M	15mL	12/Case
13-650C	2mL	12/Case	13-650N	20mL	12/Case
13-650Y	2.5mL	12/Case	13-650P	25mL	12/Case
13-650D	3mL	12/Case	13-650Q	30mL	12/Case
13-650E	4mL	12/Case	13-650R	40mL	12/Case
13-650F	5mL	12/Case	13-650S	50mL	12/Case
13-650G	6mL	12/Case	13-650T	75mL	12/Case
13-650H	7mL	12/Case	13-650U	100mL	12/Case
13-650J	8mL	12/Case	13-650V	200mL	12/Case
13-650K	9mL	12/Case	—	—	—

Fisherbrand™ Reusable CulturTek™ Volumetric Pipets with Large Tip Openings

Originally developed for in-house culture production at Smith, Kline and French Laboratories. Heavy borosilicate glass provides greater resistance to chipping and breakage than conventional volumetric pipets, and large tip opening (approximately 4mm) fills and drains quickly.

- Calibrated "To Deliver"

- Reinforced tip and mouthpiece bulb joints

- Shorter length makes pipets easier to handle

- Permanent amber markings

- Top tooled for cotton plugs (plugs not supplied)

Cat. No.	Capacity	Quantity
13-650-30A	25mL (0.85 oz.)	12/Case
13-650-30B	50mL (1.69 oz.)	12/Case
13-650-30C	100mL (3.38 oz.)	12/Case

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Tubes

Fisherbrand™ Disposable Borosilicate Glass Tubes with Plain End

Use these tubes for tissue culture and clinical chemistry applications.

• Borosilicate glass reduces pH changes

• Lower potential for contaminant leaching than from soda lime glass

• Packaged in shrink-wrapped trays to prevent breakage or contamination

Cat. No.	Capacity	Dia. x H	Quantity
14-961-25	4mL	10 x 75mm	1,000/Case
14-961-26	6mL	12 x 75mm	1,000/Case
14-961-27	10mL	13 x 100mm	1,000/Case
14-961-28	13mL	15 x 85mm	1,000/Case
14-961-35	13mL	16 x 85mm	1,000/Case
14-961-29	15mL	16 x 100mm	1,000/Case
14-961-30	19mL	16 x 125mm	1,000/Case
14-961-31	23mL	16 x 150mm	1,000/Case
14-961-32	28mL	18 x 150mm	500/Case
14-961-33	36mL	20 x 150mm	500/Case
14-961-34	55mL	25 x 150mm	500/Case

Fisherbrand™ Disposable Flint Glass Tubes with Plain End

Annealed to reduce breakage along stress points.

• Nonsterile

• Round bottom

• Smooth edges

Cat. No.	Capacity	Dia. x H	Quantity
14-958A	1mL	6 x 50mm	1,000/Case
14-958B	4mL	10 x 75mm	1,000/Case
14-958C	6mL	12 x 75mm	1,000/Case
14-958D	10mL	13 x 100mm	1,000/Case
14-958E	11mL	15 x 85mm	1,000/Case
14-958F	15mL	16 x 100mm	1,000/Case
14-958G	19mL	16 x 125mm	1,000/Case
14-958H	23mL	16 x 150mm	1,000/Case
14-958J	28mL	18 x 150mm	500/Case
14-958K	36mL	20 x 150mm	500/Case

Fisherbrand™ Disposable Heavy-Wall Borosilicate Glass Tubes

Chemically clean and packaged in lint-free trays.

- Nonsterile
- Round bottom
- Smooth edges

Cat. No.	Capacity	Dia. x H	Quantity
14-958-10A	4mL	10 x 75mm	1,000/Case
14-958-10B	6mL	12 x 75mm	1,000/Case
14-958-10C	10mL	13 x 100mm	1,000/Case

Fisherbrand™ Disposable Borosilicate Glass Tubes with Threaded End, No Caps

Round bottomed disposable glass tubes for tissue culture and general bacteriological use.

- With marking spot
- No caps
- Meet USP Type I, ASTM E 438 Type I, Class B requirements

Cat. No.	Capacity	Dia. x H	Thread Size	Quantity
14-959-35AA	12mL	16 x 100mm	15-415	1,000/Case
14-959-35A	16mL	16 x 125mm	15-415	1,000/Case
14-959-35B	20mL	16 x 150mm	15-415	1,000/Case
14-959-35C	8mL	13 x 100mm	13-415	1,000/Case
14-959-37A	25mL	20 x 125mm	18-415	500/Case
14-959-37C	36mL	20 x 150mm	18-415	500/Case

Fisherbrand™ Disposable Borosilicate Glass Tubes with Threaded End and Polypropylene Screw Caps

Ideal for tissue culture, bacteriology, clinical chemistry, blood typing, and crossmatching procedures.

- The stability and biological inertness of borosilicate glass in a disposable tube
- Natural unlined polypropylene screw caps

Cat. No.	Capacity	Dia. x H	Quantity
14-962-26D	8mL	13 x 100mm	1,000/Case
14-962-26F	12mL	16 x 100mm	1,000/Case
14-962-26G	16mL	16 x 125mm	1,000/Case
14-962-26H	20mL	16 x 150mm	1,000/Case
14-962-26K	25mL	20 x 125mm	500/Case
14-962-26M	30 mL	20 x 150mm	500/Case

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Fisherbrand™ Disposable Plain Borosilicate Glass Tubes with Threaded End, No Marking Spot, No Caps

Round bottomed disposable glass tubes for tissue culture and general bacteriological use.

- No marking spot

- No caps

- Meet USP Type I, ASTM E 438 Type I, Class B requirements

Cat. No.	Capacity	Dia. x H	Thread Size	Quantity
14-957-76A	8mL	13 x 100mm	13-415	1,000/Case
14-957-76C	23mL	16 x 150mm	15-415	1,000/Case
14-957-76E	30mL	20 x 150mm	18-415	500/Case

Fisherbrand™ Disposable Borosilicate Glass Tubes with Plain End and Color-Coded Label Area

Eliminate lost or peeling labels with these disposable, color-coded borosilicate glass tubes.

- Not affected by exposure to heat, steam, or water

- Fused and textured color patches accept ink or pencil

- Marking area is large enough for all necessary information

- Choice of five pastel colors

Cat. No.	Capacity	Dia. x H	Color	Quantity
14-957-20A	4mL	10 x 75mm	White	1,000/Case
14-957-20B	4mL	10 x 75mm	Yellow	1,000/Case
14-957-20C	4mL	10 x 75mm	Green	1,000/Case
14-957-20D	4mL	10 x 75mm	Orange	1,000/Case
14-957-20E	4mL	10 x 75mm	Blue	1,000/Case
14-957-22A	6mL	12 x 75mm	White	1,000/Case
14-957-22B	6mL	12 x 75mm	Yellow	1,000/Case
14-957-22C	6mL	12 x 75mm	Green	1,000/Case
14-957-22D	6mL	12 x 75mm	Orange	1,000/Case
14-957-22E	6mL	12 x 75mm	Blue	1,000/Case
14-957-24A	10mL	13 x 100mm	White	1,000/Case
14-957-24B	10mL	13 x 100mm	Yellow	1,000/Case
14-957-24C	10mL	13 x 100mm	Green	1,000/Case
14-957-24D	10mL	13 x 100mm	Orange	1,000/Case
14-957-24E	10mL	13 x 100mm	Blue	1,000/Case
14-957-26A	15mL	16 x 100mm	White	1,000/Case
14-957-26B	15mL	16 x 100mm	Yellow	1,000/Case
14-957--26C	15mL	16 x 100mm	Green	1,000/Case
14-957--26E	15mL	16 x 100mm	Blue	1,000/Case

Fisherbrand™ Disposable Flint Glass Tubes with Plain End and Color-Coded Label Area

Eliminate lost or peeling labels with these disposable, color-coded flint (soda lime) glass tubes.

• Not affected by exposure to heat, steam, or water

• Fused and textured color patches accept ink or pencil

• Marking area is large enough for all necessary information

• Choice of five pastel colors

Cat. No.	Capacity	Dia. x H	Color	Quantity
14-957-10A	4mL	10 x 75mm	White	1,000/Case
14-957-10B	4mL	10 x 75mm	Yellow	1,000/Case
14-957-10C	4mL	10 x 75mm	Green	1,000/Case
14-957-10D	4mL	10 x 75mm	Orange	1,000/Case
14-957-10E	4mL	10 x 75mm	Blue	1,000/Case
14-957-12A	6mL	12 x 75mm	White	1,000/Case
14-957-12B	6mL	12 x 75mm	Yellow	1,000/Case
14-957-12C	6mL	12 x 75mm	Green	1,000/Case
14-957-12D	6mL	12 x 75mm	Orange	1,000/Case
14-957-12E	6mL	12 x 75mm	Blue	1,000/Case
14-957-14A	10mL	13 x 100mm	White	1,000/Case
14-957-14B	10mL	13 x 100mm	Yellow	1,000/Case
14-957-14C	10mL	13 x 100mm	Green	1,000/Case
14-957-14D	10mL	13 x 100mm	Orange	1,000/Case
14-957-14E	10mL	13 x 100mm	Blue	1,000/Case
14-957-16A	15mL	16 x 100mm	White	1,000/Case
14-957-16B	15mL	16 x 100mm	Yellow	1,000/Case
14-957-16C	15mL	16 x 100mm	Green	1,000/Case
14-957-16D	15mL	16 x 100mm	Orange	1,000/Case
14-957-16E	15mL	16 x 100mm	Blue	1,000/Case
14-957-18A	19mL	16 x 125mm	White	1,000/Case
14-957-18D	19mL	16 x 125mm	Orange	1,000/Case
14-957-18E	19mL	16 x 125mm	Blue	1,000/Case

Fisherbrand™ Reusable Glass Rim Top Culture Tubes

Uniform wall thickness for maximum heat transfer and chemical resistance.

- Made from KG-33 borosilicate glass
- Durable, white ceramic enamel marking spot
- Top rim is fire-polished

Cat. No.	Capacity	Dia. x H	Quantity
FB7001275	6mL	12 x 75mm	720/Case
FB70013100	10mL	13 x 100mm	720/Case
FB70016125	20mL	16 x 125mm	720/Case
FB70016150	24mL	16 x 150mm	720/Case
FB70018150	28mL	18 x 150mm	576/Case

Fisherbrand™ Reusable Glass Tubes with Rubber-Lined Black Phenolic Screw Caps

Made from high-quality borosilicate glass with attached lined phenolic screw caps. Packaged in shrink-wrapped, lint-free trays.

- PF caps lined with white rubber

Cat. No.	Capacity	Dia. x H	Thread Size	Quantity
14-959-25A	8mL	13 x 100mm	13-415	1,000/Case
14-959-25B	12mL	16 x 100mm	15-415	1,000/Case
14-959-25C	16mL	16 x 125mm	15-415	1,000/Case
14-959-25D	20mL	16 x 150mm	15-415	1,000/Case
14-959-25E	25mL	20 x 125mm	18-415	1,000/Case
14-959-25F	30mL	20 x 150mm	18-415	500/Case
FB70125150	50mL	25 x 150mm	24-410	144/Case

Fisherbrand™ Screw Caps for Disposable Glass Tubes

Replacement closures for disposable glass tubes.

- Phenolic (PF) caps have rubber liners attached with cement
- Polypropylene caps are unlined
- Can be autoclaved

Cat. No.	Cap Material	Liner Material	Thread Size	Quantity
14-957-82A	Black Phenolic	Rubber	13-415	1,000/Case
14-957-82E	Black Phenolic	Rubber	18-415	1,000/Case
14-959-36A	Black Phenolic	Rubber	15-415	1,000/Case
14-959-36B	White Polypropylene	Unlined	15-415	1,000/Case

Fisherbrand™ Disposable Glass Wintrobe Tubes

For determining sedimentation rates and hematocrit values.

- White enamel markings for easy reading
- Precision-scaled from the interior base

Cat. No.	Dia. x H	Quantity
22-150-730	3 x 15mm	200/Pack

Fisherbrand™ Glass Hybridization Tubes with Polypropylene Closures

Fit most incubators and rotisseries that accept standard 35 or 70mm diameter tubes.

- Thick-walled borosilicate glass
- Include polypropylene caps
- O-ring available for 35mm tubes (sold separately, Cat. No. 13-247-RNG)

Cat. No.	Dia. x H	Quantity
13-247-100	45 x 100mm	2/Pack
13-247-150	45 x 150mm	2/Pack
13-247-300	45 x 300mm	2/Pack
13-247-70	70 x 300mm	Each

Fisherbrand™ Microhematocrit Capillary Tubes with Dispenser Cap

For microhematocrit determinations.

- Choose plain or heparinized tubes
- Dispenser cap
- 200 tubes/pack

Cat. No.	Color Code	Additive	Capacity	Quantity
22-362-566	Red	Heparin	70µL	1,000/Case
22-362-574	Blue	None (Plain)	70µL	1,000/Case

Fisherbrand™ Color-Coded Capillary Tubes

Low-taper, soft glass tubes for microhematocrit determinations.

- Seal ends by flame, sealing clay, or caps
- Packed in plastic vials with snap-lock caps
- 100 tubes/pack

Cat. No.	Color Code	Additive	Capacity	Quantity
22-260-943	Blue	None (Plain)	70µL	1,200/Case
22-260-950	Red	Ammonium Heparin	70µL	1,200/Case

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Vacuum Filters and Replacement Parts

Fisherbrand™ Glass Microanalysis Vacuum Filter Holders

Designed for use with Fisherbrand vacuum filters.

Cat. No.	Membrane Diameter	Includes	Quantity
09-753-102	47mm	• 1000mL Graduated Filter Funnel/Base • Clamp • Fritted Glass Support, ⊺ 40/35	Each
09-753-1A	47mm	• 300mL Graduated Filter Funnel/Base • Clamp • Fritted Glass Support • No. 8 Silicone Stopper	Each
09-753-1C	47mm	• 300mL Graduated Filter Funnel/Base • Clamp • 100 Mesh Steel Support • No. 8 Silicone Stopper	Each
09-753-1E	47mm	• 300mL Graduated Filter Funnel/Base • Clamp • 100 Mesh Steel Support/PTFE Gasket and Flange • No. 8 Silicone Stopper	Each
09-753-2	90mm	• 300mL Filtration Funnel/Base • Clamp • Fritted Glass Support • No. 8 Silicone Stopper	Each
09-753-A	25mm	• 100mL Filter Funnel/Base • Clamp • Fritted Glass Support • No. 5 Silicone Stopper	Each
09-753-C	25mm	• 13mL Microfunnel • 100mL Filter Funnel/Base, Clamp • Fritted Glass Support • No. 5 Silicone Stopper	Each
09-753-E	25mm	• 15mL Filter Funnel/Base • Clamp • Fritted Glass Support • No. 5 Silicone Stopper	Each
09-753-G	25mm	• 15mL Filter Funnel/Base • Clamp • Stainless-Steel Support/PTFE Gasket • No. 5 Silicone Stopper	Each

Fisherbrand™ Sterility Test Vacuum Filter Holder

For sterility testing of antibiotics and pharmaceuticals by bacteria-retentive filter method.

Cat. No.	Membrane Diameter	Includes	Quantity
09-753-1G	47mm	• Graduated Funnel (100 to 300mL) • Base with Integral Fritted Glass Support • PTFE Stopcock and Valve • Injector Needle • 13mm Holder • Silicone Cover • Silicone Tubing: 21 in. (53cm) • Clamp • No. 8 Stopper	Each

Fisherbrand™ Anodized Aluminum Clamps for Vacuum Filter Holders

Sturdy anodized aluminum clamps for Fisherbrand vacuum filter holders.

Cat. No.	Membrane Diameter	For use with Cat. No.	Quantity
09-753-31A	47mm	09-753-1A, 09-753-1C, 09-753-1E, 09-753-1G	Each
09-753-31B	90mm	09-753-2	Each
09-753-4	13mm, 25mm	09-753A, 09-753C, 09-753E, 09-753G	Each

Fisherbrand™ Replacement Borosilicate Glass Bases and Frit Supports

Borosilicate glass replacement bases and supports for Fisherbrand vacuum filter holders.

Cat. No.	Description	I.D.	Quantity
09-753-103	Support Base	47mm	Each
09-753-14	Frit Support	25mm	Each
09-753-17	Filter Base	25mm	Each
09-753-27A	Sintered Support Base	47mm	Each
09-753-27B	Sintered Support Base	90mm	Each
09-753-28A	Base for Stainless-Steel Screen	47mm	Each
09-753-28C	Base for Cat. No. 09-753-1E	47mm	Each

Fisherbrand™ Replacement Borosilicate Glass Funnels

Borosilicate glass replacement funnels for Fisherbrand vacuum filter holders.

Cat. No.	Capacity	I.D.	For use with Cat. No.	Quantity
09-753-13	15mL	25mm	09-753E, 09-753G	Each
09-753-19	150mL	25mm	09-753E, 09-753G	Each
09-753-20	300mL	25mm	09-753E, 09-753G	Each
09-753-26A	300mL	47mm	09-753-1A, 09-753-1C	Each
09-753-26B	1000mL	90mm	09-753-2	Each
09-753-26C	300mL (PTFE-Coated)	47mm	09-753-1E	Each

Fisherbrand™ Borosilicate Glass Replacement Filtration Flasks

Borosilicate glass replacement filtration flasks for Fisherbrand vacuum filter holders.

Cat. No.	Capacity	Standard Taper	Quantity
09-753-100	125mL	5	Each
09-753-104	1000mL	40/35	Each

Fisherbrand™ Replacement PTFE Gaskets and Flanges

Replacement PTFE gaskets and flanges for Fisherbrand vacuum filter holders.

Cat. No.	Diameter	For use with Cat. No.	Quantity
09-753-18	25mm	09-753G	25/Case
09-753-30A	47mm	09-753-1J, 09-753-1C	25/Case
09-753-30B	FLANGE PTFE 47MM	—	—

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Fisherbrand™ Silicone Replacement Stoppers

Durable silicone replacement stoppers for Fisherbrand vacuum filter holders.

Cat. No.	Description	Quantity	Quantity
09-753-6	One-Holed	5	Each
09-753-32A	One-Holed	8	Each
09-753-9	One-Holed (Adapts to Manifold)	8	Each

Fisherbrand™ Stainless Steel Replacement Support Screens

Replacement stainless steel filter support screens for Fisherbrand vacuum filter holders.

Cat. No.	Diameter	Quantity
09-753-15	25mm	Each
09-753-29A	47mm	Each

Vials and Closures

Fisherbrand™ Economical Glass EPA Vials

EPA vials for water sampling.

- Include white polypropylene open-top closures with 0.125 in. TFE/silicone septa
- Meet EPA 40CFR136, 40CFR141 requirements

Cat. No.	Capacity	Color	Quantity
03-340-119	40mL	Clear	72/Case
03-340-120	40mL	Amber	72/Case
03-340-121	20mL	Clear	72/Case
03-340-122	20mL	Amber	72/Case

Fisherbrand™ EnviroWare™ Assembled Borosilicate Glass EPA Vials

EPA Vials for collecting and storing water samples.

- Type I, Class A, or amber 203 borosilicate glass

- White open-top polypropylene closures with 0.005 in. PTFE/0.120 in. silicone rubber septa

- Replacement caps available (Closure GPI thread: 24-400)

Cat. No.	Capacity	Color	Closures	Septa	Quantity
03-339-14A	40mL	Clear	White PP Screw Caps	TFE/Silicone/Rubber	72/Pack
03-339-14C	20mL	Clear	White PP Screw Caps	TFE/Silicone/Rubber	72/Pack
03-339-14E	20mL	Amber	White PP Screw Caps	TFE/Silicone/Rubber	72/Pack
03-340-7L	—	—	Replacement White PP Screw Caps	TFE/Silicone/Rubber	144/Case

Fisherbrand™ Class A Clear Glass Threaded Vials, with Black Phenolic Screw Caps

General-purpose glass vials with attached caps.

- Borosilicate glass has low alkali content and is free of calcium, magnesium, and zinc

- Black phenolic (PF) screw caps with rubber liners

- Meet USP Type I, ASTM E438, Type I requirements

Cat. No.	Capacity	Dia. x H	Thread Size	Quantity
03-339-25A	1.5mL (0.5 dr.)	12 x 35mm	8-425	144/Pack
03-339-25B	3.7mL (1 dr.)	15 x 45mm	13-425	144/Pack
03-339-25C	8mL (2 dr.)	17 x 60mm	15-425	144/Pack
03-339-25D	12mL (3 dr.)	19 x 65mm	15-425	144/Pack
03-339-25E	16mL (4 dr.)	21 x 70mm	18-400	144/Pack
03-339-25F	24mL (6 dr.)	23 x 85mm	20-400	144/Pack

Fisherbrand™ Class A Clear Glass Threaded Vials, with Attached PE Poly-Seal™ Cone-Lined Black Phenolic Caps

General-purpose short, low-profile glass vials for greater stability and compound storage.

- Type I, Class A borosilicate glass

- Black phenolic (PF) caps with LDPE Poly-Seal cone liners

- Packaged in partitioned trays

Cat. No.	Capacity	Dia. x H	Quantity
14-955-334	4mL	15 x 45mm	144/Case
14-955-326	8mL	17 x 60mm	144/Case
14-955-310	12mL	19 x 65mm	144/Case
14-955-311	16mL	21 x 70mm	144/Case
14-955-313	25mL	28 x 57mm	72/Case
14-955-312	24mL	23 x 85mm	144/Case
14-955-314	25mL	28 x 70mm	72/Case
14-955-315	30mL	25 x 95mm	144/Case

Fisherbrand™ Class A Clear Glass Threaded Vials, with Attached Black Phenolic Caps with PTFE-Faced White Rubber Liners

General-purpose sample vials made from Type 1 Class A clear borosilicate glass.

- With attached black phenolic (PF) caps with PTFE-faced white rubber liners

- Supplied in partitioned trays

Cat. No.	Capacity	Dia. x H	Thread Size	Quantity
14-955-316	2mL (0.5 dr.)	12 x 35mm	8-425	288/Pack
14-955-323	2mL (0.5 dr.)	15 x 28mm	13-425	200/Case
14-955-324	4mL (1 dr.)	17 x 38mm	15-425	200/Case
14-955-327	4mL (1 dr.)	15 x 45mm	13-425	144/Case
14-955-325	6 mL (1.62 dr.)	19 x 40mm	15-425	200/Pack
14-955-328	8mL (2.16 dr.)	17 x 60mm	15-425	144/Case
14-955-329	12mL (3.2 dr.)	19 x 65mm	15-425	144/Case
14-955-317	16mL (4.3 dr.)	21 x 70mm	18-400	144/Case
14-955-330	20mL (5.4 dr.)	28 x 60mm	24-400	72/Case
14-955-318	24mL (6.5 dr.)	23 x 85mm	20-400	144/Case
14-955-319	25mL (6.5 dr.)	28 x 70mm	24-400	72/Case
14-955-320	30mL (8 dr.)	25 x 95mm	22-400	144/Case

Fisherbrand™ Class B Amber Glass Threaded Vials, with Rubber-Lined Black Phenolic Caps

General-purpose sample vials made from Type 1 Class B amber borosilicate glass.

• For light-sensitive materials

• With attached black phenolic (PF) caps with white rubber liners

• Supplied in partitioned trays

Cat. No.	Capacity	Dia. x H	Thread Size	Quantity
03-339-23A	1.8mL (0.5 dr.)	12 x 35mm	8-425	144/Pack
03-339-23B	3.7mL (1 dr.)	15 x 45mm	13-425	144/Pack
03-339-23C	7.4mL (2.16 dr.)	17 x 60mm	15-425	144/Pack
03-339-23D	16mL (4.3 dr.)	21 x 70mm	18-400	144/Pack
03-339-23E	30mL (8 dr.)	25 x 95mm	22-400	144/Pack

Fisherbrand™ Class B Amber Glass Threaded with Attached PTFE-Faced Rubber-Lined Black Phenolic Caps

General-purpose Class B clear glass vials with separately packaged phenolic caps.

• Borosilicate glass helps avoid pH changes

Cat. No.	Capacity	Dia. x H	Thread Size	Quantity
14-955-321	2mL (0.5 dr.)	12 x 35mm	8-425	288/Case
14-955-331	4mL (1 dr.)	15 x 45mm	13-425	144/Case
14-955-332	8mL (2.16 dr.)	17 x 60mm	15-425	144/Case
14-955-333	20mL (5.4dr.)	28 x 57mm	24-400	72/Case
14-955-322	40mL (10.8 dr.)	28 x 95mm	24-400	72/Case

Fisherbrand™ Class B Clear Glass Threaded Vials, with Rubber-Lined Black Phenolic Caps

General-purpose Class B clear glass vials with separately packaged black phenolic screw caps with white rubber liners.

• Borosilicate glass helps avoid pH changes

Cat. No.	Capacity	Dia. x H	Thread Size	Quantity
03-339-22A	1.8mL (0.5 dr.)	12 x 35mm	8-425	144/Pack
03-339-22B	3.7mL (1 dr.)	15 x 45mm	13-425	144/Pack
03-339-22C	5.5mL (1.5 dr.)	16 x 50mm	13-425	144/Pack
03-339-22D	7.4mL (2 dr.)	17 x 60mm	15-425	144/Pack
03-339-22E	12mL (3 dr.)	19 x 65mm	15-425	144/Pack
03-339-22F	16mL (4 dr.)	21 x 70mm	18-400	144/Pack
03-339-22J	16mL (4 dr.)	25 x 57mm	24-400	144/Pack
03-339-22G	22.2mL (6 dr.)	23 x 85mm	20-400	144/Pack
03-339-22K	24mL (6 dr.)	27 x 70mm	24-400	144/Pack
03-339-22H	25mL (8 dr.)	25 x 95mm	22-400	144/Pack
03-339-22M	35.1mL (9.5 dr.)	27 x 95mm	24-400	144/Pack
03-339-22N	41mL (11 dr.)	28 x 108mm	24-400	144/Pack

Fisherbrand™ Class B Clear Glass Threaded Vials with Attached Pulp/Polyvinyl-Lined Black Phenolic Caps

General-purpose sample vials made from Type 1 Class B clear borosilicate glass.

• Supplied in partitioned trays

Cat. No.	Capacity	Dia. x H	Thread Size	Quantity
03-338-AA	1.8mL (0.5 dr.)	12 x 35mm	8-425	144/Pack
03-338-A	3.7mL (1 dr.)	15 x 45mm	13-425	144/Pack
03-338-B	5.5mL (1.5 dr.)	16 x 50mm	13-425	144/Pack
03-338-C	7.4mL (2 dr.)	17 x 60mm	15-425	144/Pack
03-338-D	11.1mL (3 dr.)	19 x 65mm	15-425	144/Pack
03-338-E	14.8mL (4 dr.)	28 x 57mm	24-400	72/Pack
03-338-F	14.8mL (4 dr.)	21 x 70mm	18-400	144/Pack
03-338-G	22.2mL (6 dr.)	28 x 70mm	24-400	72/Pack
03-338-H	22.2mL (6 dr.)	23 x 85mm	20-400	144/Pack
03-338-J	29.6mL (8 dr.)	25 x 95mm	22-400	72/Pack
03-338-K	35.1mL (9.5 dr.)	28 x 95mm	24-400	72/Pack
03-338-L	40.7mL (11 dr.)	28 x 108mm	24-400	72/Pack

Fisherbrand™ Class B Clear Glass Threaded Vials, with Pulp/Polyvinyl-Lined Black Phenolic Caps (Caps Packaged Separately)

General-purpose sample vials made from Type 1 Class B clear borosilicate glass.

• Meet USP Type I, ASTM E438 requirements

Cat. No.	Capacity	Dia. x H	Thread Size	Quantity
03-339-21A	2mL (0.5 dr.)	12 x 35mm	8-425	144/Pack
03-339-21B	4mL (1 dr.)	15 x 45mm	13-425	144/Pack
03-339-21C	5.5mL (1.5 dr.)	16 x 50mm	13-425	144/Pack
03-339-21D	8mL (2 dr.)	17 x 60mm	15-425	144/Pack
03-339-21E	12mL (3 dr.)	19 x 65mm	15-425	144/Pack
03-339-21F	16mL (4 dr.)	21 x 70mm	18-400	144/Pack
03-339-21J	16mL (4 dr.)	28 x 57mm	24-400	144/Pack
03-339-21G	24mL (6 dr.)	23 x 85mm	20-400	144/Pack
03-339-21K	24mL (6 dr.)	27 x 70mm	24-400	144/Pack
03-339-21H	30mL (8 dr.)	25 x 95mm	22-400	144/Pack
03-339-21M	35.1mL (9.5 dr.)	27 x 95mm	24-400	144/Pack
03-339-21N	41mL (11 dr.)	27 x 108mm	24-400	144/Pack

Fisherbrand™ Borosilicate Glass Scintillation Vials, White PE Caps with Cork-Backed Foil Liners

These smaller capacity glass scintillation vials reduce costs for solvent and waste disposal.

• Volume: 7mL

• White plastic screw cap with cork-backed metal foil liners (packaged separately)

• Shrink-wrapped in 5 x 200 vials/case; caps in 5 x 200 caps/polybag

Cat. No.	Capacity	Dia. x H	Thread Size	Quantity
03-337-26	7mL	17 x 55mm	15-425	1,000/Case

Fisherbrand™ 20mL Borosilicate Glass Scintillation Vials with Caps

Made from potassium-free borosilicate glass for low activity counts and excellent light transmission.

- Fit all common counters; diameter: 28 x 61mm

- Vials with attached caps are shrink-wrapped in 5 x 100 vials/case

- Vials with separate caps are shrink-wrapped in 5 x 100 vials/case; caps in 5 x 100 caps/polybag

Cat. No.	Thread Size	Cap Material	Cap Liner	Cap Style	Quantity
03-337-5	22-400	White Urea	Cork-Backed Foil	Attached	500/Case
03-337-7	22-400	White Urea	Plastic	Packaged Separately	500/Case
03-340-4E	22-400	White Urea	Cork-Backed Foil	Packaged Separately	500/Case
03-337-14	22-400	Polyethylene	Unlined	Attached	500/Case
03-337-15	22-400	Polypropylene	Pulp-Backed Foil	Attached	500/Case
03-337-4	22-400	Polypropylene	Pulp-Backed Foil	Packaged Separately	500/Case

Fisherbrand™ Borosilicate Glass Shell Vials with TITESEAL™ Plug Closures

Straight-sided, plain-topped clear glass shell vials are ideal for dry contents.

- Made from 51 expansion borosilicate glass

- Include TITESEAL™ open-bottom plug style plastic closures (packaged separately)

- Meet USP Type I and ASTM E438, Type I, Class B requirements

Cat. No.	Capacity	Dia. x H	Quantity
03-339-26A	1.8mL (0.5 dr.)	12 x 35mm	144/Pack
03-339-26B	3.7mL (1 dr.)	15 x 45mm	144/Pack
03-339-26C	7.4mL (2 dr.)	19 x 51mm	144/Pack
03-339-26D	11.1mL (3 dr.)	19 x 65mm	144/Pack
03-339-26F	25.8mL (7 dr.)	29 x 65mm	144/Pack
03-339-26G	36.9mL (10 dr.)	29 x 80mm	144/Pack
03-339-26H	44.3mL (12 dr.)	29 x 94mm	144/Pack

Fisherbrand™ Borosilicate Short Style Glass Shell Vials without Closures

Short, straight-sided, plain-topped clear glass shell vials are ideal for dry contents.

• Made from 51 expansion borosilicate glass

• No closures

• Meet USP Type I and ASTM E438, Type I, Class B requirements

Cat. No.	Capacity	Dia. x H	Quantity
03-339-30A	1mL (0.25 dr.)	9 x 30mm	144/Pack
03-339-30B	2mL (0.5 dr.)	12 x 35mm	144/Pack
03-339-30C	4mL (1 dr.)	15 x 45mm	144/Pack
03-339-30E	8mL (2 dr.)	17 x 60mm	144/Pack
03-339-30F	11mL (3 dr.)	19 x 65mm	144/Pack
03-339-30G	16mL (4 dr.)	21 x 70mm	144/Pack
03-339-30H	24mL (6 dr.)	23 x 85mm	144/Pack
03-339-30J	30mL (8 dr.)	25 x 95mm	144/Pack

Fisherbrand™ Glass Tooled-Neck Vials with Polyethylene Closures

General-purpose glass vials with plug-style PE closures (packaged separately).

• Type 1, N-51A borosilicate glass

• Tooled necks for accurate closure fit

• Closed-bottom, two-piece PE closures (packaged separately)

| Cat. No.	Capacity	Dia. x H	Quantity
03-339-27A	3.7mL (1 dr.)	15 x 45mm	144/Pack
03-339-27B	7.4mL (2 dr.)	19 x 48mm	144/Pack
03-339-27C	11.1mL (3 dr.)	21 x 50mm	144/Pack
03-339-27D	14.8mL (4 dr.)	25 x 52mm	144/Pack
03-339-27E	18.5mL (5 dr.)	27 x 55mm	144/Pack
03-339-27F	25.9mL (7 dr.)	29 x 65mm	144/Pack

Miscellaneous Labware

Fisherbrand™ Soft Glass Stirring Rods

Available in different lengths; with rounded and fire-polished ends.

Cat. No.	Length	Diameter	Quantity
11-380A	127mm (5 in.)	3.17mm (0.12 in.)	72/Pack
11-380B	152.4mm (6 in.)	5mm (0.19 in.)	72/Pack
11-380C	203.2mm (8 in.)	4.5mm (0.18 in.)	72/Pack
11-380D	254mm (10 in.)	6.3mm (0.25 in.)	72/Pack
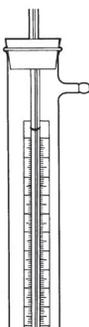
Fisherbrand™ Surface Tension Apparatus

Measures surface tension from the height of liquid in a capillary tube.

- Outer tube accommodates rubber tubing
- Cork holds capillary tube inside outer tube
- Graduated 250mm borosilicate glass capillary tube
- Engraved graduations from 0 to 10cm (1mm divisions)

Cat. No.	Description	Quantity
14-818	Surface Tension Apparatus	Each
14-818A	Replacement Capillary Tubes for Surface Tension Apparatus	Each

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Hotplates, Magnetic Stirrers and Stirring Hotplates

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Find the right stirrer for your application needs

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The Fisherbrand™ Isotemp™ and Isotemp Advanced Series deliver results with an extensive selection of hotplates, stirrers, and stirring hotplates. An impressive combination of reliable performance, advanced safety, and operational simplicity makes it easy to find the perfect instrument for your laboratory requirements. With multiple options at various price points you are sure to find the right solution for your lab.

Isotemp stirring hotplate	Isotemp Advanced stirring hotplate	Isotemp RT Advanced hotplate stirrer

Exceptional performance
• Precise control for accuracy and reproducible results

Intelligent technology
• PT100 and PT1000 temperature probes provide accurate temperature control

Dependable safety
• HOT TOP warning system ensures workplace safety

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Fisherbrand Isotemp series

Isotemp stirrers, hotplates and stirring hotplates are designed to provide precise stirring control, exceptional safety and temperature performance for your routine protocols.

Available in three sizes, providing flexibility from microscale chemistries to production operations.

Advanced technology

- Slow-speed stirring, consistent speed control, and strong magnetic coupling

- Temperature adjustable in 1 degree increments

- HOT TOP warning system designed to protect from accidental burns with prominent display when heating surface is above 50°C (122°F)

- Automatic over-temperature protection

Flexible, robust design

- Top plate choices in ceramic or aluminum

- Raised display design protects electronics from spills

- Optional temperature probe and splash guard protection shield

- Variable sizes for different sample volumes

- Stir bar is included with stirrer and stirring hotplate models

Heating surface: 4.25" x 4.25" (10.8 x 10.8 cm)
Overall dimensions: 5" W x 10" D x 3.6" H (12.7 x 25.4 x 9.1 cm)

	Cat. No.	Description	Surface Type	Volts/Hz	Stir Range (RPM)	Stirring Capacity	Max. Surface Temp. °C	Plug Config.
4" x 4"	HP88854200	Hotplate	Ceramic	100-120V 50/60Hz	N/A	N/A	540	
	HP88854205	Hotplate	Ceramic	230V 50/60Hz (EU Plug)	N/A	N/A	540	
	HP88854206	Hotplate	Ceramic	230V 50/60Hz (UK/AUS/ CN Plug)	N/A	N/A	540	
	S88854200	Stirrer	Ceramic	100-120V 50/60Hz	50-1500	1L (water)	N/A	
	S88854205	Stirrer	Ceramic	230V 50/60Hz (EU Plug)	50-1500	1L (water)	N/A	
	S88854206	Stirrer	Ceramic	230V 50/60Hz (UK/AUS/ CN Plug)	50-1500	1L (water)	N/A	
	SP88854200	Hotplate stirrer	Ceramic	100-120V 50/60Hz	50-1500	1L (water)	540	
	SP88854205	Hotplate stirrer	Ceramic	230V 50/60Hz (EU Plug)	50-1500	1L (water)	540	
	SP88854206	Hotplate stirrer	Ceramic	230V 50/60Hz (UK/AUS/ CN Plug)	50-1500	1L (water)	540	

Note: 4"x 4" Hotplate Stirrer has digital temperature and analog stirring control.

Heating surface: 7.25" x 7.25" (18.4 x 18.4 cm)
Overall dimensions: 8.2" W x 13" D x 3.8" H (20.8 x 33 x 9.7 cm)

	Cat. No.	Description	Surface Type	Volts/Hz	Stir Range (RPM)	Stirring Capacity	Max. Surface Temp. °C	Plug Config.
7" x 7"	HP88857200	Hotplate	Ceramic	100-120V 50/60Hz	N/A	N/A	540	
	HP88857205	Hotplate	Ceramic	230V 50/60Hz (EU Plug)	N/A	N/A	540	
	HP88857206	Hotplate	Ceramic	230V 50/60Hz (UK/AUS/CN Plug)	N/A	N/A	540	
	S88857200	Stirrer	Ceramic	100-120V 50/60Hz	50-1500	4L (water)	N/A	
	S88857205	Stirrer	Ceramic	230V 50/60Hz (EU Plug)	50-1500	4L (water)	N/A	
	S88857206	Stirrer	Ceramic	230V 50/60Hz (UK/AUS/CN Plug)	50-1500	4L (water)	N/A	
	SP88857200	Hotplate stirrer	Ceramic	100-120V 50/60Hz	50-1500	4L (water)	540	
	SP88857205	Hotplate stirrer	Ceramic	230V 50/60Hz (EU Plug)	50-1500	4L (water)	540	
	SP88857206	Hotplate stirrer	Ceramic	230V 50/60Hz (UK/AUS/CN Plug)	50-1500	4L (water)	540	
	HP88857204	Hotplate	Aluminum	100-120V 50/60Hz	N/A	N/A	300	
	HP88857208	Hotplate	Aluminum	230V 50/60Hz (EU Plug)	N/A	N/A	300	
	HP88857209	Hotplate	Aluminum	230V 50/60Hz (UK/AUS/CN Plug)	N/A	N/A	300	
	S88857204	Stirrer	Aluminum	100-120V 50/60Hz	50-1500	4L (water)	N/A	
	S88857208	Stirrer	Aluminum	230V 50/60Hz (EU Plug)	50-1500	4L (water)	N/A	
	S88857209	Stirrer	Aluminum	230V 50/60Hz (UK/AUS/CN Plug)	50-1500	4L (water)	N/A	
	SP88857204	Hotplate stirrer	Aluminum	100-120V 50/60Hz	50-1500	4L (water)	300	
	SP88857208	Hotplate stirrer	Aluminum	230V 50/60Hz (EU Plug)	50-1500	4L (water)	300	
	SP88857209	Hotplate stirrer	Aluminum	230V 50/60Hz (UK/AUS/CN Plug)	50-1500	4L (water)	300	

Heating surface: 10.25" x 10.25" (26.0 x 26.0 cm)
Overall dimensions: 11.3" W x 16.2" D x 4" H (28.7 x 41.1 x 10.2 cm)

	Cat. No.	Description	Surface Type	Volts/Hz	Stir Range (RPM)	Stirring Capacity	Max. Surface Temp. °C	Plug Config.
10" x 10"	HP88850200	Hotplate	Ceramic	100-120V 50/60Hz	N/A	N/A	400	
	HP88850205	Hotplate	Ceramic	230V 50/60Hz (EU Plug)	N/A	N/A	400	
	HP88850206	Hotplate	Ceramic	230V 50/60Hz (UK/AUS/CN Plug)	N/A	N/A	400	
	S88850200	Stirrer	Ceramic	100-120V 50/60Hz	50-1500	6L (water)	N/A	
	S88850205	Stirrer	Ceramic	230V 50/60Hz (EU Plug)	50-1500	6L (water)	N/A	
	S88850206	Stirrer	Ceramic	230V 50/60Hz (UK/AUS/CN Plug)	50-1500	6L (water)	N/A	
	SP88850200	Hotplate stirrer	Ceramic	100-120V 50/60Hz	50-1500	6L (water)	400	
	SP88850205	Hotplate stirrer	Ceramic	230V 50/60Hz (EU Plug)	50-1500	6L (water)	400	
	SP88850206	Hotplate stirrer	Ceramic	230V 50/60Hz (UK/AUS/CN Plug)	50-1500	6L (water)	400	

Warranty: Three years, Certifications: cCSAus (100-120V models), CE (230V models) RoHS compliant

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Fisherbrand Isotemp Advanced series

The Isotemp Advanced series stirrers, hotplates and stirring hotplates are designed to provide reliable performance, dependable safety and precise control. Available with optimized controls and settings for applications that demand advanced precision.

Intuitive design
- Top plate choices in ceramic or aluminum

- Raised display design protects electronics from spills

- Ability to save temperature settings

- Stainless steel PT100 temperature probe, supporting rod and clamp

kit included with both hotplate and stirring hotplate models

- Stir bar included with stirrer and stirring hotplate models

- Optional PT1000 temperature probe and splash guard protection shield

Advanced technology
- StirTrac features innovative engineering for slow-speed stirring, consistent speed control, and stronger magnetic coupling

- HOT TOP warning system designed to protect from accidental burns with prominent display when heating surface is above 50°C (122°F)

- Temperature adjustable in 1°C increments except when using temperature probe then ability to control in 0.1 degree increments below 100°C

Heating Surface: 7.25" x 7.25" (18.4 x 18.4 cm)
Overall Dimensions: 8.2" W x 13" D x 3.8" H (20.8 X 33 X 9.7 cm)

	Cat. No.	Description	Surface Type	Volts/Hz	Stir Range (RPM)	Stirring Capacity	Max. Surface Temp. °C	Plug Config.
7" x 7"	HP88857290	Hotplate	Ceramic	100-120V 50/60Hz	N/A	N/A	450	
	HP88857295	Hotplate	Ceramic	230V 50/60Hz (EU Plug)	N/A	N/A	450	
	HP88857296	Hotplate	Ceramic	230V 50/60Hz (UK/AUS/CN Plug)	N/A	N/A	450	
	S88857290	Stirrer	Ceramic	100-120V 50/60Hz	50-1500	4L (water)	N/A	
	S88857295	Stirrer	Ceramic	230V 50/60Hz (EU Plug)	50-1500	4L (water)	N/A	
	S88857296	Stirrer	Ceramic	230V 50/60Hz (UK/AUS/CN Plug)	50-1500	4L (water)	N/A	
	SP88857290	Hotplate stirrer	Ceramic	100-120V 50/60Hz	50-1500	4L (water)	450	
	SP88857295	Hotplate stirrer	Ceramic	230V 50/60Hz (EU Plug)	50-1500	4L (water)	450	
	SP88857296	Hotplate stirrer	Ceramic	230V 50/60Hz (UK/AUS/CN Plug)	50-1500	4L (water)	450	
	HP88857294	Hotplate	Aluminum	100-120V 50/60Hz	N/A	N/A	300	
	SP88857294	Hotplate stirrer	Aluminum	100-120V 50/60Hz	50-1500	4L (water)	300	

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Accessories for Fisherbrand Isotemp and Isotemp Advanced series

Cat. No.	Description
CIC0001462	Splash guard protection shield for all Isotemp 4 x 4 stirrers, hotplates and hotplate stirrers
CIC0001463	Splash guard protection shield for all Isotemp 7 x 7 stirrers, hotplates and hotplate stirrers
CIC0001464	Splash guard protection shield for all Isotemp 10 x 10 stirrers, hotplates and hotplate stirrers
CIC0001465	PT100 temperature probe, 0-400°C, Stainless steel for Isotemp (±1.8°C @ 70°C) and Isotemp Advanced (±1.2°C @ 70°C) hotplates and hotplate stirrers
CIC0001466	PT1000 temperature probe, 0-400°C, Stainless steel, for Isotemp (±1.0°C @ 70°C) and Isotemp Advanced (±0.5°C @ 70°C) hotplates and hotplate stirrers
CIC0001467	Hastelloy PT1000 temperature probe, 0-400°C, for all Isotemp hotplates and hotplate stirrers, Hastelloy is chemical and corrosion resistant
CIC0001832	Support rod to be used together with clamps and clamp holder to hold apparatus suitable for all Isotemp hotplates, stirrers and stirring hotplates listed on page 3-5
CIC0001833	Clamp and clamp holder to attach to supporting rod, suitable for all Isotemp hotplates, stirrers and stirring hotplates listed on page 3-5

*When the probe is connected, the adjustable temperature range is 30-250°C.

Flexible features. Maximum benefits.

With a wide variety of features and options, the Isotemp Series, Isotemp Advanced Series, and Isotemp RT series of hotplates, stirrers, and stirring hotplates support all your applications – from basic stirring needs to the most precise high-temperature heating and control. Improve your process. Customize your workflow.

(L-R) Isotemp, Isotemp Advanced, Isotemp RT Advanced series

	Isotemp Series	Isotemp Advanced Series	Isotemp RT Advanced Series	Benefit
Safety				
Raised display	•	•	•	Guides any spilled liquids away from electronics and controller
HOT TOP warning indicator	•	•	•	Visual warning system designed to help prevent burns even when unit is turned off but still plugged in
Timer		•	•	Allows for untended operation
Over-temperature protection	•	• (User-Adjustable)	•	Prevents overheating, short circuiting and internal damage in case of overflow protecting samples
Optional splash guard	•	•	•	Shield provides a protective barrier to guard vessels
Keypad lock			•	Security
Removable power cord	•	•	•	Convenience
Control				
Digital RPM display	•	•	•	For more accurate stirring
Digital temperature display	•	•	•	For more accurate heating
Digital temperature display with 0.1 °C resolution	•	•	•	More precise temperature control
Heating rate adjustable			•	Ideal when faster or slower heat up times are desired
View current and set temperature simultaneously		•	•	Ease of use
User configurable temperature limit setting		•	•	For added sample protection
Microprocessor control	•	•	•	For improved efficiency
Temperature calibration		•	•	To offset/calibrate the temperature based on the application needs
Performance				
Temperature probe	Optional	Included	Included	Accurate sample temperature readout and control
Slow speed stirring capability (RPM)	50	50	30	For precise stirring applications
Large capacity stirring capability (Liter)	10	10	20	For larger sample volumes
Will maintain stir speed if viscosity changes	•	•	•	For applications where samples will change viscosity
Flexibility				
Range of sizes (inches)	4x4, 7x7, 10x10	7x7	5.5 (140mm)	Meets a wide range of sample size requirements
Top material options	Ceramic or Aluminum	Ceramic or Aluminum	Ceramic coated aluminum	Ceramic is resistant to chemicals and can handle higher temperatures, aluminum provides temperature uniformity across the entire top plate
Optional rods and clamps	•	•	•	To hold apparatus

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Fisherbrand RT basic series magnetic stirrers

Experience the reliability of our plug-and-play stirrers, ideal for routine stirring applications.

Features

- Strong magnetic coupling to ensure consistent stirring during experimental procedures

- Three size options: 120mm, 170mm, 220mm

- Low profile lightweight design with small footprint

- Speed Control: 150 to 2500rpm

- Two non-slip silicone plate covers included with all units (1 black, 1 white)

	11-676-263	11-676-264	11-676-265	11-676-266	11-676-267	11-676-268
Plug Configuration						
Mechanism	Brushless DC motor		Brushless DC motor		Brushless DC motor	
Stirring Capacity (H20)	2L		4L		5L	
Speed Range	150 to 2500rpm		150 to 2500rpm		150 to 2500rpm	
Maximum Load (vessel)	15kg / 33.07lbs		20kg / 44.09lbs		25kg / 55.12lbs	
Body Material	Polypropylene		Polypropylene		Polypropylene	
Top Plate Dimensions	120mm / 4.72in diameter		170mm / 6.69in diameter		220mm / 8.66in diameter	
Overall Dimensions (WxDxH)	130 x 130 x 65mm 5.12 x 5.12 x 2.56in		185 x 185 x 65mm 7.28 x 7.28 x 2.56in		230 x 230 x 65mm 9.06 x 9.06 x 2.56in	
Power Consumption	5W		6W		6W	
Power	100 – 240V, 50/60Hz		100 – 240V, 50/60Hz		100 – 240V, 50/60Hz	
Certifications	CE		CE		CE	
Warranty	2 Years		2 Years		2 Years	

Accessories for RT Basic Series Magnetic Stirrers	Catalog No.
Non-slip silicone plate cover for items 11-676-263 and 11-676-264 (White color, Silicone Ø120cm)	11-676-272
Non-slip silicone plate cover for items 11-676-265 and 11-676-266 (White color, Silicone Ø170cm)	11-676-273
Non-slip silicone plate cover for items 11-676-267 and 11-676-268 (White color, Silicone Ø220cm)	11-676-274

Non-slip Silicone plate covers

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Fisherbrand Isotemp RT digital hotplate

Increase your confidence in safety and accuracy with our low-profile digital display hotplate. Equipped with hot top warning and built-in temperature shut-off to provide accurate heating of samples and safety to the laboratory.

Features

- Precise digital control with 0.1°C

- Automatic over-temperature safety shut off at 450°C

- Hot top warning indicator

- Microprocessor PID temperature control

- Non-slip heating bath (optional)

- Transparent safety shield (optional)

- Two threaded holes for Support Rods

- Keypad lock

- Heating rate can be set from 0 to 100% at 1% interval

- View current and set temperature simultaneously

- Timer can be set to start immediately, count down or start when top plate reaches desired set point

- Aluminum top provides excellent temperature uniformity while the thin ceramic coating provides excellent corrosion resistance and a white surface for optimal sample viewing

	11-676-258	11-676-257
Plug Configuration		
Temperature Range	Max 350°C /662°F	
Heating Control	Feedback Control with PID	
Display	LED digital (0.1°C resolution)	
Maximum Load (vessel)	25kg / 55.1lbs	
Body Material	Cast aluminum	
Top Plate Dimensions	140 mm / 5.5in diameter	
Top Plate Material	Ceramic coated aluminum	
Overall Dimensions (WxDxH)	161 x 290 x 100mm 6.34 x 11.42 x 3.94in	
Heating Power	600W	
Power	120V, 60Hz	230V, 50/60Hz
Certifications	CE, cCSAus	
Warranty	2 Years	

Accessories for Isotemp RT Hotplate	Catalog No.
Heating Bath	11-676-269
Transparent Shield (PC)	11-676-270
Support Rod (Ø12mm, 400mm, M10)	11-676-271

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Fisherbrand Isotemp RT basic hotplate stirrer

Features

- Automatic over-temperature safety shut off at 450°C

- Hot top warning indicator

- Max temperature of 350°C

- Non-slip heating bath (optional)

- Transparent safety shield (optional)

- Supporting rod (optional)

- Two threaded holes for Support Rods

- Aluminum top provides excellent temperature uniformity while the thin ceramic coating provides excellent corrosion resistance and a white surface for optimal sample viewing.

- 20L stirring capacity

	11-676-260	11-676-259
Plug Configuration		
Temperature Range	Max 350°C /662°F	
Heating Control	Scale	
Stirring Speed Range	50 to 2000rpm	
Maximum Load (vessel)	25kg / 55.1lbs	
Stirring Capacity (H$_2$0)	20L	
Body Material	Cast aluminum	
Top Plate Material	Ceramic coated aluminum	
Top Plate Dimensions	140 mm / 5.5in diameter	
Overall Dimensions (WxDxH)	161 x 290 x 100mm 6.34 x 11.42 x 3.94in	
Heating Power	600W	
Power	120V, 60Hz	230V, 50/60Hz
Certifications	CE, cCSAus	
Warranty	2 Years	

Accessories for Isotemp RT basic hotplate stirrer	Catalog No.
Heating Bath	11-676-269
Transparent Shield (PC)	11-676-270
Support Rod (Ø12mm, 400mm, M10)	11-676-271

Heating Bath

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Fisherbrand Isotemp RT advanced hotplate stirrer

Experience precision with our low-profile digital display hotplate stirrer, equipped with PT100 sensor for precise temperature measurements for sensitive experimental procedures.

Features

- Precise digital control with 0.1°C resolution

- HOT TOP warning indicator

- Microprocessor PID temperature control

- User configurable temperature limit setting

- Non-slip heating bath (optional)

- Transparent safety shield (optional)

- Two threaded holes for Support Rods

- Keypad lock

- Automatic over-temperature safety shut off at 450°C

- Heating rate can be set from 0 to 100% at 1% interval

- View current and set temperature simultaneously

- Timer: start immediately or when desired temperature is reached

- Aluminum top provides excellent temperature uniformity while the thin ceramic coating provides excellent corrosion resistance and a white surface for optimal sample viewing

- 20L stirring Capacity

- Stir speed range: 30-2000RPM

- If stirring viscosity changes, the feedback function allows unit to maintain set speed

- Temperature probe (included) when coupled, automatically changes to external sensor mode, user can check sample temperature also control via probe on digital display

	11-676-262	11-676-261
Plug Configuration		
Temperature Range	Ambient 50°C - 350°C/122°F - 662°F	
Heating Control	Feedback Control with PID / Scale	
Stirring Speed Range	30 to 2000rpm	
Maximum Load (vessel)	25kg / 55.1lbs	
Stirring Capacity (H$_2$0)	20L	
Body Material	Aluminum	
Top Plate Material	Ceramic coated aluminum	
Top Plate Dimensions	140mm / 5.5in diameter	
Overall Dimensions (WxDxH)	161 x 290 x 100mm 6.34 x 11.42 x 3.94in	
Heating Power	600W	
Power	120V, 60Hz	230V, 50/60Hz
Certifications	CE, cCSAus	
Warranty	2 Years	

Accessories for Isotemp RT advanced hotplate stirrer	Catalog No.
Heating Bath	11-676-269
Transparent Shield (PC)	11-676-270
Support Rod (Ø12mm, 400mm, M10)	11-676-271
Temperature Probe (PT100, B Class, 250°C)	11-676-275
C-5, Clamp Holder (PP body, Ø12 mm)	11-676-276
3 Prong Clamp (60mm grip)	11-676-277
Temperature Probe (PT100, A Class, 400°C)	11-676-278

Includes temperature probe (PT100, B Class, 250°C)

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DISTRIBUIDOR AUTORIZADO

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