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Технические характеристики

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Refrigerated and Heated Circulator and Specialty Product Accessories


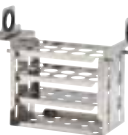




	Refrigerated & Heated Baths	Open Bath Systems	75 L Circulating Bath	Viscosity Baths	Calibration Baths	Cryoprecipitate & Coliform Bath	Histology Products	Quantity	Part Number
TEMPERATURE MEASUREMENT									
External Pt100 Probe. For monitoring the temperature of an external application 3/16" (4.7 mm) diameter x 6" (15.2 cm)									
Cable length: 2' (0.6 m)	•	•	•		•			1 each	525-876
Cable length: 10' (3 m)	•	•	•		•			1 each	525-870
Cable length: 25' (7.6 m)	•	•	•		•			1 each	525-871
Cable length: 50' (15 m)	•	•	•		•			1 each	525-872
In-line Pt100 Temperature Sensor, brass, 10' (3 m) cable	•	•	•					1 each	510-670
Thermometer (-20° to +150°C) alcohol, non-calibrated		•				•		1 each	099590
Thermometer Holder		•				•		1 each	700-437
COMMUNICATION									
RS232 Cable, 9.8' (3 m)	•	•	•	•	•			1 each	225-173
Ethernet Cable, 7' (2.1 m)	•	•	•	•	•			1 each	225-670
PolyScience-branded Flash Drive, 1 GB	•	•	•	•	•			1 each	250-096
USB-A to Mini-B Cable, 1.8 m (6')	•	•	•	•	•			1 each	225-669
Digital to Analog Adapter, 10 mV	•	•	•	•	•			1 each	215-471
COOLING ACCESSORIES									
Cooling Coil Kit. For Open Bath Circulators with 3.63" diameter access port in bridge (10, 20 and 28 liter stainless steel tanks; 17, 23 and 28 liter polycarbonate tanks) and Coliform bath.		•				•		1 each	510-649
BATH ACCESSORIES									
Histology Immersion Basket, stainless steel mesh							•	1 each	703-023
Sample Rack, stainless steel			•					1 each	510-744
Base with locking casters for 15, 20, 28 L Circulators	•							1 each	505-194



	Open Bath Systems	75 L Circulating Bath	Viscosity Baths	Calibration Baths	Histology Products	Quantity	Part Number	
COVERS & LIDS								
Bath Cover, 8 L Polycarbonate Open Bath	•					1 each	510-693	
Bath Cover, 11 L Polycarbonate Open Bath	•					1 each	510-694	
Bath Cover, 14 L Polycarbonate Open Bath	•					1 each	510-695	
Bath Cover, 17 L Polycarbonate Open Bath	•					1 each	510-696	
Bath Cover, 23 L Polycarbonate Open Bath	•					1 each	510-697	
Bath Cover, 28 L Polycarbonate Open Bath	•					1 each	510-698	
Bath Cover, 6 L Stainless Steel Open Bath	•					1 each	510-700	
Bath Cover, 10 L Stainless Steel Open Bath	•					1 each	510-701	
Bath Cover, 20 L/28 L Stainless Steel Open Bath	•					1 each	510-702	
Floating Ball Cover: Covers top of any open tank. Reduces fumes, splashing hazard, and heat loss by 75% and evaporation by 87%. Usable to 110°C. 3/4" (19 mm) diameter, 400/package	•					1 pkg	060301	
Histology Freeze Plate Cover					•	1 each	510-526	
Viscosity Bath Top with 5 round holes & hole covers, for 29 L viscosity bath			•			1 set	510-707	
Viscosity Bath Top with 9 round holes & hole covers, for 29 L viscosity bath			•			1 set	510-708	
Viscosity Bath Top with 3 square holes & hole covers, for 29 L viscosity bath			•			1 set	510-709	
Viscometer Holder, removable. For viscosity baths with round openings.			•			1 each	300-863	
75 L Bath Cover, polycarbonate		•				1 each	300-829	
Sleeve Kit for calibration bath lid: 2 mm inserts x (2), 4.0 mm insert x (1)				•		1 kit	510-748	
Sleeve Kit for calibration bath lid: 3 mm inserts x (2), 4.0 mm insert x (1)				•		1 kit	510-745	
Sleeve Kit for calibration bath lid: 4 mm inserts x (2), 4.0 mm insert x (1)				•		1 kit	510-746	
Sleeve Kit for calibration bath lid: 5 mm inserts x (2), 4.0 mm insert x (1)				•		1 kit	510-749	
Sleeve Kit for calibration bath lid: 6 mm inserts x (2), 4.0 mm insert x (1)				•		1 kit	510-747	
Sleeve Kit for calibration bath lid: 8 mm inserts x (2), 4.0 mm insert x (1)				•		1 kit	510-750	
Solid Plug for calibration bath lid, Viton®				•		1 each	300-831	
Drain Cap, replacement, for polycarbonate tanks	•					1 each	510-756	

Refrigerated and Heated Circulator and Specialty Product Accessories

TEST TUBE RACKS

Modular design allows use with multiple tube sizes and different immersion depths with a single rack	Maximum Racks per Tank										Part Number	
	Stainless Steel				Polycarbonate							
Tank Material	6 L	10 L	20 L	28 L	8 L	11 L	14 L	17 L	23 L	28 L		
Stainless Steel Rack 10-13 mm, holds 15 maximum	1										510-672	
Stainless Steel Rack 14-18 mm, holds 15 maximum	1										510-673	
Stainless Steel Rack 10-13 mm, holds 30 maximum		1	2	2							510-674	
Stainless Steel Rack 14-18 mm, holds 30 maximum		1	2	2							510-675	
Polycarbonate Rack 10-18 mm, holds 24 maximum					1	2	3				300-777	
Polycarbonate Rack 10-18 mm, holds 52 maximum								1	2	3	300-778	







AIR FILTERS

	Quantity	Part Number
For 07R-20 and 07R-40 Circulators	1	305-054
For 7LR-20 Circulator	1	305-057
For 15R-30, 15R-40, 20R-30, and 28R-30 Circulators	1	305-055
For 45R-20 Circulator	1	305-056
For 15 L Refrigerated Calibration Bath	1	305-054
For 75 L Refrigerated Circulating Bath	1	305-056
For Cryoprecipitate Bath	1	750-855
For Histology Bath	1	305-054



CALIBRATION CERTIFICATES

	Part Number
Calibration Certificate, 1 point	130-346
Calibration for 2 through 10 points (added to original certificate)	130-347

TUBING/FITTINGS/ADAPTERS	Refrigerated & Heated Baths	Open Bath Systems	75 L Circulating Bath	Viscosity Baths	Calibration Baths	Quantity	Part Number	
Tubing. Select by temperature range. Order in continuous length, multiples of 1 m (39").								
Buna N Tubing (synthetic rubber), 1/4" (8 mm) ID, -40 to 120°C	•	•	•	•	•	1 m (39")	060307	
Teflon®-lined Tubing, 1/4" (8 mm), stainless steel overbraid with 1/4" NPT quick connects. -50° to 225°C. Available only in 3' (.9 m) length.	•	•	•	•	•	1 m (39")	060310	
Viton® Tubing, 3/8" (9.5 mm) ID, -32 to 200°C	•	•	•	•	•	1 m (39")	060319	
Insulation for all 1/4" (6.3 mm) tubing above - 1 m (39") lengths	•	•	•	•	•	1 m (39")	060309	
Bypass Kit, replacement, Buna N tubing, 1/2" ID x 6" with spring and 2 hose clamps, -40° to 120°C	•	•	•	•	•	1 kit	510-711	
Bypass Kit for higher temperatures, Viton® tubing, 1/2" ID x 6" with spring and 2 hose clamps, -32 to 200°C	•	•	•	•	•	1 kit	510-495	
Bypass Kit, silicone tubing 1/2" ID x 6", MX Controllers only	•	•				1 kit	510-713	
Tube Clamp for 1/4" (8 mm) and 3/8" (10 mm) tubing, stainless steel	•	•	•		•	1 each	400-881	

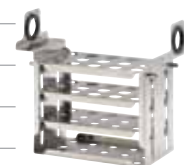
Refrigerated and Heated Circulator and Specialty Product Accessories

	Refrigerated & Heated Baths	Open Bath Systems	75 L Circulating Bath	Calibration Baths	Quantity	Part Number
FITTINGS/ADAPTERS						
Fittings/Adapters: Connect ports on back of Temperature Controller to tubing going to external process. 1/4" NPT to M16 adapter supplied with 50 Hz for connecting metric fittings.						
Fitting, 1/4" male NPT x 1/8" (3 mm) hose barb, brass	•	•	•	•	set of 2	060306
Fitting, 1/4" male NPT x 3/16" (5 mm) hose barb, nylon	•	•	•	•	1 each	300-049
Fitting, 1/4" male NPT to 3/16" (5 mm) hose barb, brass	•	•	•	•	1 each	776-193
Fitting, 1/4" male NPT x 3/16" (5 mm) hose barb, stainless steel	•	•	•	•	1 each	776-204
Fitting, 1/4" male NPT x 1/4" (6 mm) hose barb, nylon	•	•	•	•	1 each	300-048
Fitting, 1/4" male NPT to 1/4" (6 mm) hose barb, brass	•	•	•	•	1 each	776-194
Fitting, 1/4" male NPT x 1/4" (6 mm) hose barb, stainless steel	•	•	•	•	1 each	776-203
Fitting, 1/4" male NPT x 5/16" (8 mm) hose barb, straight, brass, 2 each	•	•	•	•	set of 2	060305-2
Fitting, 1/4" male NPT x 3/8" (9.5 mm) hose barb, nylon	•	•	•	•	1 each	300-047
Fitting, 1/4" male NPT to 3/8" (9.5 mm) hose barb, brass	•	•	•	•	1 each	776-195
Fitting, 1/4" male NPT x 3/8" (9.5 mm) hose barb, stainless steel	•	•	•	•	1 each	776-202
Fitting, 1/4" male NPT x M16x1, stainless steel	•	•	•	•	1 each	775-290
Fitting, M16x1 female to 8 mm (1/4") hose barb, brass	•	•	•	•	1 each	776-191
Fitting, M16x1 female to 12 mm (7/16") hose barb, brass	•	•	•	•	1 each	776-192
Fitting, 1/2" (13 mm) barb x 5/16" (5 mm) barb, glass-filled nylon (for MX Controllers)	•	•			1 each	776-206
Fitting, 1/2" (13 mm) barb x 1/4" (6 mm) barb, glass-filled nylon (for MX Controllers)	•	•			1 each	776-207
Fitting, 1/2" (13 mm) barb x 3/8" (9.5 mm) barb, glass-filled nylon (for MX Controllers)	•	•			1 each	776-205
Fitting, 1/2" Male NPT x 5/8" (16 mm) hose barb, nylon, straight (for integrated cooling coils)	•			•	1 each	300-131
Fitting, 1/2" Male NPT x 1/2" (13 mm) hose barb, nylon, straight (for integrated cooling coils)	•			•	1 each	300-096
Flow adapter, two (2) port with shutoffs, brass 1/4" male NPT x 2 @ 1/4" (6 mm) hose barb	•	•		•	1 each	510-666



General Purpose Water Bath Accessories

	Digital Water Baths	Economy Water Baths	Shaking Water Baths	Quantity	Part Number
Thermometer (-20 to +150°C) alcohol, non-calibrated	•	•	•	1 each	099590
Thermometer Holder	•	•	•	1 each	700-437
Concentric Rings (4 rings per hole): 3/4" (1.9 cm), 1 3/8" (3.5 cm), 2 1/8" (5.4 cm), 3 1/8" (7.8 cm)					
Concentric Ring Cover for 10 L: 4-hole cover with 4 ring sets	•	•		1 set	040678
Concentric Ring Cover for 20/28 L: 6-hole cover with 6 ring sets	•	•		1 set	040679
Concentric Ring Set, replacement (4 rings)	•	•		1 set	040649
Floating Ball Cover: Covers top of tank, reducing heat loss by 75% and evaporation by 87%. Also reduces fumes and splashing hazards. 3/4" (20 mm) diameter, 400/package	•	•		1 package	060301
TEST TUBE RACKS FOR GENERAL PURPOSE BATHS					
	Maximum Racks per Tank				
	5 L	10 L	20 L	28 L	Part Number
Stainless Steel Rack, 10-13 mm, holds 15 maximum	2				510-672
Stainless Steel Rack, 14-18 mm, holds 15 maximum	2				510-673
Stainless Steel Rack, 10-13 mm, holds 30 maximum		3	3	3	510-674
Stainless Steel Rack, 14-18 mm, holds 30 maximum		3	3	3	510-675
FLASK HOLDERS FOR SHAKING BATHS					
	Maximum per Sample Tray				
	20 L	28 L			Part Number
1000 ml	4	4			040810
500 ml	4	4			040808
250 ml	6	6			040806
125 ml	8	8			040804
50 ml	24	24			040802
25 ml	48	32			040800



Chiller Accessories

Description	L-Series Chillers	M-Series Chillers	6000 Series Chillers	DuraChill™ Chillers	Model 4100 Liquid-to-Liquid Coolers	Quantity	Part Number
TEMPERATURE MEASUREMENT							
Ambient Temperature Sensor			•	•	•	1 each	510-299
External PT100 Probe, 10' cable (3 m)			•	•	•	1 each	060101
External PT100 Probe, 25' cable (7.6 m)			•	•	•	1 each	060105
External PT100 Probe, 50' cable (15 m)			•	•	•	1 each	060110
FLUID FILTERS							
Filter Housing with bracket (Sediment Filters sold separately)			•	•		1 each	510-751
30 micron Sediment Filter (package of 2)			•	•		1 pack	775-848
20 micron Sediment Filter (package of 2)			•	•		1 pack	775-719
5 micron Sediment Filter (package of 2)			•	•		1 pack	775-846
50 micron Filter Kit with housing and bypass	•	•				1 each	510-520
50 micron Filter Kit with housing (no bypass)	•	•				1 each	510-519
MOBILITY							
Base with locking casters	•					1 each	505-169
BYPASS VALVE KITS							
External Pressure Reducer for chillers with Positive Displacement or Turbine pumps. Reduces chiller output to adjustable range of 10-45 psi (0.69-3.10 bar)			•			1 each	060302
External bypass for chillers with magnetic drive centrifugal pump. Connects to inlet and outlet, allowing bypass flow when application flow is stopped.			•			1 each	510-147
COMMUNICATION							
RS232 Retrofit Kit: Includes hardware, installation and operation instructions.			•			1 each	510-298



Product Part Numbers and Electrical Plug Options














Most PolyScience part numbers are constructed from the attributes of a product. Each section of the part number has a specific meaning. Example: for part number PP07R-20-A11B,

PP07R-20 represents the model, and:

- PP = Controller Model (Performance Programmable)
- 07 = Reservoir Capacity (7 Liters)
- R = Heating or Refrigerated (Refrigerated Bath)
- 20 = Upper or Lower Temperature Capability (-20°C), depending on model
- A1 = Finish (PolyScience Silver)
 - 1 = Voltage/Frequency (1 = 120 Volts/60 Hertz)
 - B = Electrical Plug Type (B=US-Type, 120 Volts, 13 Amp)

The last character, B, represents the type of electrical plug that will ship with your product. Electrical plugs for the part numbers listed throughout the catalog are for standard U.S. and European types. To accommodate our customers throughout the world, PolyScience provides optional electrical plugs at no additional cost when ordered with the product.

To choose the correct plug for your product, please select from the table below and substitute the appropriate **Plug Designation** for the last character of the part number for the product you have selected. If you are uncertain of which plug type you need, please contact PolyScience for assistance.

Country	PolyScience Plug Designation	
USA (120 VAC)	B or C	
European, standard (240 VAC)	E	
USA (230 VAC)	D	
Argentina, Australia, New Zealand	A	
United Kingdom, Bangladesh, China, Hong Kong, Ireland, Malaysia, Nigeria, Saudi Arabia, Singapore, UAE, Vietnam, Zambia, Zimbabwe	P	
China (similar to A but polarity is reversed)	Y	
Argentina (similar to A but with different pin lengths)	G	
Korea	K	
India, Pakistan, South Africa	M	
Israel	R	
Chile, Italy, Syria	S	
Denmark, Bangladesh	T	
Switzerland	Z	

Mobile Benchtop Carts

Save bench space by placing your PolyScience products on a custom-designed cart. Store additional equipment or fluids behind the rolling tambour door. Increase your mobility, flexibility and efficiency. Available in two options to accommodate units of various sizes. All PolyScience Mobile Benchtop Carts feature:

- Heavy-Duty Corrosion-Resistant HDPE Construction
- Easy Cleanability
- Four Total-Locking, 3-inch, Sealed Bearing Casters
- 3-inch Lip to Safely Store Equipment
- Weight ratings of up to 200lb on the top and 25lb on the drain shelf



	Large Cart	Small Cart
Part Number	511-445	511-444
Cart Height		
Cart Width	28.476"	28.476"
Cart Depth		
Top Area Dimensions (WxDxH)	19.68"	17.05"
	28"	23"
	17.6"x26.5"x1.63"	15"x21.5"x1.63"

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