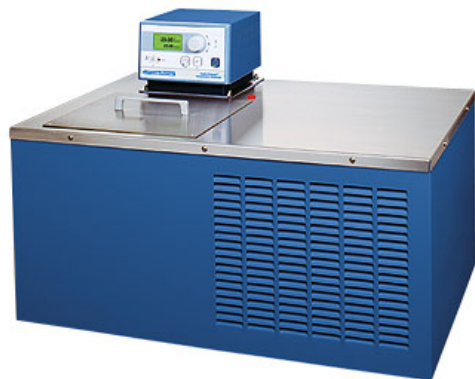


Water Baths

Refrigerated/Heater Bath

28 Liter



Digital Controller Bath

Bath is perfect for large-volume applications that require precise temperature control. Features include RS-232 communication and an industrial-grade pump. Display temperature in °C, °F, or °U (user defined) with a resolution of 0.1 or 0.01°. On/off and min/max refrigeration control provides added temperature control improving accuracy and uniformity. Over-temperature and low-level cutoffs trigger audible and visual alarms.

Includes: lid, two feet of Buna N tubing and male adapters for 3/8", 1/4", and 3/16" ID tubing

Specifications

Capacity (Liters)		28
Temp range		-25 to 100°C
Temp control		PID
Display		LCD
Stability		±0.01°C
Heater wattage		800 watts
Cooling capacity	at 20 C	700 watts
	at -20 C	175 watts
Compressor hp		1/2 hp
Pressure pump	Max head at 0	4.3 psig
	Max flow at 0	15 L/min
Suction pump		No
Working depth		8"
Wetted materials		304 stainless steel
Low-level cutoff		Yes
Drain		Yes
Port size		1/4" NPT(M)
Overall Dimensions	" W	27-1/2"
	" H	18-5/8"
	" D	22"
Bath opening	" W	11-1/4"
	" H	8"
	" D	11-1/2"

Ordering Information

Part No. 101522348 120 Volts, 60 Hz, 20 Amps

Part No. 101526464 240 Volts, 50 Hz, 7 Amps

Refrigerated/Heater Bath

6 Liter



Digital Controller Bath

Bath features $\pm 0.05^{\circ}\text{C}$ temperature stability down to -20°C . The LED readout lets you continuously monitor fluid temperature, simply press a button to display set temperature. Rapidly change set point with rotary encoder or with three user-selectable preset temperature set points. Read temperature in $^{\circ}\text{C}$ or $^{\circ}\text{F}$. High-temperature cutoff and low-liquid cutoff help to ensure safe operation. Vertical design saves valuable lab space. Switch-selectable two-speed pump has $\frac{1}{4}$ " NPT (F) inlet/outlet ports, which accept 13-mm ID tubing.

Includes: lid, one 2-ft length of Buna N tubing (13 mm ID), nylon male adapters for $\frac{3}{8}$ ", $\frac{1}{4}$ ", and $\frac{3}{16}$ " tubing; and 5-ft cord with U.S. standard plug (European plug on 240 VAC model).

Ordering Information

Part No. 208755 120 Volts, 60 Hz, 10 Amps

Part No. 208756 240 Volts, 50 Hz, 5 Amps

Specifications

Capacity (Liters)		Six
Temp range		-20 to 150°C
Temp control		Digital - PID
Heater wattage		1000 watts
Cooling capacity	at 20 C	200 watts
	at 0 C	140 watts
	at -10 C	100 watts
Compressor hp		$\frac{1}{4}$ hp
Pressure pump	Max head at 0 flow	2.5 psig
	Max flow at 0 head	9 or 15 L/min
Working depth		5- $\frac{1}{4}$ "
Wetted materials		304 stainless steel
Low-level cutoff		Yes
Port size		$\frac{1}{4}$ " NPT(F)
Dimensions	" D	15- $\frac{3}{4}$ "
	" H	22- $\frac{1}{2}$ "
	" W	8- $\frac{1}{4}$ "
Bath opening	" W	5- $\frac{1}{4}$ "
	" L	5- $\frac{1}{4}$ "
Display		LED
Stability		$\pm 0.05^{\circ}\text{C}$

General-Purpose Heated Digital Bath

19.5 Liter



Specifications

Temp range	Ambient to 99.9°C
Temp control	Digital
Temp sensor	PID
Heater wattage	600 W
Bath opening	14" x 12"
Working depth	8"
Capacity (Liters)	19.5 liters
Display	LED
Power	115 VAC, 60 Hz, 5 A
Dimensions	18 3/4"W x 12 3/4"H x 15 3/4"D
Shelf dimensions	12" x 10"

Seamless stainless steel interior and epoxy powder-coated exterior

Fully insulated chamber with stainless steel diffuser shelf achieves desired temperature quickly

Adjust temperature set point via front-mounted control panel

Over-temperature safety circuitry prevents thermal runaway

Includes 304 stainless steel gable cover. Cover allows for rapid heat up to the maximum temperature. Microprocessor-based controller and fiberglass insulation provide excellent heat control and uniformity. Program temperature set point with the push of a button. Bath features LED readout, automatic over-temperature protection, and built-in calibration capabilities.

Ordering Information

Part No. 101522359 115 Volts 60 Hz 5 Amps

Part No. 101526462 230 Volts 50/60 Hz 2.5 Amps

Heating Bath Circulator

35 Liter



Specifications

Temp range	Ambient +12°C to 100°C
Temp control	Digital
Heater wattage	115 Volt, 1600 Watts 230 Volt, 2000 Watts
Bath opening	8.25" x 15.5" x 12"
Working depth	11"
Capacity (Liters)	35 liters
Display	LED
Power	115v/60Hz 230V/50Hz
Dimensions	20.6"W x 11.4"H x 25.5"D
Temperature Stability	±0.01°C

This heating bath circulator offers quick heat up times, a small footprint to conserve valuable bench space. Features include a powerful force and suction pumps to circulate long distances or to open or closed containers, seamless stainless steel tanks for excellent fluid compatibility and easy cleaning, low reservoir fluid level shut-off safety, tap water cooling coil to maintain temperatures near ambient or for rapid cool down from elevated temperatures, reservoir drain for quick and tidy fluid changes.

The Controller Features:

- User selectable resolution 0.1°C or 0.01°C
- User adjustable low temperature and high temperature alarm limits
- Continuous run with visual alert
- Shut down with visual alert
- Automatic reservoir refill port
- RS-232 and RS-485 communication ports
- On/Off Timer with clock
- Audible safety alarm with mute

UL Listed to UL-3101-1, CSA 1010.1, CE Marked

Ordering Information

Part No. 204161 120 Volts 60 Hz, 1600 Watt Heater

Part No. 101583798 240 Volts 50/60 Hz, 2000 Watt Heater