

HOT BATHS



Baths

Hot Baths

Models 6020, 6022, and 6024

Large-capacity tanks for higher productivity

Calibrations up to 300°C

Built-in cooling coils for faster cooling

Stability to $\pm 0.001^\circ\text{C}$

Comparison calibrations require a heat source that's stable and uniform, and nothing provides a better heat source than a Hart oil bath.

Hart oil baths are stable to $\pm 0.001^\circ\text{C}$ and do not require calibration blocks or use of special calibration techniques to achieve that stability. The specifications of all Hart baths are "true" specifications representing the performance you can expect to achieve in your lab under your operating conditions. Other companies advertise specs that they know you will

never see in your lab. When their baths fail to perform, they blame it on you.

Hart baths are built using a unique tank design that guarantees the best uniformity possible in a liquid bath. This, coupled with the industry's best-selling digital bath controller, achieves uncompromised performance and ease of use.

Not only does Hart's digital controller have features like its "Super-Tweak" high-resolution mode so you can dial in the exact temperatures you want, it also lets you completely automate the calibra-

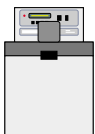
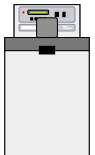
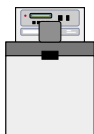
tion process using your PC and Hart's 9932 Calibrate-it software (see page 80).

You'll love these baths, and once you've got one you'll never buy anything else. There's a bath to match any temperature range, depth, price, and performance you need.

Ordering Information

6020	Bath
6022	Bath
6024	Bath
2001-6020	Automation Package for 6020
2001-6022	Automation Package for 6022
2001-6024	Automation Package for 6024
2001-IEEE	Add for IEEE-488 (requires Automation Package)

Ranges from 20°C to 300°C

Specifications	6020	6022	6024
			
Range	20°C to 300°C [†]		
Stability	±0.001°C at 40°C (water) ±0.003°C at 100°C (oil) ±0.005°C at 300°C (oil)		
Uniformity	±0.002°C at 40°C (water) ±0.004°C at 100°C (oil) ±0.012°C at 300°C (oil)		
Temperature Setting	Digital display with push-button data entry		
Set-Point Resolution	0.01°C; high-resolution mode, 0.00018°C		
Display Temperature Resolution	0.01°C		
Digital Setting Accuracy	±1°C		
Digital Setting Repeatability	±0.02°C		
Heaters	350 and 1050 watts		
Access Opening (call for custom openings)	5" x 10" (127 x 254 mm)	5" x 10" (127 x 254 mm)	7.25" x 12.75" (184 x 324 mm)
Depth	12" (305 mm)	18.25" (464 mm)	13.25" (337 mm)
Wetted Parts	304 stainless steel		
Power	115 VAC (±10%), 50/60 Hz, 10 A or 230 VAC (±10%), 50/60 Hz, 5 A, specify, 1075 W		
Volume	7.2 gallons (27 liters)	11.1 gallons (42 liters)	11.2 gallons (42 liters)
Weight	70 lb. (32 kg)	80 lb. (36 kg)	80 lb. (36 kg)
Size	25.5" H x 16" W x 20" D (648 x 406 x 508 mm)	32" H x 16" W x 20" D (813 x 406 x 508 mm)	27.5" H x 19" W x 23" D (699 x 483 x 584 mm)
Automation Package	Interface- <i>it</i> software and RS-232 computer interface are available for setting bath temperature via remote computer. For IEEE-488, add the 2001-IEEE to the automation package.		

[†]External cooling required for operation below 40°C. Cooling coils are built into the bath walls. Tubing ports are accessible at the back of the bath for circulating chilled fluid or shop air to boost cooling.

Ordering Information

2010	Access Cover, 5" x 10", Lexan
2007	Access Cover, 5" x 10", Stainless Steel
2011	Access Cover, 7.25" x 12.75", Lexan
2009	Access Cover, 7.25" x 12.75", Stainless Steel
2070	Bath Cart (6020, 6022)
2072	Bath Cart (6024)



See our selection of bath fluids on page 110.

Scott, Brad, Leonard, and John show off their birthday presents from last year.

