

TECHNICAL DATA

6022/6024 High Temperature Calibration Oil Baths



Product overview: 6022/6024 High Temperature Calibration Oil Baths

Comparison calibrations require a heat source that's stable and uniform, and for moderately high temperatures nothing provides a better heat source than a Fluke Calibration oil bath.

Fluke Calibration oil baths are stable to ± 0.001 °C and do not require calibration blocks or use of special calibration techniques to achieve that stability. The specifications of all our 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.

Fluke Calibration 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 our 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 calibration process using your PC and our 9938 MET/TEMP II software.

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.

Specifications: 6022/6024 High Temperature Calibration Oil Baths

Specifications		
	6022	6024
Range	40 °C to 300 °C [†]	
Stability	±0.001 °C at 40 °C (water) ±0.003 °C at 100 °C (oil 5012) ±0.005 °C at 300 °C (oil 5017)	
Uniformity	±0.002 °C at 40 °C (water) ±0.004 °C at 100 °C (oil 5012) ±0.012 °C at 300 °C (oil 5017)	
Temperature Seing	Digital display with push-buon data ey	
Set-Point Resolution	0.01 °C; high-resolution mode, 0.00018 °C	
Display Temperature Resolution	0.01 °C	
Digital Seing Accuracy	±1 °C	
Digital Seing Repeatability	±0.02 °C	
Heaters	350 and 1050 was	
Access Opening (call for custom openings)	127 x 254 mm (5 x 10 in)	184 x 324 mm (7.25 x 12.75 in)
Depth	464 mm (18.25 in)	337 mm (13.25 in)
Weed Parts	304 stainless steel	
Power	115 VAC (±10 %), 50/60 Hz, 10 A or 230 VAC (±10 %), 50/60 Hz, 5 A, specify	
Volume	42 liters (11.2 gallons)	
Weight	36 kg (80 lb.)	
Size (HxWxD)	813 x 406 x 508 mm (32 x 16 x 20 in)	699 x 483 x 584 mm (27.5 x 19 x 23 in)
Automation Package	MetTemp II software and RS-232 computer interface are included for seing bath temperature via remote computer. For IEEE-488, add the 2001-IEEE.	
†Extel cooling required for operation below 40 °C. Cooling coils are built into the		

Ordering information



6024

Standard Bath, 40 °C to 300 °C, deep

6022

Standard Bath, 40 °C to 300 °C, high capacity

2001-IEEE

IEEE-488 Interface, 6330/7320/7340

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