TECHNICAL DATA

6020 High Temperature Calibration Oil Bath

Key features

- Stable, uniform heat sources for calibrations up to 300 °C.
- Large-capacity tanks for higher productivity.
- Built-in cooling coils for faster cooling.
- Stability to ±0.001 °C.
- High temperature oil bath (300 °C) with high capacity and deep immersion.
- Excellent temperature stability (±0.003 °C) and uniformity (±0.004 °C).

Product overview: 6020 High Temperature Calibration Oil Bath

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: 6020 High Temperature Calibration Oil Bath

Specifications	
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)
Depth	305 mm (12 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	27 liters (7.2 gallons)
Weight	32 kg (70 lb.)
Size (HxWxD)	648 x 406 x 508 mm (25.5 x 16 x 20 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.
[†]Exteal 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

6020

Standard Bath, 40 °C to 300 °C

2001-IEEE

IEEE-488 Interface, 6330/7320/7340

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Fluke (UK) Ltd.
52 Hurricane Way
Norwich, Norfolk
NR6 6JB
United Kingdom
Tel.: +44 (0)20 7942 0708
E-mail: cs.uk@fluke.com
www.fluke.com