

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 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)	127 x 254 mm (5 x 10 in)
Depth	305 mm (12 in)
Wetted 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)
[†] 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



6020

Standard Bath, 40 °C to 300 °C

Part#: 0

2001-IEEE

IEEE-488 Interface

Part#: 1649341

Fluke. *Keeping your world up and running.®*

Fluke Corporation

PO Box 9090, Everett, WA 98206 U.S.A.

For more information call:

In the U.S.A. (800) 443-5853

In Canada (800) 36-FLUKE

From other countries +1 (425) 446-5500

www.fluke.com

©2026 Fluke Corporation.

Specifications subject to change without notice.

10/2026

**Modification of this document is not permitted
without written permission from Fluke
Corporation.**