

Technische daten

6054/6055/7007 Deep-Well Baths



Wichtigste Merkmale

- Extratiefe Bäder, geeignet für Thermometriearbeiten, für die zusätzliche Tanktiefe und überragende Stabilität erforderlich sind.
- Konstanter Flüssigkeitspegel durch konzentrische Rohrkonstruktion.
- Spezielles Design für die Sichtung von Flüssigkeits-Glas-Thermometern (LIG).
- Die Tiefe der Bäder reicht von 43 bis 60 cm, um Wärmeleiteffekte an Messfühlern auszuschließen, die tiefes Eintauchen erfordern.

Produktübersicht: 6054/6055/7007 Deep-Well Baths

The 7007 is designed for the temperature range of -5°C to 110°C , has built-in refrigeration, is 24 inches deep, and comes with a removable polycarbonate cover.

The 6054 covers the temperature range of 50°C to 300°C , is also 24 inches deep, and comes with a removable stainless steel cover.

The 6055 is engineered for the temperature range of 200°C to 550°C with salt and is 17 inches deep. Specific size differences and various specifications are shown in the comparison table.

The Model 6055, operating up to 550°C , uses molten salts with a pumping system for maintaining the necessary consistent fluid level required for liquid-in-glass thermometer calibrations. A viewing channel is built into the top cover

for a clear visual path to your glass thermometers.

The 6055 also has an optional thermometer carousel for holding several glass thermometers in the correct calibration position without exposing them to the hot salts in the bath. The Model 2018 Carousel is completely constructed of stainless steel and has an elevated handle for rotating your thermometers to the viewing position.

These deep-well baths are built to the same performance standards as all Fluke Calibration baths, which means you can't find another bath that has better stability or uniformity.

Technische Daten: 6054/6055/7007 Deep-Well Baths

	7007	6054	6055
Range	–5 °C to 110 °C	50 °C to 300 °C	200 °C to 550 °C
Temperature Stability	± 0.001 °C at 0 °C (water/ethanol) ± 0.001 °C at 25 °C (water) ± 0.003 °C at 100 °C (oil 5012)	± 0.003 °C at 100 °C (oil 5012) ± 0.005 °C at 300 °C (oil 5017)	± 0.003 °C at 200 °C (salt) ± 0.01 °C at 550 °C (salt)
Temperature Uniformity	± 0.004 °C at 0 °C (ethanol) ± 0.007 °C at 100 °C (oil 5012)	± 0.007 °C at 100 °C (oil 5012) ± 0.015 °C at 300 °C (oil 5017)	± 0.005 °C at 200 °C (salt) ± 0.010 °C at 550 °C (salt)
Temperature Seing	Digital display with push-buon data ey		
Set-Point Resolution	0.002 °C, high res. 0.00003 °C	0.01 °C, high res. 0.00018 °C	
Display Temperature Resolution	0.01 °C		
Digital Seing Accuracy	± 1 °C		
Digital Seing Repeatability	± 0.005 °C	± 0.01 °C	
Heaters	250 to 1000 W	250 to 1000 W	260 to 2080 W
Working Area	178 mm dia. (7 in)	196 mm dia. (7.7 in)	107 mm dia. (4.2 in)
Depth	24 in	24 in	24 in
Weed Parts	304 stainless steel		
Power	230 V ac (± 10 %), 50 or 60 Hz, 15 A (Specify frequency, contact Fluke Calibration if CE mark required.)	230 V ac (± 10 %), 50/60 Hz, 15 A max	230 V ac (± 10 %), 50/60 Hz, 15 A
Volume	42 liters (11.2 gal)	50 liters (13.2 gal)	19.8 liters (5.2 gal, 43 kg [95 lb] of bath salt)

Size (D x W x H)	470 x 775 x 194 mm to working surface (18.5 x 30.5 x 47 in), 1397 mm (55 in) to top of stir motor, 914 mm (36 in) to cool panel	572 x 762 x 1219 mm to working surface (22.5 x 30 x 48 in), 1422 mm (56 in) to top of stir motor box, 914 mm (36 in) to cool panel	572 x 775 x 1219 mm to working surface (22.5 x 30.5 x 48 in), 1524 mm (60 in) to top of stir motor box, 914 mm (36 in) to cool panel
Distance from Line of Sight to Top of Fluid	9.5 mm (3/8 in)	15.9 mm (5/8 in)	
Automation	Use the 1586A Super-DAQ to automate temperature sensor calibration. For IEEE-488, add the 2001-IEEE to the automation package.		
Weight	70.8 kg (156 lb)		

Modelle



6054

Deep-Well-Bad mit mittlerer Temperatur

6055

Deep-Well-Bad mit hoher Temperatur

7007

Refrigerated Deep-Well Bath

Fluke. *Damit Ihre Welt intakt bleibt.*

Fluke Deutschland GmbH

In den Engematten 14

79286 Glottertal

Telefon: 0 69 2 2222 0203

E-Mail: CS.Deutschland-ELEK@Fluke.com

E-Mail: CS.Deutschland-INDS@Fluke.com

www.fluke.de

©2025 Fluke Corporation. Alle Rechte vorbehalten.

Anderungen vorbehalten

04/2025

Technischer Beratung:

Beratung zu Produkteigenschaften, Spezifikationen,
Messgeräte und Anwendungsfragen

Tel.: +49 (0) 7684 8 00 95 45

E-Mail: techsupport.dach@fluke.com

**Dieses Dokument darf nicht ohne die schriftliche
Genehmigung der Fluke Corporation geändert
werden.**