기술 자료

6054/6055/7007 Deep-Well Baths



주요 기능

- 추가 탱크 깊이와 궁극의 안정성을 필요로 하는 온도 측정 작업에 적합한 매우 깊은 웰을 제공합니다.
- 동심원 튜브 설계를 통해 일정한 액체 높이를 유지합니다.
- 액체 유리(LIG, Liquid-In-Glass) 온도계를 확인할 수 있도록 특별히 설계되었습니다.
- 웰 깊이가 17~24인치로 다양하여, 깊은 담금이 필요한 프로브에서 스템 전도 효과를 제거합니다.

제품 개요: 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.

제품 사양: 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 Setting	Digital display with push-button data entry		
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 Setting Accuracy	± 1 °C		
Digital Setting 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
Wetted 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 control 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 control 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 control 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)		

모델



6054
중간범위 Deep-Well Bath

6055
고온 Deep-Well Bath

7007

Refrigerated Deep-Well Bath

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

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

(주)한국플루크Fluke Korea
Tel.02.539.6311
(주)한국플루크 대구지사
Tel.053.382.6311
www.fluke.co.kr

Fluke Korea
서울특별시 강남구 영동대로 517,10층 1002호
(삼성동, 아셈타워)
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