

# 7040 Refrigerated Temperature Calibration Bath



## Produktübersicht: 7040 Refrigerated Temperature Calibration Bath

This bath operates at temperatures as low as  $-40\text{ }^{\circ}\text{C}$ , and is built using CFC-free refrigerants. Fluke Calibration's proprietary controller design and unique tank construction produce bath stabilities to  $\pm 0.001\text{ }^{\circ}\text{C}$  or better. These baths are so stable and uniform that national labs use them for comparison calibrations and fixed-point cell maintenance.

The bath is fully automatable with a bath interface package and Fluke Calibration's MET/TEMP II automation software package. When we automate a bath, we automate it completely with computer-controlled solenoid valves for precision balancing of the heating and cooling system. MET/TEMP II performs all calibration tasks automatically, using your PC.

With a Fluke Calibration cold bath, you can forget external coolants. Internal refrigeration systems are all that's needed to reach each bath's coldest temperature. Most cold baths may be ordered with an optional pumping lid for supplying external cooling requirements.

## Technische Daten: 7040 Refrigerated Temperature Calibration Bath

| Specifications                           |                                                                                                   |
|------------------------------------------|---------------------------------------------------------------------------------------------------|
| <b>Model</b>                             | <b>7040</b>                                                                                       |
| <b>Range</b>                             | -40 °C to 110 °C                                                                                  |
| <b>Stability</b>                         | ±0.002 °C at -40 °C (ethanol)<br>±0.0015 °C at 25 °C (water)<br>±0.003 °C at 100 °C (oil 5012)    |
| <b>Uniformity</b>                        | ±0.004 °C at -40 °C (ethanol)<br>±0.002 °C at 25 °C (water)<br>±0.004 °C at 100 °C (oil 5012)     |
| <b>Temperature Seing</b>                 | Digital display with push-buon data ey                                                            |
| <b>Set-Point Resolution</b>              | 0.01 °C; high-resolution mode, 0.00007 °C                                                         |
| <b>Display Resolution</b>                | 0.01 °C                                                                                           |
| <b>Digital Seing Accuracy</b>            | ±1 °C                                                                                             |
| <b>Digital Seing Repeatability</b>       | ±0.01 °C                                                                                          |
| <b>Heaters</b>                           | 500 and 1000 Was                                                                                  |
| <b>Access Opening (call for customs)</b> | 127 x 254 mm(5 x 10 in)                                                                           |
| <b>Depth</b>                             | 305 mm (12 in)                                                                                    |
| <b>Weed Parts</b>                        | 304 Stainless Steel                                                                               |
| <b>Power</b>                             | 115 VAC (±10 %), 60 Hz, 16 A or 230 VAC (±10 %), 50 or 60 Hz, 9 A (specify voltage and frequency) |
| <b>Volume</b>                            | 27 liters (7.2 gal)                                                                               |
| <b>Weight</b>                            | 63.5 kg (40 lb)                                                                                   |
| <b>Size</b>                              | 622 x 768 x 483 mm (24.5 x 30.25 x 19 in)                                                         |
| <b>Automation</b>                        | Use the 1586A Super-DAQ to automate temperature sensor calibration                                |

## Modelle



### **7040**

Standardbad, -40 bis +110 °C

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### **2033**

Infrarotdüse (NIST-Design)

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**Fluke.** *Damit Ihre Welt intakt bleibt.*

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Anderungen vorbehalten

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