

TECHNICAL DATA

9007 Portable Lab Dry-Well



Product overview: 9007 Portable Lab Dry-Well

The 9007 covers $-40\text{ }^{\circ}\text{C}$ to $140\text{ }^{\circ}\text{C}$. No external cooling is needed, so you get $-40\text{ }^{\circ}\text{C}$ in normal ambient. Set-point accuracy is $\pm 0.15\text{ }^{\circ}\text{C}$ and stability is better than $\pm 0.02\text{ }^{\circ}\text{C}$.

This dry-well comes with a unique calibration at the full, six-inch depth of the well and at a three-inch depth for short probes. Coefficients for each calibration are stored in the dry-well and can be easily selected from the top-panel control buttons to match the length of the probe being tested.

Encased in an all-aluminum enclosure that is durable, waterproof, and meets the standards of MIL-T-28800, the 9007 comes with both RS-232 and IEEE-488 interface connections. A wide variety of inserts are available covering probe diameters from 1/16 inch (1.6 mm) to 5/8 inch (15.9 mm).

Specifications: 9007 Portable Lab Dry-Well

| Specifications | |
|----------------|--|
| Range | $-40\text{ }^{\circ}\text{C}$ to $140\text{ }^{\circ}\text{C}$ at $25\text{ }^{\circ}\text{C}$ |
| Accuracy | $\pm 0.15\text{ }^{\circ}\text{C}$ |
| Stability | $\pm 0.02\text{ }^{\circ}\text{C}$ |

| | |
|-----------------------------------|---|
| Heating Times | 25 °C to 140 °C: 20 min. |
| Cooling Times | 25 °C to -40 °C: 25 min. |
| Stabilization | 10 minutes |
| Test Wells | 19 mm dia. x 152 mm deep (3/4 x 6 in) |
| Communications | RS-232 and IEEE-488 |
| Enclosure | Meets Type II, Class 3, Style D requirements of MIL-T-28800 |
| Power | 115 V ac (± 10 %), 5 A or 230 V ac (± 10 %), 2.4 A, switchable, 50/60 Hz, 560 W |
| Size (HxWxD) | 35.1 x 27.4 x 42.9 cm (13.8 x 10.8 x 16.9 in) |
| Weight | 16.3 kg (36 lb) |
| NIST-Traceable Calibration | Data at -40 °C, 0 °C, 25 °C, 75 °C, and 140 °C |

Ordering information



9007

Portable Lab Dry-Well, -40 °C to 140 °C, 1/4 in (6.36 mm) insert

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

©2025 Fluke Corporation.
Specifications subject to change without notice.
04/2025

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