

TECHNICAL DATA

9101 Zero-Point Dry-Well



Key features

- Ice-point reference without the ice
- Bath-quality stability in a portable ice-point reference
- Solid-state cooling technology.
- Comes with three test wells for multiple probe insertions, all stable to ± 0.005 °C.
- One well can accommodate changeable inserts for different probe diameters.

Product overview: 9101 Zero-Point Dry-Well

The Model 9101 takes advantage of the latest solid-state cooling technology rather than relying on older, less reliable sealed-water-cell devices. This eliminates the possibility that the sealed water cell will freeze and burst while transporting the unit to field locations. And our solid-state cooler is run by an adjustable electronic controller that can be recalibrated in your lab for convenient recertification. Simply place a certified standards thermometer in one of the wells and, if needed, tweak the 9101 controller until the standards thermometer reaches equilibrium at 0 °C.

Since the unit is completely self-contained and doesn't require any user settings, you can run it on demand for instant access to an accurate, traceable zero point. Set it up with the reference junction of a thermocouple for high-accuracy thermocouple measurements.

Less costly than refrigerated baths, more accurate and less problematic than ice baths, and more durable and better looking than competitive units using sealed-water cells, the 9101 Fluke Calibration Zero-Point Dry-Well is a great choice

for any calibration lab!

Specifications: 9101 Zero-Point Dry-Well

| Specifications | |
|-----------------------------------|---|
| Temperature Range | 0 °C (32 °F) |
| Stability | ±0.005 °C |
| Total Instrument Error | ±0.02 °C, typical; ±0.05 °C max. (18–25 °C ambient) |
| Stabilization Time | Approx. 30 minutes (the ready lamp indicates stable cool at 0 °C) |
| Temperature Coefficient | ±0.005 °C/ °C amb. |
| Size (HxWxD) | 311 x 216 x 150 mm (12.25 x 8.5 x 6 in) |
| Power | 115 VAC (±10 %), 1 A or 230 VAC (±10 %), 0.5 A, specify, 50/60 Hz, 125 W |
| Well Dimensions | 2 wells 6.4 mm dia. x 152 mm D (0.25 x 6 in), 1 well 7 mm dia. x 152 mm D (0.28 x 6 in). Includes one set of telescoping inserts to provide various smaller diameters |
| Weight | 5.4 kg (12 lb.) |
| NIST-Traceable Calibration | Data at 0 °C |

Ordering information



9101

Zero-Point Dry-Well (includes one set of telescoping inserts to provide various smaller diameters)

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