

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)

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

Fluke (UK) Ltd.
52 Hurricane Way
Norwich, Norfolk
NR6 6JB
United Kingdom
Tel.: +44 (0)20 7942 0708
E-mail: cs.uk@fluke.com
www.fluke.com

©2025 Fluke Corporation. All rights reserved.
Data subject to alteration without notice.
04/2025

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