

MODEL 9101 ZERO-POINT DRY-WELL

Range 0°C



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 control at 0°C)
Temperature Coefficient	±0.005°C/°C
Size	12.25" H x 8.5" W x 5.75" D (311 x 216 x 146 mm)
Power	115 VAC (±10%), 1 A or 230 VAC (±10%), 0.5 A, specify, 50/60 Hz, 125 W
Well Dimensions	2 wells 0.25" dia. x 6" D (6.4 x 152 mm), 1 well 0.28" dia. x 6" D (7 x 152 mm). Includes one set of telescoping inserts to provide various smaller diameters
Weight	12 lb. (5.4 kg)
NIST-Traceable Calibration	Data at 0°C

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- Bath-quality stability in a portable ice-point reference
- Easy recalibration for long-term reliability
- Ready light frees user's time and attention
- Solid-state cooling technology

Ordering Information

- 9101 Zero-Point Dry-Well
- 2130 Well-Sizing Tube Set
- 9302 Rugged Carrying Case

Have you been thinking about buying a zero-point dry-well? Forget those ugly-looking units the competition makes. Now you can get a great-looking and great-performing zero-point dry-well from Hart Scientific.

The Hart Model 9101 has three test wells for inserting more than one probe at a time. All three wells are stable to ±0.005°C. One well accommodates changeable inserts for varying probe diameters.

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 recerti-

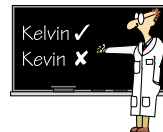
fication. Simply place a certified standards thermometer in one of the wells and, if needed, tweak the 9101 controller until the standards thermometer reaches equilibrium at 0°C.

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 Hart Model 9101 Zero-Point Dry-Well is a great choice for any calibration lab!



See page 20 for triple point of water cells.



Read about our calibration training courses on page 152.



Read about our accredited calibration services on page 156.