

9101 Zero-Point Dry-Well

Highlights

Ice-point reference without the ice

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

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

The 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.

Description

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

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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 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.)

Models and Accessories

Model Name	Description	
9101	Zero-Point Dry-Well (includes one set of telescoping inserts to provide various smaller diameters)	
	Accessory	Description
	G3P9101-STD	Three-year Gold CarePlan with annual standard calibration, Instrument covered: 9101, ZERO POINT DRYWELL
	G5P9101-STD	Five-year Gold CarePlan with annual standard calibration, Instrument covered: 9101, ZERO POINT DRYWELL
	GCP9101-STD	One-year Gold CarePlan with annual standard calibration, Instrument covered: 9101, ZERO POINT DRYWELL
	S3P9101-STD	Three-year Silver CarePlan with annual standard calibration, Instrument covered: 9101, ZERO POINT DRYWELL
	S5P9101-STD	Five-year Silver CarePlan with annual standard calibration, Instrument covered: 9101, ZERO POINT DRYWELL
	SCP9101-STD	One-year Silver CarePlan with annual standard calibration, Instrument covered: 9101, ZERO POINT DRYWELL

Accessories common to all models:

Accessory	Description
2130	Spare Well-Sizing Tube Set
9325	Rugged Carrying Case



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