

Fluke Calibration 9102 Handheld Dry-Well



Nøglefunktioner

- Temperature ranges from -10°C to 375°C .
- Accuracy to $\pm 0.25^{\circ}\text{C}$, with stability of $\pm 0.05^{\circ}\text{C}$ at 0°C .
- Equipped with an RS-232 interface for connectivity.

Produktoversigt: Fluke Calibration 9102 Handheld Dry-Well

9102S Dry-Well

For work in the temperature range of -10°C to 122°C , 9102S dry-well is another first in the industry, featuring stability to $\pm 0.05^{\circ}\text{C}$.

This dry-well is only four inches high and six inches wide, achieves temperatures as low as -10°C , includes a NIST-traceable calibration, and is stable to $\pm 0.05^{\circ}\text{C}$. The Model 9102S is excellent for dial gauges, digital thermometers, bulb switches, and other sensors that need calibration below ambient.

The 9102S has two wells so you can use one for a reference thermometer to increase accuracy. Both wells are 1/2 inch in diameter, and each has inserts available for almost any sensor size.

Specifikationer: Fluke Calibration 9102 Handheld Dry-Well

Specifications	9100S	9102S
Range	35°C to 375°C (95°F to 707°F)	-10°C to 122°C (14°F to 252°F) at 23°C ambient
Accuracy	±0.25°C at 50°C; ±0.25°C at 100°C; ±0.5°C at 375°C	±0.25°C
Stability	±0.07°C at 50°C; ±0.1°C at 100°C; ±0.3°C at 375°C	±0.05°C
Well-to-well uniformity	±0.2°C with sensors of similar size at equal depths within wells	
Heating times	35°C to 375°C: 9.5 minutes	Ambient to 100°C: 10 minutes
Stabilization	5 minutes	7 minutes
Cooling times	375°C to 100°C: 14 minutes	Ambient to 0°C: 10 minutes
Well depth	102 mm (4 in); 1.6 mm (1/16 in) hole is 89 mm (3.5 in) deep	102 mm (4 in)
Removable inserts	N/A	Available in sizes from 1.6 mm (1/16 in) to 11.1 mm (7/16 in) [6.4 mm (1/4 in) and 4.8 mm (3/16 in) included]
Power	115 V AC (±10%), 55–65 Hz, 1.5 A or 230 V AC (±10%), 0.8 A, 45–55 Hz, 175 W	94-234 V AC (±10%), 50/60 Hz, 60 W; or 12 V DC
Size (H x W x D)	57 x 125 x 150 mm (2.25 x 4.9 x 6.1 in)	99 x 140 x 175 mm (3.9 x 5.5 x 6.9 in)
Weight	1 kg (2 lb 3 oz)	1.8 kg (4 lb)
Computer interface	RS-232 included	
NIST-traceable calibration	Data at 50°C, 100°C, 150°C, 200°C, 250°C, 300°C and 375°C	Data at -10°C, 0°C, 25 °C, 50°C, 75 °C, 100°C and 122°C

Modeller



9102S

HDRC Handheld Dry-Well

9102S

HDRC Handheld Dry-Well

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

Fluke Danmark A/S
c/o Radiometer Medical ApS
Åkandevej 21
2700 Brønshøj
Danmark
Tlf.: 70 23 58 53
E-mail: cs.dk@fluke.com
www.fluke.dk

©2025 Fluke Corporation. Alle rettigheder
forbeholdes.
Oplysningerne kan ændres uden forudgående
varsel.
04/2025

**Ændringer i dette dokument er ikke tilladt uden
skriftlig tilladelse fra Fluke Corporation.**