

WeldProbe Pressure Calibrator

WP9000

PRESSURE RANGES TO 5,000 PSI

RUGGED, EASY TO USE

NIST TRACEABLE ACCURACY 0.5%

RELIABLE, REPEATABLE RESULTS

NEMA 4 AND CE RATED



The WeldProbe Pressure Calibrator is a rugged, hand-held instrument for accurately calibrating the pressure in your resistance weld cylinder. For air, air-over-oil, or hydraulic cylinders—the WP9000 can be used to set up or diagnose resistance weld machines to ensure the proper force is being applied to those critical welds. This device helps to comply with ISO9000 or QS9000 quality standards by taking the guesswork out of weld setup.

The WeldProbe is designed for long life in the harsh welding environment by using SENSOTEC's standard fully-welded pressure transducer construction and NEMA 4 electronic packaging. The easy-to-use design includes a simple push-button format and a large LCD display that provides both continuous and peak (MAX) pressure values in keypad-selectable engineering units.

High-speed digital electronics sample pressure readings during the squeeze-weld-hold sequence and capture the peak pressure for display. A simple, one-button CLEAR prepares the instrument for the next reading. Two standard 9-volt batteries provide 80 hours of continuous use. Battery life is maximized with a programmable power-off feature.

Specifications

Model WP9000

PERFORMANCE

Capacities	0-100, 500, 1000, 2000, 5000 psi
Accuracy	0.5%
Output	4-digit LCD display
Sampling rate	19.2 kHz internal; 24 Hz display update
Battery life (continuous).....	80 hours with two 9-volt alkaline batteries (includes programmable auto-off feature)
Display	Selectable engineering units

ENVIRONMENTAL

Package	All-welded pressure transducer, NEMA 4 electronics
Temperature, Operating.....	30° F to 140° F
Approvals.....	CE rated for EMC environments

How to Order

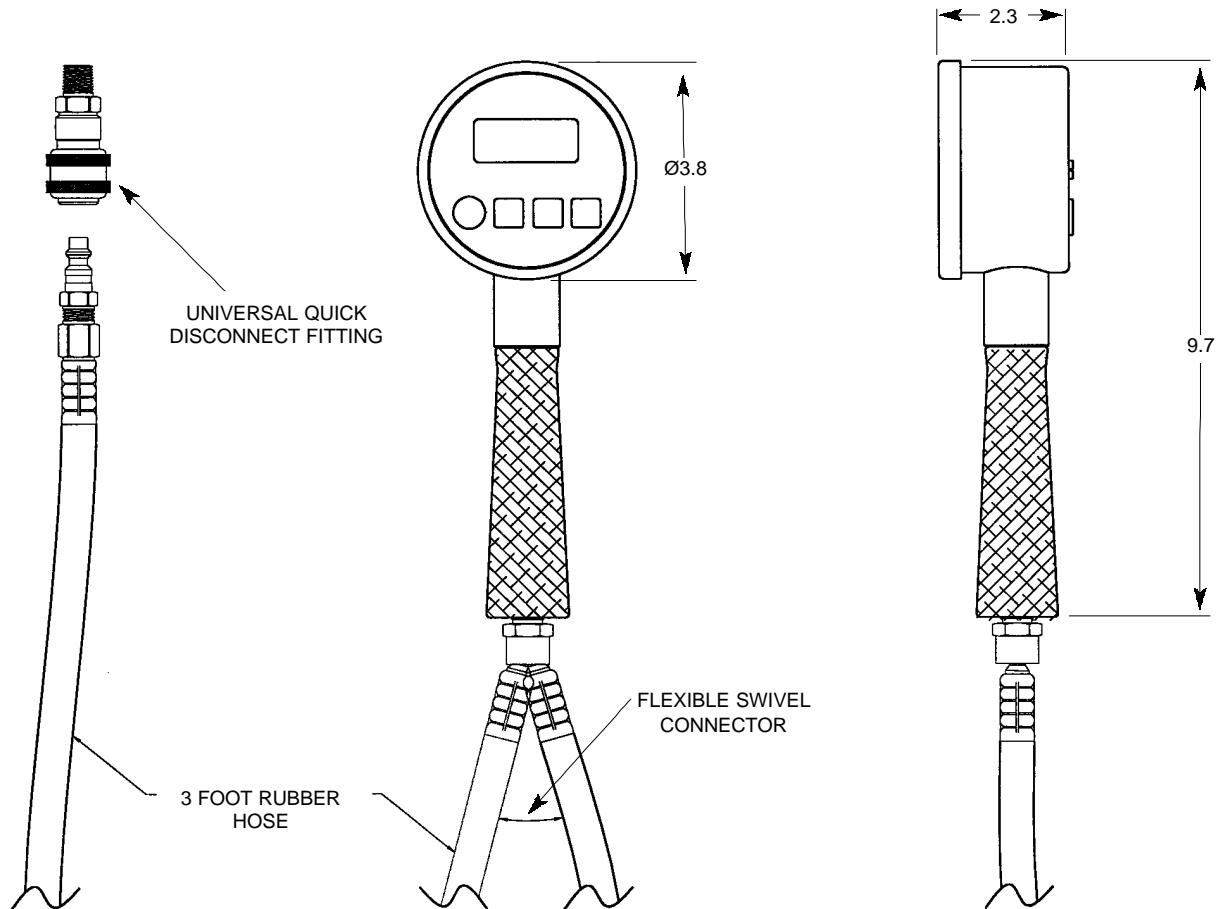
Model WP9000

Order Code: AW512

Capacity

100 psi
500 psi
1000 psi
2000 psi
5000 psi

BR
CR
CV
DL
DR



Operating Sequence

1. Depress ON/OFF button to power up unit.
2. Press and hold ZERO button to zero display.
3. Insert quick disconnect fitting and take pressure reading.
4. Toggle MIN/MAX button to read MAX (or peak) pressure value.
5. Press CLEAR to reset the MAX value in preparation for next reading.