



Advanced Products Group

A Division of Welding Technology Corporation

WeldProbe Force Calibrator WP9000

FORCE RANGES TO 10,000 LBS.

RUGGED, EASY TO USE

NIST TRACEABLE ACCURACY 0.5%

RELIABLE, REPEATABLE RESULTS

WELD THROUGH IT



The WeldProbe is a rugged, hand-held instrument for accurately calibrating weld electrode force on resistance welding machines. This device helps ensure compliance with ISO 9000 or QS 9000 quality requirements by taking the guesswork out of setup. Measuring accurate force levels at the electrode tips helps eliminate inaccuracies of line-pressure readings, air cylinder friction, and mechanical wear.

The WeldProbe is designed for long life in the harsh welding environment by using Sensotec's standard fully-welded load cell 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) force values in keypad-selectable engineering units.

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

Specifications

Model WP9000

PERFORMANCE

Capacities	0-500, 2000, 5000, 10,000 lbs.
Overload	150%
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 (lbs., Kg, N)

ENVIRONMENTAL

Package	All-welded load cell, NEMA 4 electronics
Operating Temperature	30° F to 140° F
Weld current	Survives accidental current discharge
Approvals	CE rated for EMC environments

24775 Crestview Court, Farmington Hills, MI 48335 USA

Phone: 248 / 477 - 3900 • Fax: 248 / 477 - 8897 • www.weldtechcorp.com

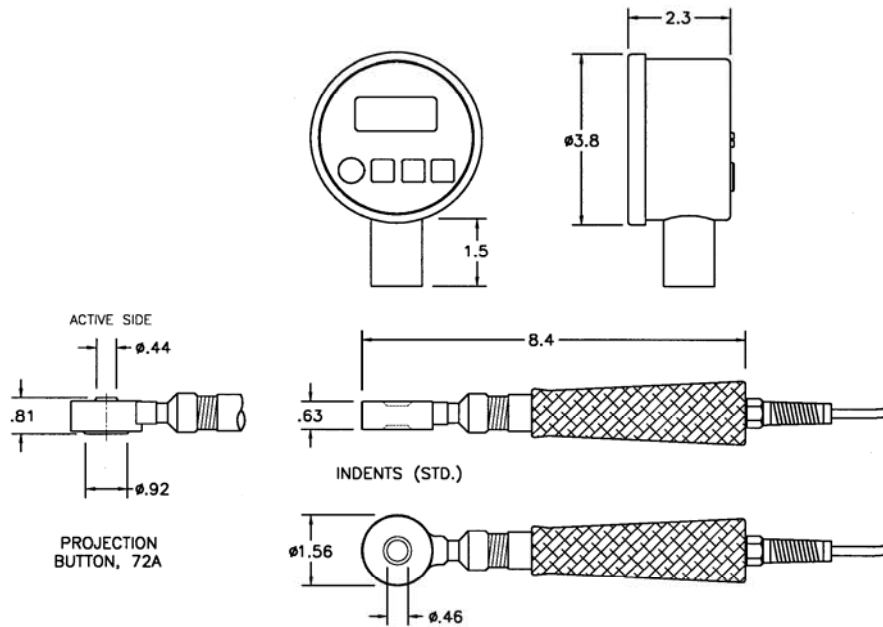
How to Order

Order Code: , ,

Model WP9000
 One-handed: AW521
 Two-handed: AW511

Capacity
 500 lbs. CR
 2000 lbs. DL
 5000 lbs. DR
 10,000 lbs. DV

Head Configuration
 Indents (standard)
 Projection Button 72a



Operating Sequence

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

©1999 SENSOTEC, INC.
 All rights reserved. Printed in USA

SENSOTEC®