

This hand-held, battery operated tachometer incorporates the latest single chip micro-circuit technology for high reliability and low maintenance. Capable of measuring and retaining RPH, RPM, FPH, FPM and MPH. Standard accessories include: 3-1/2" (89 mm) extension shaft, one funnel and two cone adapters, master wheel (6" / 152 mm) and carrying case.

- ▶ Quickly and accurately obtain wire speed measurement at the torch
- ▶ Rugged die cast aluminum construction with Delrin wire guide head
- ▶ Displays wire speed with automatic floating decimal point
- ▶ Large 13 test memory capacity selectable to 5 minutes or more
- ▶ Handles wire diameters from 0.030 – 0.125 (0.8 – 3.2 mm)

SPECIFICATIONS

- ▶ **Display Range:** 0.10 – 25,000 RPM with floating decimal
- ▶ **Accuracy:** ±0.06 RPM – 0.10 to 999.99 RPM
±0.6 RPM – 1,000.0 to 9,999.99 RPM
±0.006% of Reading ±1 digit (or ±2 RPM max)
10,000 – 25,000 RPM
- ▶ **Display:** 5-digit 0.047" (12 mm) high LCD
- ▶ **Measuring Units:** Revolutions: RPM, RPH
Wire Feed: IPM, FPM, YPM, FPH, YPH
Miles: MPH
- ▶ **Memory System:** 13 readings are stored and retained for five minutes (last, max, min, plus ten extra measurements)
- ▶ **Detection:** Optical coupler with 80 pulse/rev
- ▶ **System Control:** Single chip, C-MOS microprocessor
- ▶ **Over Range Indicator:** Flashing Numerals
- ▶ **Update Time:** One second (typical)
- ▶ **Battery Size and Life:** Two AA 1.5 V for approximately 65 hours
- ▶ **Operating Temperature:** 32° – 113° F (0° – 45° C)
- ▶ **Construction:** Die cast aluminum housing
- ▶ **Dimensions:** 7.2" x 2.4" x 1.8" (182.5 mm x 60 mm x 45.7 mm)
- ▶ **Warranty:** One year



*Wire Feed
Sensor
HHSS-12*



*HHSS-12 obtaining
measurement at
the torch end*

The electronic Wire Wizard™ **Wire Draw Gauge** is designed to accurately measure the draw or resistance weight of all diameters of weld wire pulling through a conduit, allowing the operator to determine the amount of strain the wire is creating on the feed motor. Hand-held, battery powered (9 V).

- ▶ Capable of averaging 10 pulls of wire, storing the largest draw
- ▶ Measures in English or metric at the touch of a button
- ▶ Easy to read 5-digit LCD display
- ▶ Ergonomic plastic housing with standard storage case
- ▶ Max pull weight: 12 lb (5.4 kg)

SPECIFICATIONS

- ▶ **Display Range:** 0.1 oz – 12 lbs (2.8 g – 5.4 kg)
- ▶ **Accuracy:** 0 – 5 lbs / ±0.1 oz (0 – 2.2 kg / ±2 g); 5 – 12 lbs / ±0.5 oz (2.2 – 5.4 kg / ±10 g)
- ▶ **Display:** 5-digit 0.047" (12 mm) high LCD
- ▶ **Measuring Units:** English and Metric
- ▶ **Battery Size and Life:** One 9 V with auto shut off
- ▶ **Operating Temperature:** 32° – 104° F (0° – 40° C)
- ▶ **Construction:** Ergonomic plastic housing
- ▶ **Weight:** 7.5 oz (212.6 g)
- ▶ **Dimensions:** 7.2" x 2.6" x 1.1" (182.9 mm x 66 mm x 27.9 mm)
- ▶ **Warranty:** One year



Wire Draw Gauge
WWPT

Wire Draw Gauge in use

OPERATING INSTRUCTIONS

1. Attach wire by wrapping securely around eye hook.
2. Press READY button and wait for “beep” before proceeding.
3. Hold conduit in one hand, WWPT DRAW GAUGE in the other. Pull wire with a slow steady draw, extending your arm as far as it will reach. Release pressure and detach wire. Repeat steps 1 and 2 approximately three to five times. Press AVG button for lbs/gm reading. The more pulls, the better the average.
4. Press CLR to clear reading.