



# T.J. SNOW CO.

## PORTABLE RESISTANCE WELD ANALYZER

### Weld Scope WS-80

The WS-80 monitors the secondary current and cycle time of resistance welders during the welding cycle. The results are shown on a fluorescent display and can be sent to the included printer in both numeric and waveform format. The internal memory stores up to 800 data items measured consecutively. Any measurements that exceed the specified range are reported by visual alarm, buzzer sound, and a relay output.



<b>INCLUDED:</b>
<b>1 Toroidal coil - model 1B8L</b>
<b>1 Power Cord</b>
<b>1 Recording Paper Roll</b>

## SPECIFICATIONS:

### Monitor:

- Single Phase AC Spot and Seam Welders
- Three Phase Frequency Converter & DC
- Capacitor Discharge Welders
- Inverter Welders

### Detection Ranges:

- Current - 0.5 to 100KA
- Weld Time - 1 to 99 Cycles
- Conduction Angle - 30 to 180 Degrees
- Voltage - 0 to 9.99V

### Detection Mode:

- Impulse
- Seam
- Continuous
- Capacitor Discharge

### Printer:

- Built-in thermal printer, capable of printing time-stamped weld data and waveforms.

### Other:

- Power Source 120VAC
- Fluorescent Graphic Display
- Dimensions: 9.44" (W) x 11.44" (H) x 7" (D)
- Weight: 16lbs

### Display:

- Waveform - Displays current waveform.
- History - Stores **800** welds.
- Numeric - Display current, weld time and conduction angle in an easy to read format.
- System - Used to modify setup and configuration parameters.

### Inputs:

- Pressure Signal
- (4) Binary Select (Schedule Selection)
- Voltage (Cables Not Included)

### Outputs:

- Weld Start
- Good / No Good
- Current Waveform
- Voltage Waveform
- RS-232

**Note:** Weldscope WS-80 is a plug-in unit that requires an outlet within range of its power cord. For a battery powered hand-held device, T.J. Snow suggests and stocks the Miyachi MM-315A.