



T. J. SNOW CO., INC.

Resistance Welding Machinery & Supplies
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Industrial Water Chillers



Hand Held Weld Scope

Weld Scope WS-100

The WS-100 monitors the secondary current and cycle time of resistance welders during the welding cycle. The results are shown on a LCD display and can be sent to a computer using included USB cable. The internal memory stores about 10,000 weld points.

Specifications:

Monitor:

Single Phase AC
Single Phase Rectifier
Three Phase Rectifier
MFDC
50/60 Hz

Detection Ranges:

Current – AC: 0.6A to 50kA, DC: 1A to 50kA
Weld Time – 0.5 to 99 cycles
Phase Range - 30° to 180°
Pressure – 0.5N to 10kN

PC Communication Interface:

USB Type B (PC connection cable is TypeB-TypeA)

Recharging Information:

Battery type – 4 Ni-MH batteries (AA size)
Charging Unit – AC Adapter
Input: AC 100~240V50/60HZ
Output: DC9V 1.3A Charging Time
– 3.5 hours Continuous Operation
Time: 8 hrs



Included:

1 Toroidal Coil,400mm – part # 1B4S3UL
1 AC Adapter
1 USB Cable
1 Impact Case
1 Instruction Manual
1 WDM Software with Instructions

Display:

Waveform – Displays current waveform.
History – Stores about 10,000 welds.
Numeric – Displays current, weld time and phase angle in an easy to read format.
System – Used to modify setup and configuration parameters.

Maximum Storage Data:

Avg. RMS current and time: 10,000 weld points
RMS current of each cycle: 50 weld points
Waveform: 3 weld points

Other:

LCD Display
Dimensions: 6.3”(W) x 3.4”(D) x 1.3”(H)
Weight: 1 lb.

Additional Options:

Toroidal Coil,800mm – part # 1B8S3UL
Pressure Sensor – part # F10kN-DG

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