WA1 Weld Analyzer

Features
- Intuitive, flexible interface
- LCD 128 x 64 pixels FSTN with yellow/green backlight
- Embossed disc tactile keypad with antiglare display window
- Auto power-off
- Large choice of coils
- AC or MFDC operation
- NAMAS calibration certification
- PC/printer connection
- Includes 6” flexible coil, batteries and carrying case

Options
- Flexible coil – 3” or 12” diameter with 6.5’ lead
- Battery charger & NiMH batteries

One Year Warranty
**WA1 Weld Analyzer Specifications**

The Weld Analyzer offers the engineering professional the facilities to analyze, fault-find and improve process quality on today’s sophisticated welding control systems. Full NAMAS traceability gives you the confidence in your processes that your customers demand.

**Power Source:**
- 3 AA batteries

**Display:**
- 128 x 64 pixels FSTN transflective with yellow/green backlight

**Current Range:**
- 2.00 to 60.00 kA

**Current Duration:**
- 9999 cycles (AC)
- 199.9 seconds (DC)

**Monitored Parameters:**
- **Current**
  - peak RMS
  - average RMS
  - lowest RMS
  - accuracy +/- 2% of full scale
  - measures and displays values for each + and - ½ cycle
- **Time**
  - total weld time
  - any pulse time
  - number of pulses
  - accuracy +/- 0
- **Conduction Angle**
  - average conduction angle
  - conduction angle of every sample
  - accuracy ± 4°
- **Position**
  - position of monitored parameter in weld pulse train

**Programmable Parameters:**
- **AC**
  - frequency
  - blanking
  - weld capture
- **DC**
  - current threshold
  - blanking
  - weld capture

**RS232 Communications:**
- 19200 baud/8 data bits/no-parity/1 stop bit

**Dimensions:**
- 3-3/8” w x 1-1/8” d x 6-3/4” h; 1 lb. including batteries

**Display Examples**

**AC**

<table>
<thead>
<tr>
<th>Display</th>
<th>Data</th>
<th>Detail</th>
<th>Setup</th>
</tr>
</thead>
<tbody>
<tr>
<td>[10.00 kA]</td>
<td>[10.00]</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>100</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DC**

<table>
<thead>
<tr>
<th>Display</th>
<th>Data</th>
<th>Detail</th>
<th>Setup</th>
</tr>
</thead>
<tbody>
<tr>
<td>[10.00 kA]</td>
<td>[10.00]</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>100</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**T. J. SNOW CO., INC.**

1-800-NOW-SNOW

http://www.tjsnow.com