

# ENTRON™

## WA1 Weld Analyzer



- *Easy to Use*
- *Easily Legible in All Lighting Conditions*
- *Positive Keypad Action*
- *Suitable for Various Applications*
- *Reads Waveforms from 50 Hz upwards*
- *Traceable Accuracy*
- *Data Archiving*
- *Small and Lightweight allowing for Easy Portability*

### 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 transfective 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 - 1/2 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**

**Display**

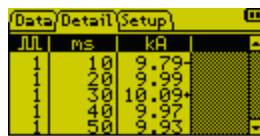
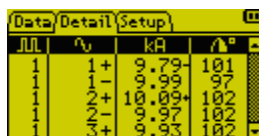
**AC**

**DC**

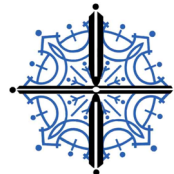
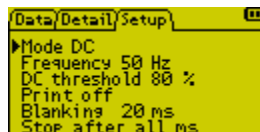
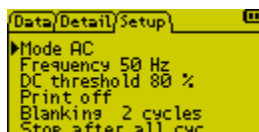
**Data**



**Detail**



**Setup**



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**ENTRON™**

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