

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
- Large choice of coils
- LCD 128 x 64 pixels FSTN with yellow/green backlight
- AC or MFDC operation
- Embossed disc tactile keypad with antiglare display window
- NAMAS calibration certification
- Auto power-off
- 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: 3-3/8Ow x 1-1/8Od x 6-3/4Oh; 1 lb. including batteries



Display Examples

Display

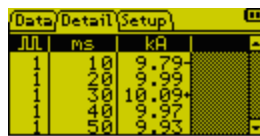
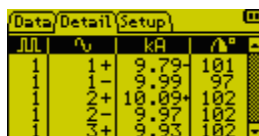
AC

DC

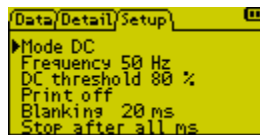
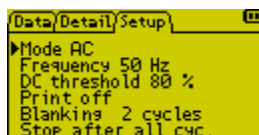
Data



Detail



Setup



Distributed by:

ENTRON™

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