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 ± 4º

- **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 Examples**
  - **AC**
    - **Data**
      - 10.00
      - 10.0
    - **Detail**
      - 1: 3.74
      - 2: 3.86
      - 3: 3.87
    - **Setup**
      - Mode AC
      - Frequency 50 Hz
      - DC threshold 88 %
      - Print off
      - Blanking 2 cycles
      - Stop after all cycles
  - **DC**
    - **Data**
      - 10.00
      - 10.0
    - **Detail**
      - 1: 3.74
      - 2: 3.86
      - 3: 3.87
    - **Setup**
      - Mode DC
      - Frequency 50 Hz
      - DC threshold 88 %
      - Print off
      - Blanking 20 ms
      - Stop after all ms

Distributed by:

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RWMA MEMBER