

WA2 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

- Calibration certification
- USB connection
- Includes 6" flexible coil, batteries and carrying case
- Integrator output for oscilloscope connection
- WA Terminal software

Options

- Flexible coil 3" (P/N 313027) or 12" (P/N 313021) diameter with 6.5' lead
- Attenuator range multiplier for up to 300kA (P/N 316009)
- Extension cable 10 meters (P/N 316010)



WA2 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 traceability gives you the confidence in your processes that your customers demand.



Power Source: Rechargeable NiMH

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 Time

peak RMS total weld time
average RMS any pulse time
lowest RMS number of pulses
accuracy +/- 2% of full scale accuracy +/- 0
measures and displays values for each + and - ½ cycle

Position

position of monitored parameter in weld pulse train

Programmable Parameters: AC DC

frequency current threshold blanking blanking weld capture weld capture

USB Drivers: www.ftdichip.com/Drivers/VCP.htm

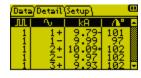
Dimensions: 3-3/8" w x 1-1/8" d x 6-3/4" h; 1 lb. including batteries

Conduction Angle

average conduction angle conduction angle of every sample accuracy $\pm 4^{\circ}$



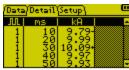
Display Examples



Setup
Setup
Frequency 50 Hz
DC threshold 80 %
Print off
Blanking 2 cycles

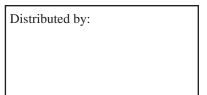
Detail





(Data/Detail)Setup\

Mode DC
Frequency 50 Hz
DC threshold 80 %
Print off
Blanking 20 ms
Stop after all ms



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