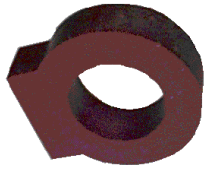




www.bfentron.co.uk

solid or flexible toroids



PC/ printer connection



NAMAS traceable calibration certificate



powered by 3 x AA cells



WA1 Weld Analyser

data sheet



Take a closer look at your welding

The Weld Analyser offers the engineering professional the facilities to analyse, 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.

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 toroids
- AC or MFDC operation
- NAMAS calibration certificate
- pc/printer connection
- small and lightweight

benefits

- easy to use
- easily legible in all lighting conditions
- positive keypad action
- extends battery lifetime
- suitable for almost any application
- reads waveforms from 50Hz upwards
- traceable accuracy
- data archiving
- easily portable

includes 150 mm flexible toroid, batteries and carrying case

options

- flexible toroid 75 or 300 mm diameter with 2 m lead
- solid toroid 45, 120 or 300 mm diameter with 2m lead
- battery-powered printer
- battery charger & NiMH batteries



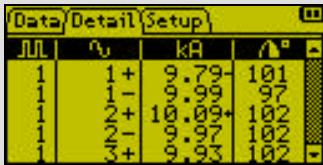
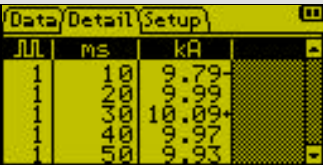
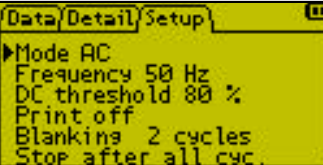
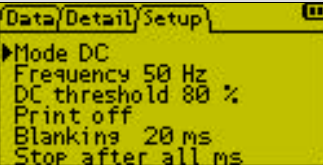
WA1 Weld Analyser

data sheet

power source		3 AA batteries		
display		128 x 64 pixels FSTN transfective with yellow/green backlight		
ranges	current	0.00 to 60.00 kA		
	duration	9999 cycles (AC) 199.9 seconds (DC)		
monitored parameters	current	peak RMS average RMS lowest RMS +ve or -ve ½ cycles (AC) accuracy +/- 2% of full scale		
	time	total weld time any pulse time number of pulses accuracy +/- 0		
	conduction angle	average conduction angle conduction angle of every sample accuracy +/- 5 degrees		
	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		85w x 30d x 170h mm 500g including cells		

item	part numbers
WA1 with 150 mm toroid	03-10-10
serial printer cable	90-90-19
serial PC cable	90-90-20
battery set	90-90-56
NiMH batteries and charger	90-90-57
flexible toroid	296557 75 mm, 2 m lead 296558 150 mm, 2 m lead 296559 300 mm, 2 m lead 90-90-02-07 6 m extension lead (specification 150 mV/1000 A)
solid toroid	03-50-04 45 mm, 2 m lead 03-50-03-01 120 mm, 2 m lead 03-50-03 300 mm, 2 m lead 90-90-02-07 6 m extension lead (specification 1.4 V/1000 A)
manual	91-00-00-00-42

example displays

display	AC	DC
data		
detail		
setup		

Information in this document is subject to change without notice.

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