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

features	benefits
intuitive, flexible interface	easy to use
LCD 128 x 64 pixels FSTN with yellow/green backlight	easily legible in all lighting conditions
embossed disc tactile keypad with antiglare display window	positive keypad action
auto power-off	extends battery lifetime
large choice of toroids	suitable for almost any application
AC or MFDC operation	reads waveforms from 50Hz upwards
calibration certificate	traceable accuracy
USB connection	data archiving
small and lightweight	easily portable
integrator output	oscilloscope connection
WA Terminal software	data archiving

includes Ø 150 mm flexible toroid, batteries and carrying case

options

flexible toroid ∅ 75, 150 or 300 mm with 2 m lead

attenuator module for measuring currents up to 240kA
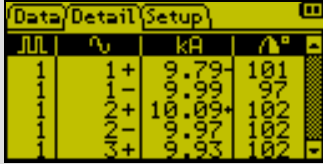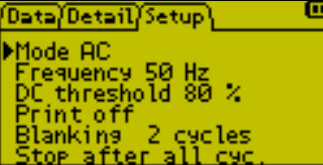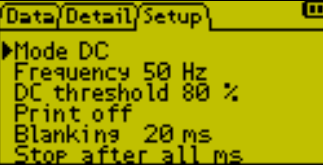
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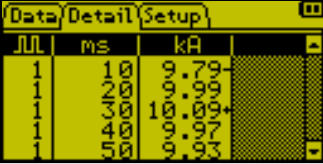|		
power source		rechargeable NiMH
display		128 x 64 pixels FSTN transflective with yellow/green backlight
ranges	current	2.00 to 60.00 kA (up to 240 kA with optional attenuator module)
	duration	9999 cycles (AC) 199.9 seconds (DC)
monitored parameters	current	peak RMS average RMS lowest RMS +ve or –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 ± 4°
	position	position of monitored parameter in weld pulse train
programmable parameters	AC	frequency blanking weld capture
	DC	current threshold blanking weld capture
USB drivers		www.ftdichip.com/Drivers/VCP.htm
dimensions		85w x 30d x 170h mm 500g including cells

item	part numbers
WA2 with Ø 150 mm toroid	03-10-20
NiMH batteries and charger	90-90-57
flexible toroids	W296557 ⌀ 75 mm, 2 m lead W296558 ⌀ 150 mm, 2 m lead W296559 ⌀ 300 mm, 2 m lead 90-90-02-07 6 m extension lead (specification 150 mV/1000 A)
attenuator module	90-90-62
manual	91-00-00-00-42

example displays

display	AC	DC
data		
detail		
setup		

Information in this document is subject to change without notice.