



Weld Analyser – AC / DC NWA 4000 – V1



The **NASH Weld Analyser** is a microcontroller Based Compact, lightweight, hand-held, battery powered unit designed for comprehensive real time monitoring of Resistance Welds.

The units are capable of monitoring AC & DC TRUE RMS current, conduction angle for each half cycle.

Specifications -

Main Features Weld Analyser NWA 4000 – V1 (AC/DC)	
Range	2 to 60 KA
Power Source	3.7V 3000mAh Battery
Low battery warning	Available
Auto power off	Available
Charging Indicator	Available
Display	128 X 64 pixel graphic LCD with backlight
Keypad	A simple keypad to configure the unit for detailed analysis of the weld.

Monitoring Parameters	
Current	Avg. RMS Secondary Current (KA)
Time	Weld time in cycles / milliseconds
	Pulse time in cycles / milliseconds
	Number of pulses
Conduction angle	Average Conduction angle in degrees Conduction angle of any half cycle in degrees
Pulse Count	Number of pulses
Spot Count	Number of welds performed
Cycles	Analysis of secondary current for any number of cycles of the complete weld (start = xx.x,end = xx.x)
	Analysis of secondary current for positive(+) & negative(-) 1/2 cycles.

Programmable Parameters	
Welding Method	(AC/DC)
Measurement unit	cyc/ms(for DC)
Line frequency	50Hz/60 Hz(for AC)
Impulse	1 to 9
Measurement start cycle	0.5 to 99.5
Measurement end cycle	0.5 to 99.5
Wait time for multi-pulse welding	1 - 99 cycle

Other Features	
Counter	Available
Charger Specification / Battery Capacity	Internal Rechargeable Battery. Mobile type Charger (Plugin) Battery capacity – 3000 mAh
Calibration Agency	High Current Tester
Calibration Frequency	Yearly
Accessories supplied with the equipment	Weld Analyser, Toroidal Coil, Charger, Carry Case.

NASH reserves the right to change specifications and appearance without prior notice.

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