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| WA2 Weld Analyzer  data sheet | |
| Take a closer look at your welding  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. | |
| 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 **** 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 ± 4º |
| 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](http://www.ftdichip.com/Drivers/VCP.htm) |
| dimensions | | 85w x 30d x 170h mm  500g including cells |

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| item | part numbers |
| WA2 with ****  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 |

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| example displays | | | | | | |
| display | AC | | | DC | | |
| data |  | | |  | | |
| detail |  | | |  |  |  |
| setup |  |  |  |  |  |  |

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