






WA2 Weld Analyzer

Keypad operations

Key	Function			
	Data	Detail	Setup	File
	power on / off			
	backlight on / off			
	previous / next pulse	scroll up / down	previous / next parameter	
	n/a	goto start/end when used with scroll keys	decrease / increase value	
	go to next display / confirm			

USB connection

USB 2.0 port
USB A to USB mini B cable

The USB device is provided by Future Technology Devices International Ltd. and Windows drivers are included on the WA2 Manual/Software CD. Updated drivers and drivers for Mac OS and Linux can be found on the FTDI website: <http://www.ftdichip.com/Drivers/VCP.htm>.

Check for updated drivers and install the driver for your system by following the appropriate installation guide: <http://www.ftdichip.com/Support/Documents/InstallGuides.htm>.

Specifications

LCD	128 x 64 pixels FSTN transfective with yellow/green backlight
Keypad	Embossed disc tactile switches with antiglare display window
Maximum Weld Current	60 kA
Maximum Weld Time	9999 cycles (AC) or 199.9 seconds (DC)
Maximum Capture	300 ½ cycles (AC) or 3 seconds (DC)
Conduction Angle	0° to 180° ± 4° (AC)
Battery Life	6 hours continuous with NiMH batteries
Auto Power-off	10 minutes
Dimensions	3-3/8" w x 1-1/8" d x 6-3/4" h
Weight	1 lb. including batteries

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WA2 Weld Analyzer Concise Manual 700228

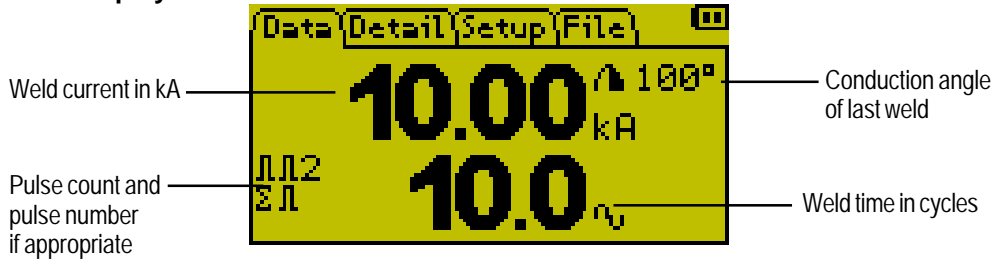


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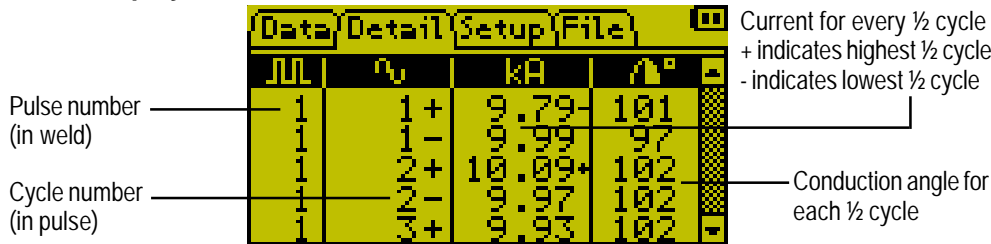
ENTRON Controls, LLC.
1402 S. Batesville Road
Greer, SC 29650
(864) 416-0190
FAX (864) 416-0195
www.entroncontrols.com

AC Operation on WA2 Weld Analyzer

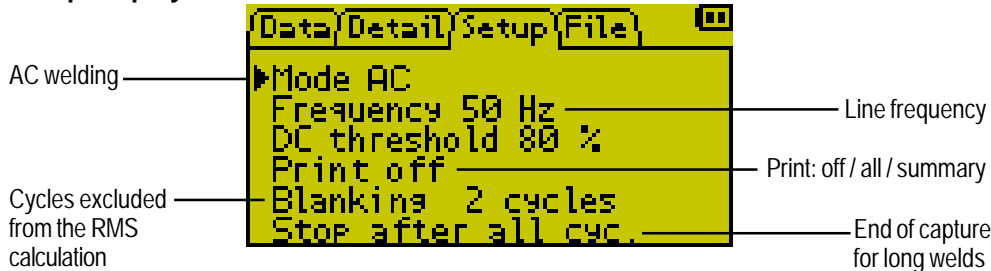
Data Display



Detail Display



Setup Display

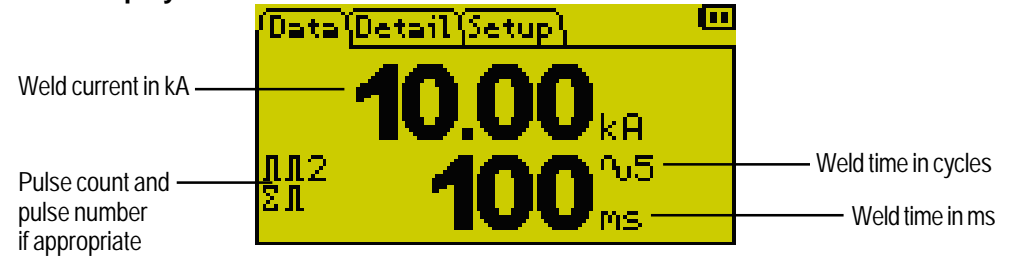


Setup notes

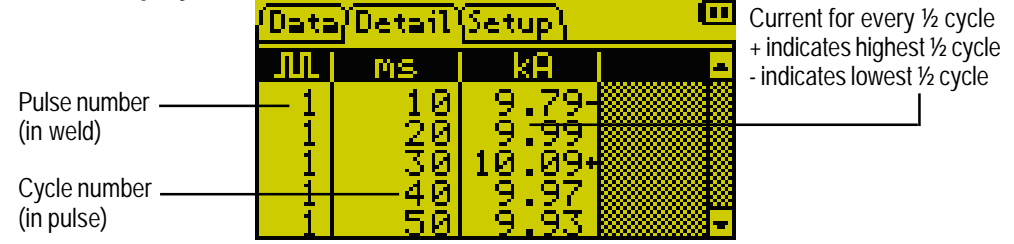
- **Mode** should be set to the type of welding current – AC or DC.
- **Frequency** should be set to the supply frequency – 50 or 60 Hz (AC welding only).
- **DC threshold** readings below this percentage of the maximum current will be excluded from the RMS and duration calculations (DC welding only).
- **Print via PC**
off – no printing; **all** – prints every ½ cycle (AC) or 10 ms (DC) reading; **summary** – prints average current and duration for each weld pulse.
 USB driver – www.ftdichip.com/Drivers/VCP.htm
- **Blanking** is the number of cycles/ms after the start of the weld that will be excluded from the RMS calculation.
- **Range** determines the maximum current that can be measured.
- **Auto shutdown** enables or disables power saving mode.
- **Stop after nn cycles/ms** can be used to capture a specific section of a long weld. If the weld is longer than this parameter, a **⏸** symbol will be shown alongside the weld time.

DC Operation on WA2 Weld Analyzer

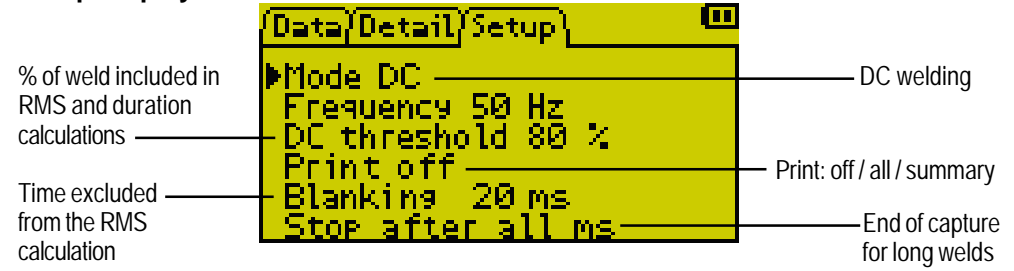
Data Display



Detail Display



Setup Display



File operation

