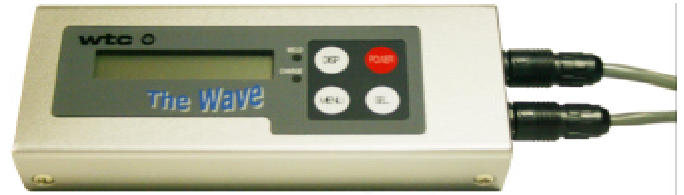




The Wave

The Wave is a new concept in weld current monitors:

- Compact
- Wireless (Bluetooth™) Connectivity
- USB Interface
- PC Data Collection and Analysis

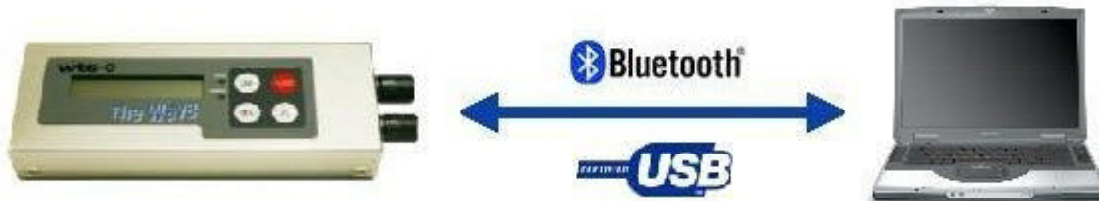


Features

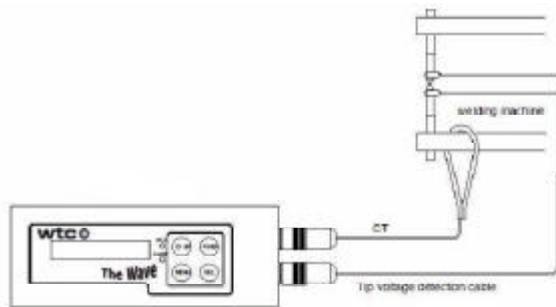
- Measures AC, MFDC Inverter, AC Inverter weld current, voltage and time
- Selectable time measurement: cycle or msec.
- Automatic collection and storage of 10,000 weld data-points
- Anytime data monitoring
- Durable and Flexible current coil and voltage leads



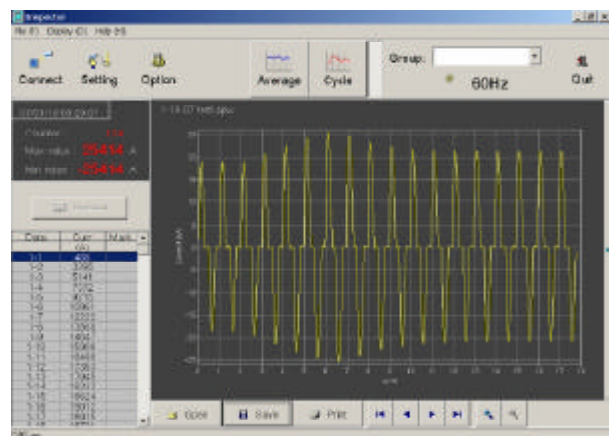
6" Diameter Current Coil



PC Connectivity Via Bluetooth or USB Interface



Typical Hook-up Example



"Inspector" PC Data Analysis Software



The Wave

Weld Current Monitor

Size:	2.283"H x 5.748"W x .866"D (58mm x 146mm x 22mm)	
Weight:	0.5 Lbs (170g)	
Battery operating time:	8 hours, continuous	
Power Consumption:	Typical: 63mA Maximum: 115mA	Power Supply: Li-ion Battery
Temperature: 0 - 40°C	Humidity: 10-90%	
Interface:	USB Rev 1.1 or Bluetooth™ ver 1.1 (Radio range 30ft)	
Measurement target	50/60Hz AC - Inverter MFDC - Inverter	Weld current, Weld Time Tip voltage Tip resistance (PC only)
Measurement method	Detect by CT coil at secondary	
Data	Average current, voltage, resistance (10000 units of data storage) Each cycle (or msec) current, voltage, resistance (20 units of data storage) Wave data for current (1 units of data storage)	
Range	Weld current	Lo: 2.5 – 19.99kA Hi: 10.00 – 49.99kA
	Weld Time	Cycles: 0-5–99.5cycle Msec: 1-1999msec
	Tip voltage	0.0 – 4.99 V
	Tip resistance	1 – 2000μOhm
Accuracy	Weld current: Tip voltage: Tip resistance:	±2%FS ±5%FS ±5%FS
Measurement Trigger	Automatic trigger by weld current.	
Function	Weld method: Frequency: Range: Start cycle: End cycle: Auto power off:	AC/DC 50 / 60Hz Lo / Hi 0.5 – 9.5 cycle or 1-199 ms 0.5 – 99.5 cycle or 1-1999 ms OFF / 10 min / 30 min / 60 min
Accessories	CT coil, AC charger, Tip Voltage Detection Cable	
Options	Software for PC: Inspector.exe (for Windows XP, 2000, ME)	
	USB cable, USB adapter for Bluetooth	



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