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STOCKING IMPORTER | MASTER DISTRIBUTOR

POWERED BY:

WSI



WELD
SYSTEMS
INTEGRATORS, INC.

RESISTANCE WELDING. SOLVED.

TE1700C

PORTABLE WELD TESTER

Suitable for measuring current of AC, DC / MFDC and CDW machines

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TE1700C

PORTABLE TESTING AND MEASUREMENT



TECNA Pedestal Welders, Portable Spot Welding Guns, Bench Welders,

Tool Balancers, Accessories, Spare Parts, Service and Support!

MULTIFUNCTION MEASUREMENT INSTRUMENT FOR RESISTANCE WELDERS

TE1700C

The **TE1700C "WELD TESTER"** is a portable instrument purposely designed for measuring the resistance welding parameters. By using different kinds of probes, the same instrument enables to measure the welding current, the force at the electrodes, the voltage at the electrodes, the energy, the resistance and the thermal current. The analyzer can be set through the 5.7" color LCD touch screen, an indispensable highly performing diagnostic tool which provides a graphical display of the waveforms of the selected signals. Suitable for measuring current of AC, DC/MFDC and CDW machines.



- Current measurements: RMS value, maximum positive peak and maximum negative peak.
- Measurement of the conduction angle in degrees for AC machines.
- Measurement of the welding time in cycles with a 1/2 cycle resolution or in ms with a 0.1 ms resolution; maximum time of measurement 6 seconds.
- Voltage measurements: RMS value, maximum positive peak and maximum negative peak.
- Measurement of the delivered energy during the welding and of the electrical resistance value of the material.
- Initial and final blanking function with programmable duration to mask the slopes of the welding current.
- Management of the pulsations up to a maximum of 9.
- Measurement of the welding force: it displays the maximum and minimum average force values at the beginning and at the end of the welding time.
- Blanking function: it eliminates the measurement errors due to a high impact strength and allows its analysis.
- Storage of measurements (30.000 max): statistical analysis and details of the last 100 measurements available directly on the instrument.
- Management of 16 different limit masks recallable through external inputs, the result of the limit evaluation is available through an outward output (WELD MONITOR).
- Limits on the measurement selectable among time, current, power and strength.
- Ethernet and Wi-Fi interfaces for the instrument configuration and for the measurements visualization through smartphone/tablet or PC.
- USB 2.0 output for memory stick use for storing data and waveforms (bitmap and csv formats).
- Integrated clock to document each measurement with date and time of execution.
- Integrated weld tables accessible through the touch screen display.
- Wide range of measure transducers. Automatic acknowledgement of the connected transducers.
- Powered by rechargeable Ni-Mh batteries and supplied with the power set. Battery life of approximately 10 h depending on usage.
- Firmware update via memory stick.
- Carrying suitcase for instrument and accessories.



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**MULTIFUNCTION MEASUREMENT INSTRUMENT
FOR RESISTANCE WELDERS**

TE1700C







Item 1700C

Analyzer TE1700C complete with carrying case and certificate



Item 24819
Carrying case

ACCESSORIES

	1631	Rigid current transducer coil Ø min 32-36 max mm with cable L=2 m max
	1632	Rigid current transducer coil Ø min 40-45-46 max mm with cable L=2 m max
	1633	Rigid current transducer coil Ø max 80 mm with cable L=2 m max
	1635	Flexible transducer Ø 160 mm with cable L=2 m max
	1636	Flexible transducer Ø 270 mm with cable L=2 m max
	1637	Flexible transducer Ø 270 mm with cable L=2 m max, sensitivity x0,2
	1661	Force transducer 200 daN 440 lb with cable L=2 m
	1662	Force transducer 2.000 daN 4.400 lb with cable L=2 m
	1673	Force transducer with reduced overall dimensions 200 daN 440 lb with cable L=2 m
	1675	Force transducer with reduced overall dimensions 1.200 daN 2.640 lb with cable L=2 m
	1663	Force transducer 10.000 daN 22.000 lb with cable L=2 m

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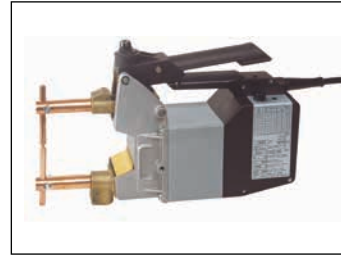
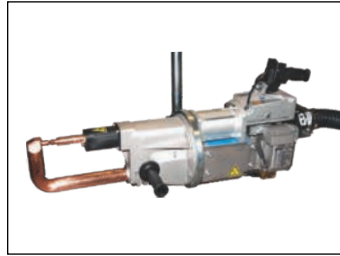
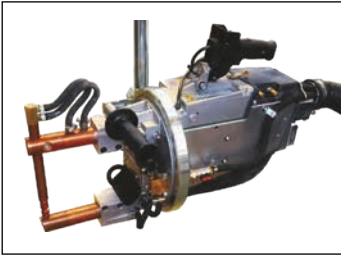
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RESISTANCE WELDING. SOLVED.

Weld Systems Integrators (WSI) | Resistance Welding. Solved.

Weld Systems Integrators (WSI) is a manufacturer of rugged, innovative, high-quality resistance welding equipment and machinery, and integrator of robotic resistance and MIG welding cells. We also stock resistance welding accessories, parts and supplies, and we support our resistance welding equipment with strong service, training, welding lab testing and contract engineering capabilities.

WSI is a Master Distributor and Stocking Importer for TECNA resistance welding equipment, including spot and projection welders, portable guns and balancers. We keep an inventory of TECNA equipment in stock at our Warrenville Heights location for quick shipment and delivery.

WSI is proud to be a Sustaining Member of the American Welding Society (AWS), the Resistance Welding Manufacturing Alliance (RWMA), as well as WEMCO, an Association of Welding Equipment Manufacturers.



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