

WELDING TESTER

The quality of a spot weld depends on the force applied by the electrodes together with the value of the welding current. For control programs, measuring the force applied by the electrodes is extremely important for maintaining constant production conditions. The Welding Tester instrument is designed for measuring the closing force on welding heads, which can be used either for setting up or for periodical maintenance. The tips are exchangeable for measuring the force applied by different forms of electrodes; the lowest closing dimension is 3 mm.

Different models are available for measuring 0–1000 pounds up to 0-4000 pounds. The new tool has all the ruggedness, quality and accuracy of the other tools in the CENTOR family, specially designed for taking “nomad” measurements in production shops.



- Resolution 1/10,000, (5-digits)
- Accuracy: 0.1 % Full scale
- Data Capture Rate: 1,000 hertz
- Large back-lighted graphic screen
- Peak calculations
- Simultaneous display of current and peak values
- Bargraph value display
- Selectable measurement units: N, daN, gf, Kgf, lb, oz, kN
- Low battery warning
- Configuration stored in non-volatile memory
- 8 hours of operation without recharging thanks to its "automatic shutoff" and "sleep" modes
- Recall of last calibration date
- Steel casing with rubberised protection
- Includes carrying case with accessories and charger

Welding tester Models	Capacities and resolutions		
	Pounds	Kilograms	Newtons
Welding tester 1	1 000 x 0.01	500 x 0.05	5 000 x 0.5
Welding tester 2	2 000 x 0.02	1 000 x 0.1	10 000 x 1
Welding tester 3	4 000 x 0.04	2 000 x 0.2	20 000 x 2