

MM-400A - Verificador de soldadura desktop

The new MM-400A Desktop Resistance Weld Checker enables operators to monitor and manage key welding variables that result in changes in weld heat such as current, voltage, time, force and displacement. The compact unit supports a wide range of resistance welding technologies including AC, DC inverter, AC inverter, transistor and capacitive discharge. It features a simple and intuitive user interface and color touch panel display.

Key Features MM-400A - Desktop Resistance Weld Checker

- Measures Current, Force, Voltage, Time and displacement
- Envelope function
- Seam welding mode
- ISO17657 compliant measurement for current
- Built-in printer
- RS232/485 output
- Multi-language support

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Specifications MM-400A - Verificador de soldadura desktop

Modelo	3-400-01 (Basic) 3-400-02 (Force and displacement)
Current range	1x sensitivity toroidal coil~0.100~2.000 kA/0.30~6.00 kA/1.00~20.00 kA/3.0~60.0 kA/10.0~200.0 kA (MB-400 M/800 M) 10x sensitivity toroidal coil~0.01~0.2 kA/0.03~0.6 kA/0.1~2.0 kA/0.3~6.0 kA/1.0~20.0 kA (MB-45F) Shunt resistor~0.025 kA~0.5 kA/0.05~1.0 kA
Medida de corriente	PEAK/RMS*2 / Arithmetic mean RMS. Accuracy ±1% Full scale
Voltage range	0.30~6.00 V/1.0~20.0 V. Accuracy ±1% Full scale
Medición de voltaje	PEAK/RMS*2 / Arithmetic mean RMS. Accuracy ±1% Full scale
Displacement Range *1	When the SENSOR STEP setting is 1 μm: ±30.000 mm. Accuracy ±30.000 mm range: ±15 μm (sensor with 1 μm or less resolution) When the SENSOR STEP setting is 10 μm: ±300.00 mm. Accuracy ±300.00 mm range: ±150 μm (sensor with 10 μm or less resolution)
Displacement measurement *1	Before welding / After welding / Constant
Force Range *1	0.49~98.06 N (MA-520) / 0.49~980.6 N (MA-521) / 245~4903 N (MA-770) ±3% Full scale
Force measurement *1	Mean RMS / maximum (peak) Before welding / After welding / Constant. Accuracy ±3% Full scale
Force input voltage / current range *1	-10 to +10V / 4 to 20 mA
External range	5% to 100% of rated setting
External measurement	Mean RMS/maximum (peak) Before welding / After welding / Constant. Accuracy ±3% Full scale
Measurement time current voltage displacement power resistance AC ms-AC	1 to 5000 ms
Measurement time current voltage displacement power resistance AC CYC-AC	0.5 to 250.0 CYC (50 Hz) 0.5 to 300.0 CYC (60 Hz)
Measurement time current voltage displacement power resistance AC CYC*HZ-AC**	0.5 to 200.0 CYC (M050 : 50Hz) 0.5 to 300.0CYC (M063 : 63 Hz) 0.5 to 2000.0 CYC (M500 : 500 Hz)
Measurement time current voltage displacement power resistance AC LONG CYC-AC	0.5 to 500.0 CYC (50 Hz) 0.5 to 600.0 CYC (60 Hz)
Measurement time Current Voltage Displacement Power Resistance DC CYC-DC	0.5 to 100.0 CYC (50 Hz) 0.5 to 120.0 CYC (60 Hz)
Measurement time Current Voltage Displacement Power Resistance DC ms-DC	1 to 2000 ms
Measurement time Current Voltage Displacement Power Resistance DC SHORT ms-DC	0.50 to 100.00 ms (0.05 ms increment)
Measurement time force external	1 to 10000 ms
Ángulo de conducción	0 to 180 degrees. Accuracy ±9 degrees
Units	V / N / kgf / lbf / ºF / Mpa / bar / psi
Potencia de entrada	Single-phase 100 to 240 VAC±10% (50/60 Hz) or 24 VDC+/-10%
External data output	RS-232C/RS-485/Ethernet
Idiomas	Japanese, English, Chinese, Korean, German, French, Spanish
No. of schedules	127
Power usage	41 W (49 W with printer running)
***1**	Force and displacement model only
GEWICHT UND ABMESSUNGEN	
Dimensiones (LxAnxAl)	290 mm x 172 mm x 269 mm (31.2 in x 17.4 in x 33.9 in (excluding protrusions))

Peso	Approx. 5 kg (11 lb)

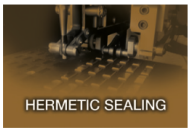
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OUR TECHNOLOGIES









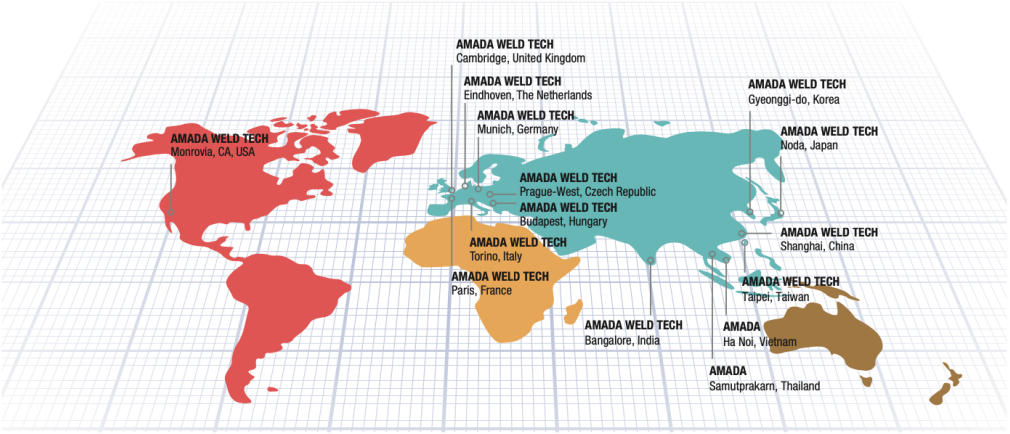








OUR SALES OFFICES



AMADA WELD TECH

AMADA WELD TECH GmbH
Lindberghstrasse 1 • DE-82178 Puchheim, Germany
T: +49 (0) 89 83 94 030 • Fax : +49 (0) 89 839403 68
infode@amadaweldtech.eu • www.amadaweldtech.eu
ISO 9001 Certified Company

Please contact our worldwide network here:

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