



MM-400A - Analizzatore di saldature desktop

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

Specifications MM-400A - Analizzatore di saldature desktop

Modello	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
Misurazione corrente	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
Misurazione tensione	PEAK/RMS*2 / Arithmetic mean RMS. Accuracy ±1% Full scale
Displacement Range *1	When the SENSOR STEP setting is 1 mm: ±30.000 mm. Accuracy ±30.000 mm range: ±15 mm (sensor with 1 mm or less resolution) When the SENSOR STEP setting is 10 mm: ±300.00 mm. Accuracy ±300.00 mm range: ±150 mm (sensor with 10 mm 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
Angolo di conduzione	0 to 180 degrees. Accuracy ±9 degrees
Units	V / N / kgf / lbf / °F / Mpa / bar / psi
Potenza di ingresso	Single-phase 100 to 240 VAC±10% (50/60 Hz) or 24 VDC+/-10%
External data output	RS-232C/RS-485/Ethernet
Lingue	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

MASSA E DIMENSIONI	
Dimensioni (LxPxA)	290 mm x 172 mm x 269 mm (31.2 in x 17.4 in x 33.9 in (excluding protrusions))
Massa	Approx. 5 kg (11 lb)

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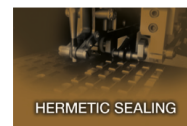
RESISTANCE WELDING



LASER WELDING



LASER MARKING



HERMETIC SEALING



HOT BAR REFLOW
SOLDERING & BONDING



SYSTEMS SOLUTIONS

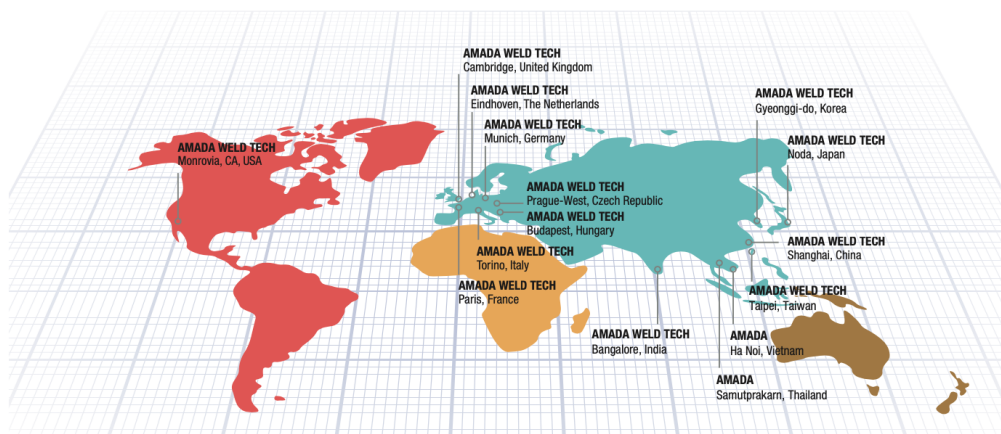


LASER CUTTING



MICRO TIG WELDING

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