



TC-W100A Saldatrice per termocoppie (precedentemente conosciuto come TCW)

La saldatrice a termocoppia MIYACHI TC-W100A salda tra loro i fili di termocoppie per formare una giunzione a goccia uniforme, con dimensione e una qualità costanti, senza dannosi strati assodati. La TC-W100A produce termocoppie da tutte le leghe disponibili in commercio.

Specifiche TC-W100A Saldatrice per termocoppie

- > Camera di saldatura a gas argon
- > Facile da usare
- > Progettata per operare in produzione o laboratorio
- > Blocco innesco saldatura
- > Regolatore tensione di linea
- > Sezione dei fili da 38 AWG a 20 AWG

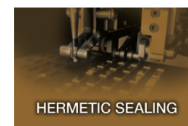
Specifications TC-W100A Saldatrice per termocoppie (precedentemente conosciuto come TCW)

Quality control features	
Camera di saldatura	Argon gas flowing through the weld chamber ensures a reliable, oxide-free weld.
Circuito attivazione	Prestripped wire must be properly loaded into the handpiece and the handpiece correctly inserted into the weld chamber to initiate firing. This loading sequence ensures that the handpiece is double earth grounded for maximum operator safety. Internal filt
Blocco attivazione saldatura	Prevents poor welds caused by attempting a weld before the capacitors recharge. This condition exists immediately after a weld has been made or the control has been reset.
Regolatore tensione di linea	Maintains the capacitor bank voltage within $\pm 0.25\%$ of setting for a $\pm 13\%$ change in line voltage. This feature ensures consistent thermocouple weld quality.
Flessione guasto di linea	Welder automatically activates the turndown circuit, discharging the capacitor bank when the line voltage is interrupted. This circuit ensures consistent welds and protects the operator from inadvertent discharge
Controlli	
Interruttore di accensione	Disconnects both sides of the input power line when switched to the "OFF" position.
Pronto per saldatura	Indicates that the capacitor bank has fully recharged and is ready to make a weld.
Selezione sezione filo	Controls the level of stored energy necessary to make a thermocouple weld. Energy levels are indicated for each American Wire Gauge (AWG) from 38 AWG to 20 AWG. Because of variations in he melting characteristics of thermocouple alloys, it may be necessar
Specifiche	
Circuito a stato solido	Components conservatively rated when used within the maximum specified repetition rates. The charging circuit uses thyristors in a unique manner to provide high reliability and precise charging intervals.
Correnti e tensioni operative	115 V/0.5 A, 230 V/0.3 A, or 100 V/0.5 A at 50/60 Hz
Potenza di standby	Approximately 15 watts
Energia immagazzinata nominale	Range 3 to 190 watt-seconds (joules)
Banco condensatore	18,300 MFD $\pm 10\%$ at 20° C. Three capacitors are grouped in a single bank. At full rating, the capacitor bank is operated at 144 volts.
Velocità di saldatura	As a manual feed thermocouple welder, the maximum number of welds per minute is determined by how fast the handpiece can be loaded and inserted into the weld chamber. The actual weld time is less than .1 seconds, and the time for the circuitry to recharge
Flusso gas Argon	Recommended flow rate is 3 cubic feet per hour.
Interruzione gas Argon	Blocks the flow of argon gas to the weld chamber when line voltage is turned off.
Morsetti (venduti a parte)	TCWCS38 clamp for 32 to 38 gauge wire TCWCS31 clamp for 27 to 31 gauge wire TCWCS26 clamp for 23 to 26 gauge wire TCWCS22 clamp for 20 to 22 gauge wire
MASSA E DIMENSIONI	
Powersupply Dimensions (LxWxH)	25.4 cm x 26.0 cm x 17.5 cm (10 in x 10.25 in x 6.875 in)
Powersupply Weight	7.3 kg (16.2 lb) (includes handpiece)
Handpiece Dimensions (LxWxH)	Body Length: 10.16 cm (4 in) Body Diameter: 1.91 cm (0.75 in)
Handpiece Weight	7.3 kg (16.2 lb) (includes handpiece)
Wire clamp Dimensions (LxWxH)	Length: 1.91 cm (0.75 in) Diameter: 0.64 cm (0.25 in)
Wire clamp Weight	91 gm (0.2 lb)

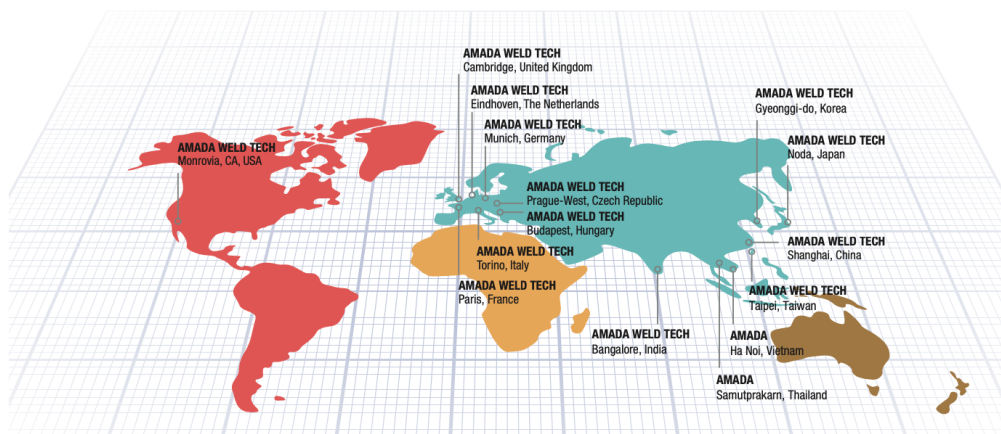
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