

Thermocouple Welder

TCW60



Standard Accessories

- Wire Holding Pliers and Lead
- Safety Glasses
- Magnifying Eyeglass
- Carbon Electrodes
- Spare 2A Fuse
- Argon Hose
- Power Cord
- Footswitch for Greater Ease of Use

The TCW60 is designed for sensor manufacturers for the production of commercial grade thermocouple junctions, and for users of large numbers of exposed junction thermocouples such as test and development laboratories where multipoint temperature sensing of test pieces is required. No special skills are needed and

most people will be capable of producing quality work with minimal practice. The instrument can be operated via the front panel or by using the footswitch provided. In addition to thermocouple work, the TCW60 welder is used in many other applications involving the joining of wires to each other and to metal surfaces. This model is suitable for welding wires up to 1.1 mm (0.043") diameter and has an argon gas shield facility. A satisfactory thermocouple junction is produced without using argon, but where argon is available a momentary purge is automatically triggered immediately prior to the weld to give optimum weld integrity

SPECIFICATIONS:

GENERAL

Energy Output: 0-60 Joules

Welding Capacity: Wires up to 1.1 mm (0.043") diameter

Duty Cycle: Minimum 5-10 welds/min

MECHANICAL

Dimensions: 220 W x 120 H x 250 mm D (8.7" x 4.7" x 9.9")

Weight: 4 kg (8.8 lb)

ELECTRICAL

Power Supply: 110-120 Vac or 220-250 Vac , 50-60 Hz

Power Consumption: Max 170 VA dropping to 20 VA during charging

Ordering Codes	Description
TCW60-110	Thermocouple and fine wire welder, 110-120VAC Power
TCW60-220	Thermocouple and fine wire welder, 220-250 VAC Power
TCW60-CAR	Replacement carbon electrodes(package of 5)