

Thermocouple Welder



SCD - 01E

The equipment is suitable for welding Thermocouple wires of different material to steel / alloy steel plate. One terminal is connected to plate by "Earth" magnet, while Thermocouple wire to be welded is being held in "Nose player" and kept in contact with plate. "Weld switch" / Foot switch is used to weld the wire on the plate. Capacitors can be charged to different voltages to get different values of weld current.



SCD - 01G

The equipment is suitable for achieving weld joint (bead formation / couple) between two Thermo wires. Pure Argon gas can be used to get better weld joint. Two wires to be welded are being held in "Nose player" and kept in contact with "Carbon electrode" given on equipment. "Pre-flow and Post flow" of gas and "Weld trigger" is being taken care automatically. Capacitors can be charged to different voltages to get different values of weld current.

TECHNICAL SPECIFICATIONS :	
MODEL	: SCD - 01 E
VOLTAGE RATING	: 100~120V or 220~240V AC
STORE ENERGY OUTPUT	: 0-to 60 joules
CYCLE TIME	: Charging time at max. energy less than 3 sec.
WIRE GAUGE	: Low : 4- ~ 30 AWG (0.1 ~ .03mm/0.003" ~ 0.012") Med : 3- ~ 24 AWG (0.3 ~ 05mm/0.012" ~ 0.020") HI : 24- ~ 19 AWG (0.5 ~ 1.1 mm/0.020" ~ 0.043")
THERMOCOUPLE TYPE	: Suitable for type K/J/E/T/N/R/S/B
WELD CYCLE	: Min. 5 to 10 weld / min
ENERGY INDICATOR	: LED display to indicate charging status
WELD TRIGGER	: Foot switch with 2 Met. Cable.

TECHNICAL SPECIFICATIONS :	
MODEL	: SCD - 01 G
VOLTAGE RATING	: 100~120V or 220~240V AC
STORE ENERGY OUTPUT	: 0-to 175 joules
CYCLE TIME	: Charging time at max. energy less than 10 sec.
WIRE GAUGE	: Low : 0.3 ~ 0.5 mm Med : 0.5 ~ 0.9 mm HI : 0.9 ~ 1.2 mm
THERMOCOUPLE TYPE	: Suitable for type K/J/E/T/N/R/S/B
WELD CYCLE	: Min. 5 to 10 weld / min
ENERGY CONTROLS	: 3 Position energy sockets (Low/Med/Hi)
ENERGY INDICATOR	: D.C. Volt display to indicate charging status
SUITABLE USE FOR	: Manufacturer / Workshop / Laboratory / Engineering Dept./

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DIAMENSION	:	220(W) x 120(H) x 200(D) mm
WEIGHT	:	5 Kgs / 11 IBS
Technical Details Subject To Changes Without Notice.		

DIAMENSION	:	310(W) x 170(H) x 240(D) mm
WEIGHT	:	8 Kgs
WELDING ELECTRODES	:	Pliers with 500mm. long cable Earthing clip with 1 Met. cable Carbon Electrodes - 05 Nos.
WELD TRIGGER	:	Foot switch with 2 Met. Cable.
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