



Thermocouple welder

Thermocouple Discharge Welder

SR50 Portable Capacitance Discharge Thermocouple Welder



The SR-50 is a portable battery / mains powered capacitance discharge welder which has been specifically designed for making thermocouple junction welds and impact welds both in the workshop and out on site. It has sufficient power to weld wires of up to 0.9mm diameter and has a battery charge life of at least 500 welds on maximum power. It can also be run from the mains supply via the charger.

A wait lamp with interlock is fitted to prevent the user from using the welder until the current set charge is reached.

The SR50 case is waterproof, light and robust and made from a rigid durable plastic with an easy grip

General Specifications:

Energy output: 0 to 30 joules.

Weld capacity: Up to 2 x 0.9 mm dia.

Battery life: At least 500 welds on full power.

Charging time: 4 hours.

Weight: 3Kg.

Dimensions: 270 x 250 x 120mm.

Accessories Included:

Mains powered battery charger.

Plier electrodes.

Welding goggles.

Magnifying Glass.

Carbon electrode.

Indicators and Controls:

LED indication: Indicates battery status.

Wait lamp: To prevent premature discharge.

Weld switch: Releases energy from capacitors.

Potentiometer: Sets energy level.

On/off switch and power on indicator.

Ordering code

Type

SR48 Capacitance Discharge Thermocouple Welding Device



The SR48 offers a low cost unit for capacitance discharge welding.

Designed for the fast production of thermocouple junctions and other fine wire welds, it has an output of 48 joules over two power ranges allowing for two wires of up to 1.1mm dia each to be welded.

An optional pen and plate is available to facilitate with specialised impact welding applications as well as an optional footswitch.

General Specifications:

Energy output: 0 to 48 joules via selectable outputs.

Weld capacity: Up to 2 x 1.1mm dia.

Power supply: 220/240Vac or

100/120Vac to order.

Weight: 4Kg.

Dimensions: 310 x 230 x 120mm.

Accessories Included:

Plier electrodes

Spare carbon electrodes

Allen key

Magnifying glass

Mains lead

Viewing filter.

Indicators and Controls:

LED indication: Mains on.

Meter: Percent of max charge

Weld switch: Activates weld

Potentiometer: Sets energy level.

Ordering code

Type



thermo-electra

measurement and control technics

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