

WELDERS

SR50 Portable



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

Part No	Description
SR-50	Portable Welder (30 Joules)

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.

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.

Accessories included:

- Pliers
- Black lead with croc clip
- Magnifier
- Welding goggles
- Spare carbons(2)
- UK Battery charger

Optional Accessories:

Foot Switches, Welding Clips, Pliers, Carbon Electrodes & More
 See page 82

SR48 Bench Model



Combining many features of the SR80 and SR50 welders, the SR48 offers a low cost unit for capacitance discharge welding.

Designed for the fast production of the mocouple 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.

Part No	Description
SR-48	Low Cost Welder (48 Joules)

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.

Indicators and Controls:

LED indication: Mains on.
 Meter: Percent of max charge
 Weld switch: Activates weld
 Potentiometer: Sets energy level.

Accessories included:

- Power cable
- Pliers
- Black lead with croc clip
- Magnifier
- Red filter
- 2mm Allen key
- Spare carbons(2)

Optional Accessories:

Tweezer Electrodes, Pen & Plate Welding Jigs, & More

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