# SR50 Portable capacitance discharge thermocouple welder

## Product information

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

## Technical information

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| **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 |
| **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 |

## Delivery includes

Pliers

Black lead with croc clip

Magnifier

Welding goggles

Spare carbons(2)

Battery charger

## Options

Foot switch

Pen & plate welding jig

Impact welding clip

Tweezer electrodes

Pliers

Carbon electrodes

## Ordering code

*This datasheet is purely indicative, build-up of model code may vary from this datasheet.

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|---|---|
| Model | SR50 |

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