

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

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.

Model

SR50



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temperature sensor solutions

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