

Product Code:
SR-48
SR-80



Description:

In order to provide reliable temperature measurement it is essential that the thermocouple's hot junction be formed in the correct manner by fusing the two legs of dissimilar material into an homogenous junction.

There are several ways in which this can be achieved, but for simplicity, speed of operation and overall cost the SR Series of welding machines provides the ideal solution.

The operation of the welding machine is based upon capacitance discharge, operating from a mains supply and there are two units in the range.



Thermocouple Capacitance Welders		
Model Number	SR 48	SR 80
Description	Low cost unit for capacitance discharge welding	Universal capacitance discharge welder with Argon facility for very clean welds
Energy Output	0-48 Joules	0-80 Joules
Weld Capacity	Up to 2 x 1.1mm OD conductors	Up to 2 x 1.6mm OD conductors
Argon Usage	n/a	300l/Hr @5psi.
Power Supply	220/240V AC 100/110V AC	220/240V AC 100/110V AC
Weight	4.0 Kg	5.0 Kg
Dimensions	310 x 230 x 120mm	310 x 230 x 120mm
Included Accessories Please note the red filter in the pictures is no longer available and all welding units come with welding goggles.	<ul style="list-style-type: none"> • Power cable • Pliers • Black lead with crocodile clip • Magnifying glass • Welding goggles • 2mm Allen key • Two spare carbon electrodes 	<ul style="list-style-type: none"> • Power cable • Pliers • Black lead with crocodile clip • Magnifying glass • 2mm Allen key • Two spare carbon electrodes • Argon hose • Foot switch

Datasheet : 036

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Accessories:



Foot switch



Impact Welding Clip



Pen and Plate Welding Jig



Pliers



Tweezer Electrodes



Carbon Electrodes

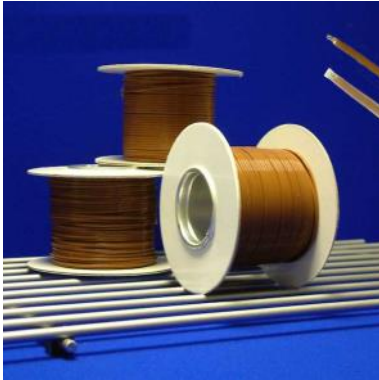
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Temperature Accessories:



Type T Thermocouple Wire



Pre-cut Validation Thermocouples



Validation Thermocouples in a Loom



Thermocouple Entry Gland TCEG



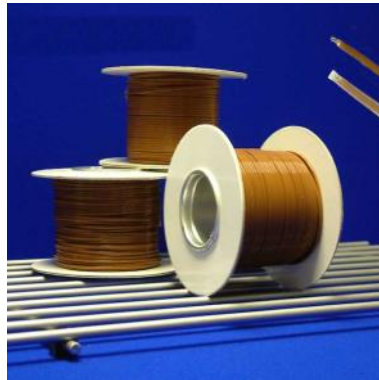
Y Piece Extension



Tee Piece Extension



Clamps, Tri-clover blanks, gaskets



Type T thermocouple Wire



Ampoule Holders

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