

Stainless Steel Auto/Manual (Variable 18 to 40 Joule) Thermocouple Welding Unit - 110 Volt (White Face) Stock Reference Number: 350001

Product Description:

Stainless Steel Auto/Manual (Variable 18 to 40 Joule) Thermocouple Welding Unit - 110 Volt (White Face)



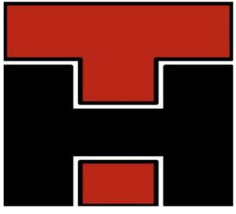
The thermocouple unit is a portable, rechargeable battery operated, automatic, thermocouple attachment unit which uses the capacitance-discharge method for the attachment of thermocouple wire to a work piece, which is to be heat treated, in order to read the temperature of the workpiece.

Application:

The thermocouple unit has a variable, operator selectable, 18 to 40 Joules energy output suitable for attaching various sizes of thermocouple wire 0.5mm to 1.7mm solid TC wire. With its optional Manual or Automatic operating mode, for operators working alone, it is ideal for attaching thermocouples in in difficult to reach points on the

workpiece and where, for safety, the operator requires a hand to be free.

THERMAL SYSTEMS



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Specification	
Supply Voltage	115V @ 50/60 Hz
Thermocouple (TC) Wire size	0.5mm to 1.7mm solid TC wire.
Battery	Rechargeable, sealed lead-acid, (non-spillable) 12V 2.1Ah
Weld Voltage	37 to 60V (18 to 40 Joules energy output)
Charging Time	Approximately 9 seconds @ 40 joules (Following battery recharge)
Number of welds from a fully charged battery	Approximately 1,000 welds
Operation time for fully charged battery	Approximately 500 welds @ 40 joules
Safety	We recommend using safety glasses to protect from welding sparks produced
Dimensions (mm)	180mm x 260m x 100mm
Weight	3.6 kg
Design Standards	Designed & built in accordance with the applicable requirements of the following standards: Safety - EN 61010-1: 2010 (LVD - Safety Requirements for electrical equipment for measurement, control and laboratory use) Electromagnetic compatibility - EN IEC 61000-6-1:2007 & BS EN 61000-6-3:2007+A1:2011 (Electrical equipment for measurement control and laboratory use – EMC requirements) The product is WEEE Compliant

This item conforms to our current manufacturing specification. All parts/components are subject to Quality control in accordance with the following standard:
ISO 9001:2015 Quality Management System.

Original approval – ISO 9001 – 29th March 2004

All figures given represent nominal or typical value Information contained within this data sheet is based upon the general experience of Thermal Hire Ltd and is believed to be correct at the time of issue. No warranty is given or is to be implied from the details above.

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