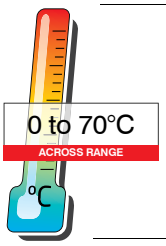


Thermocouple Reference Unit
TRU Model 938

- Suitable for Laboratory or High Capacity Applications
- Works in high ambients up to 65°C
- Reliable Solid State Design

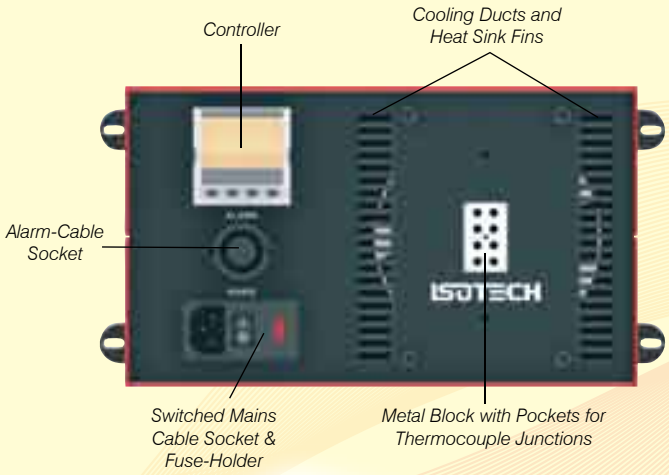
The TRU (Thermocouple Reference Unit) supplies a stable and accurate 0°C, or elevated reference temperature.

It is a self-contained all solid-state unit using Peltier technology which provides maintenance free operation.

The TRU features rapid temperature shift even from high ambient temperatures and is stable within 10 minutes from switch on.

An alarm will be activated should the reference temperature deviate by more than 0.2°C.

The 938 can be ordered with a choice of one of two block types. B1 is recommended for laboratory use and has 6 pockets 6.2mm x 130mm deep and a 4.2mm pocket and can accommodate up to 36 junctions. Block B2 is for higher capacity applications and can accommodate up to 100 junctions with 8 8.2mm pockets x 76mm deep and a 4.2 pocket for an optional monitoring PRT.



Model	938
Operating Temp.	0°C (or 45° to 70°C)
Ambient Range °C	2°C to 65°C
Stability	±0.03°C, Errors introduced by thermocouple loading can be removed by adjusting controller offset
Stabilising Time	10 minutes from 44°C
Capacity	B1 6 x 6.2mm Pockets + 4.2mm pocket 130mm deep or B2 8 x 8.2mm Pockets +4.2mm pocket 76mm deep.
Alarm Facilities	Non-latching relay rated 5 Amps 240V
Power	100 Watts typical 100-130 or 208-240 VAC 50/60Hz
Dimensions	Height 228mm Width 253mm Depth 148mm
Weight	5.5kg

Accessories

935-14-54	Platinum Resistance Thermometer suits Block B1: Includes UKAS Calibration at 0.01°C
935-14-55	Platinum Resistance Thermometer suits Block B2: Includes UKAS Calibration at 0.01°C
935-17-32	Fan Filter - recommended for high dust environments

How to order

TRU Model 938
Normally uniquely specified for each order.
Please discuss your exact requirements with us before ordering.