

VOLLAUTOMATISCHE THERMOELEMENT VERGLEICHSTELLE TRU 937

- **Bis zu 100 Thermoelemente**
- **Bestückung der Typen frei wählbar**
- **komplett wartungsfrei für automatischen Betrieb**
- **Bei wechselnden Umgebungsbedingungen einsetzbar**

Hersteller: ISOTECH

Modell: 937

SKU: KK-988, KK-989, KK-990

Categories: [Thermoelement Kalibrierung](#), [Thermoelement Vergleichsstellen](#)

Tags: [CJC](#), [Eispunkt-Thermostat](#), [Kaltstellenkompensation](#), [Thermoelement kalibrieren](#), [Thermoelement-Vergleichsstelle](#), [Vergleichsstellenkompensation](#)

GALLERY IMAGES



PRODUCT DESCRIPTION

Sollte die Vergleichstellentemperatur mehr als $\pm 0,5^{\circ}\text{C}$ abweichen, zeigt ein LED, dass das TRU 937 unter oder über 0°C ist, und die Alarmeinrichtung wird tätig. Die Thermoelement-Vergleichsstellen sind in einem Vergleichsblock untergebracht und an beschriftete Klippon- Ein- und Ausgänge angeschlossen. Diese Klemmreihe ist wiederum in einem isothermischen Umfeld untergebracht. Die gleichmäßige Temperatur dieses Umfeldes garantiert, dass hier keine zusätzlichen Thermospannungen erzeugt werden.

Ein Vorteil des Eispunkt-Thermostats TRU 937 ist, dass sich der Anwender nicht um die Herstellung von Vergleichsstellen kümmern muss. Er braucht nur die Ausgleichsleitung an die entsprechenden Eingänge und die Messleitung an die entsprechenden Ausgänge des TRUs anzuschließen.

DOWNLOAD



Thermocouple Reference Unit TRU Model 937

- Up to 100 Channels
- Compact, Pre-Wired Thermocouples
- Operates in High Ambient

The TRU 937 (Temperature Reference Unit) supplies a stable and accurate 0°C or elevated Reference Temperatures between 45°C and 70°C.

It is a self-contained all solid state unit using pellet technology which provides maintenance free operation. The TRU 937 features rapid cool down from high ambient temperatures and is stable within 10 minutes from switch on.

An alarm will be activated should the reference temperatures deviate by more than the user definable span. Thermocouple Reference Junctions are located in a reference block and connected to their marked input and output terminals in an isothermal enclosure. The uniform temperature throughout the enclosure ensures that no thermoelectric EMF's are generated at the terminals.

One advantage of the TRU 937 is that the user need not be concerned with the supply and installation of reference junctions since it is only necessary to connect the thermocouple compensation cables to the input terminals and the measuring instrument to the output terminals of the TRU 937.

There are two models, the TRU 937/50 with up to 50 junctions with a single terminal cover door, and the TRU 937/100 which has doors on the front and rear, as shown in the photograph.

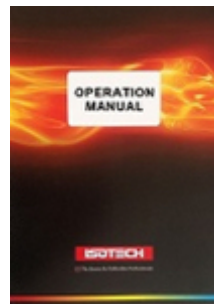




Model	937
Operating Temp.	0°C (or 45° to 70°C)
Ambient Range	2°C to 65°C
Stability	±0.02°C. Errors introduced by thermocouple loading can be removed by adjusting controller offset
Stabilising Time	10 minutes from 44°C
Capacity	Up to 100 Double Junction Channels
Input/Output Connections	Klippon Terminals, type 1.5 AKZ
Alarm facilities	Non latching relay rated 5 Amps 240V
Power	100 Watts typical 100-130 or 208-240 VAC 50/60Hz
Dimensions	Height 265mm Width 203mm Depth TRU 937/100 312mm Depth TRU 937/50 230mm
Weight	TRU 937/100 15kg TRU 937/50 8kg
Accessories	935-14-55 Platinum Resistance Thermometer suits Block R2: Includes URAS Calibration at 0.01°C 935-17-33 Fan Filter - recommended for high dust environments
How to order	TRU Model 937 Normally uniquely specified for each order. Please discuss your exact requirements with us before ordering.

Note: Thermocouple Referencing to 0.00000 at 0°C in Ambient up to 65°C or elevated reference temperatures between 45°C and 70°C
References up to 100 Thermocouples
Pre-wired Thermocouples, Compact Design

96
CALEBRATION SOLUTIONS



[Datenblatt Thermoelement-Kalibrierofen 937](#)

[Handbuch Thermoelement-Kalibrierofen 937](#)

