GUIDE

TTI-22

Isotech

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Precision Thermometers

Isotech have a range of innovative precision thermometers to match the calibration requirements of all labs, from the most demanding of National Metrology Institutes through to the needs of those calibrating industrial sensors.

Precision Thermometers

Isotech have a range of precision thermometers, from a two channel handheld thermometer, the TTI-10 to a bench mounting thermometer with performance to 1mK (0.001°C) at a ground breaking new price.

True Surface Temperature Measuring System

This is a true temperature indicator for use with surface temperature measurement, ideal for use with the Small Hot-Plate Model 983.

Semi Standard Resistance Thermometers and Thermocouples

This section includes a range of "Semi Standard" thermometers that can be used with the TTI's. These precision semi standards are more rugged and affordable than the standard thermometers and ideal for industrial applications.

Fixed Resistors

Isotech have a miniature resistor with an ultra low temperature coefficient, model 836, with accuracies of ±0.005% and temperature coefficients of less than 1ppm. These resistors offer an outstanding cost to performance ratio and will find use alongside a model from our TTI range and in other areas of industrial calibration.

In addition to Precision Thermometers a range of Thermometry Bridges are available. The microK range have accuracies of < ±0.1ppm to suit Primary and Secondary Laboratories.

Details are in Catalogue 1: Solutions for Primary and Secondary Laboratories.

Thermometer Selection Guide

Model	SPRTs	PRTs	Thermistors	Thermocouples	Accuracy at 0°C	Features
TTI-10		■			0.01°C	Handheld, two channel
TTI-22	■	■			0.001°C	Sets new Standard for Price to Performance Ratio
milliK	■	■	■	■	0.003°C	SPRTs, PRTS, Thermistors and Thermocouples
Model 954						8 Channel PRT Switch for TTI-22 and TTI-7 PLUS
Model 958						8 Channel Thermocouple Switch for TTI-22 and TTI-7 PLUS

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True Surface
Temperature Measuring System

- Indicates True Surface Temperature
- 30°C to 350°C
- Resolution 0.1°C

Semi Standard
Resistance Thermometers and Thermocouples

- Ideal for Industrial Applications
- Can be supplied with UKAS
- Choice of temperature ranges and sizes

Fixed
Resistors

- Wide range of Values
- Oil Filled
- Precise and Stable for Industrial References

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