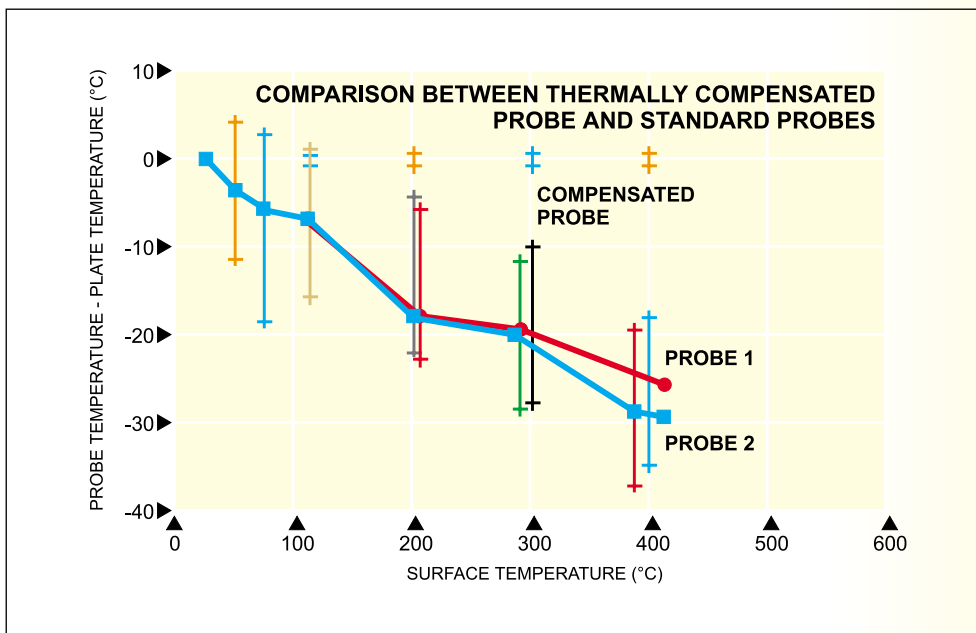


944 True Surface

Temperature Measurement System

True surface temperature measurements



Model No.	944 True Surface Temperature Measurement System	
Temperature Range	30°C to 350°C	
Resolution of display	0.1°C or 0.1°F	
Stability	±1°C	
Accuracy	±2°C with TRACEABLE Certification ±5°C without Certification	
Probe Assembly	Probe Diameter	7.5mm
	Probe Length	150mm
	Lead Length	850mm
Power Supply	100V - 120V, 50 / 60Hz or 200V - 240V, 50 / 60Hz	
Overall dimensions	Height	90mm
	Width	153mm
	Depth	265mm (excluding plugs)
Weight	4kg	
How to Order	Model 944 & Probe 935-14-81 Please state supply voltage required Please state if Calibration is required	

Software

Introduction

The Dry Block Calibration Baths included in this DataBook have been enhanced to feature serial communications as standard. The baths have a serial interface (RS422) as standard, this allows a number of calibration baths to be connected together in a daisy chain.

A special lead assembly is provided which converts the RS422 to a PC's standard RS232 port.

This innovative approach allows you a simple trouble free way of connecting a number of baths to a single PC's RS232 port.



Software

Newly developed software provides ease of use and routes to fully automatic temperature calibration.

CalNotePad

Included as standard with the calibration baths and TTI indicators. This permits you to connect both an indicator and the calibration bath to the PC. You can view data on clear configurable chart displays, log data to file and control the calibration bath.

I-cal

A software application that can automatically calibrate up to 16 temperature sensors, it provides an expandable low cost route to automatic calibration with I-cal Capture you can store pictures (along with time and temperature data) to enable, for example, dial thermometers to be calibrated automatically; return to a set of images of the dial captured at each calibration temperature!

Virtual Lab Technician

VLT provides a turnkey solution for the automatic calibration of temperature sensors. Consisting of a PC Workstation, Selector Switch, TTI Indicator and calibration bath(s) it provides a combination of computer hardware, calibration equipment and software to automate the calibration of temperature sensors, further details in Databook 2, a demonstration disk is available on request and full details can be found at www.isotech.co.uk