

Accu-Temp Precision RTD Thermometer

The Tecal Accu-Temp RTD thermometer is an excellent choice for use as a laboratory grade reference thermometer.

It offers the flexibility of two RTD input channels, along with direct temperature readout in degrees °F, °C and ohms. Combine the Tecal Accu-Temp with one of our PRT's for a high accuracy temperature measurement system.

- User programmable linearisation (ITS90)
- Accepts either 10, 25.5 or 100 ohm platinum RTD's
- Direct readout in °C, °F, and ohms
- Temperature accuracy of $\pm 0.015^{\circ}\text{C}$ up to 500°C
- Temperature and ohm meter resolution of 0.001
- Wide temperature range -200 to $+660^{\circ}\text{C}$
- Accepts probe alphas of either 0.00385 or 0.003925
- Single or dual RTD input channels
- Switchable 230 or 120V operation
- Includes NIST traceable calibration certificate


Technical Specification

Temperature accuracy of thermometer					
	-100°C	0°C	200°C	400°C	500°C
+/-	0.005(0.009°F)	0.005(0.009°F)	0.007(0.013°F)	0.011(0.020°F)	0.013(0.023°F)
	Ohmmeter uncertainty		+/-0.002 ohms or 15 ppm		

Dimensions h x w x d	90 x 220 x 295
Weight	4kg (5.5 kg shipping)
Option	RS-232 interface

Ordering Information

Product Code	Model	Voltage
FACTMPD	Accu-Temp RTD Thermometer	230/120v Dual Channel
FACTMPS	Accu-Temp RTD Thermometer	230/120v Single Channel
FACTMRD	Accu-Temp RTD Thermometer	230/120v Dual Channel + RS-232
FACTMRS	Accu-Temp RTD Thermometer	230/120v Single Channel + RS-232

 See page 19 and 20 for RTD probes for use with the Accu-temp and Accu-temp II



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Accu-Temp Precision RTD Thermometer and PRT probe