

## MODEL 6050

### BENCH TOP PT100 THERMOMETER

#### FEATURES

These bench-top instruments are high accuracy microprocessor driven thermometers for use with PT100 sensors.

The sensor calibrations are based upon NBS and BS tables. The units are housed within tough ABS cases complete with tilt feet for ease of viewing.

- \*\*\* °C / °F Switchable
- \*\*\* Resolution of 0.1° to 1000°C Autoranging
- \*\*\* 3 / 4 or 2 Wire configuration
- \*\*\* Overrange / Open circuit sensor indication
- \*\*\* LCD Backlight Display

#### SPECIFICATION

##### Environmental

AMBIENT OPERATING RANGE	:	0 to 50 °C
STORAGE TEMPERATURE RANGE	:	-40 to 50 °C
HUMIDITY	:	0 to 70% R.H.

##### ELECTRICAL

Accuracy @ 23°C	:	± 0.25% reading ±0.2°C
Characterising errors	:	Less than 0.05°C
Temperature coefficient	:	0.01% of reading / °C
Resolution	:	0.1° autoranging 1° above 1000°

Input voltage ranges*	:	240 V AC ±10%
	:	110 V AC ± 10%
	:	9-30 V AC or DC

\* Option - specify at time of ordering

##### GENERAL

Weight	:	500 gms
Dimensions	:	118X57X150 mm 4.65"X2.24"X5.90"
Connections	:	Miniature Connectors (RS 453-678)