

MODEL 4001**SINGLE I/P WALL MOUNTED THERMOCOUPLE THERMOMETER****FEATURES**

A microprocessor driven, thermocouple thermometer unit which offers exceptional accuracy and long term stability.

- *** °C / °F switchable
- *** Resolution of 0.1° to 1° autoranging
- *** Selectable thermocouple types K / T / J / R / N / E / S / I/R
- *** Large backlit LCD display
- *** Optional rechargeable battery pack
- *** Overrange / Open circuit sensor indication
- *** Optional alarm output
- *** I/P socket suitable for mini and standard thermocouple connection

SPECIFICATION**Environmental**

AMBIENT OPERATING RANGE	:	0 to 50 °C
STORAGE TEMPERATURE RANGE	:	-40 to 50 °C
HUMIDITY	:	0 to 70% R.H.
FRONT PANEL PROTECTION	:	IP65 (splash proof)

ELECTRICAL

MEASUREMENT RANGES	:	K	-200 to 1372 °C
		T	-200 to 400 °C
		J	-200 to 1200 °C
		R	0 to 1767 °C
		N	-200 to 1200 °C
		E	-200 to 1000 °C
		S	0 to 1767 °C
INPUTS	:	Thermocouple J, K, T, E, N, R, S	
INFRA-RED SENSOR (Exergen K80)	:	K80 -50 to 250 °C	
DISPLAY	:	Backlit LCD 1 inch (25mm) character height	
ACCURACY	:	±0.25% of reading ±0.2°C	
RESOLUTION	:	0.1 TO 999.9 1 above 1000	
TEMPERATURE COEFFICIENT	:	0.01% of reading/ °C	
COLD JUNCTION COMPENSATION	:	0.0075°C/°C	
OPTIONAL ALARM OUTPUT	:	Relay 5A@ 30Vdc, 5A@120Vac	
OPTIONAL BATTERY LIFE	:	With backlight 3.5 Hrs Without backlight 2000 Hrs	
POWER	:	240V ac or 110V ac or 9-30V ac/dc	

GENERAL

DIMENSIONS	:	7.28 x 8.38 x 4.45 inches (185 x 213 x 113mm)
WEIGHT	:	2.5lbs (1.1kg)
PACKED DIMENTIONS	:	9.45 x 12 x 9.06 inches (240 x 305 x 230mm)
	:	1.5kg