

**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 DIMENSIONS	:	9.45 x 12 x 9.06 inches (240 x 305 x 230mm)
	:	1.5kg