

MODEL MM2009

K TYPE THERMOCOUPLE THERMOMETER WITH TIMER & HOLD FUNCTION

FEATURES

A single input K type thermocouple thermometer with an integral timer and hold function. When the timer is activated, a counter will show at the top right hand of the display and will increment time until stopped. This thermometer has a wide measurement range of -50 to +1000°C (probe dependent) and an operating range of -30 to 50°C.

- Single input thermocouple thermometer
- Present to °C
- Features a timer function - time will increment when activated
- Hold function - will freeze temperature value
- Resolution of 0.1° to 1000° autoranging
- Compatible with K type thermocouple temperature probes
- Auto Switch Off capability
- Overrange / Open circuit sensor indication
- Low battery indication
- Waterproof casing

SPECIFICATION

Environmental

AMBIENT OPERATING RANGE	:	-30 to 50 °C
STORAGE TEMPERATURE RANGE	:	-40 to 50 °C
HUMIDITY	:	0 to 70% R.H.

ELECTRICAL

MEASUREMENT RANGES	:	K	-200 to 1000 °C
THERMOCOUPLE TYPES	:	K only	
TEMPERATURE SCALES	:	°C	
ACCURACY @23°C	:	+/- 0.1% OF READING +/- 0.2 °C	
CHARACTERISING ACCURACY	:	LESS THAN 0.05 °C	
TEMPERATURE COEFFICIENT	:	0.01% OF READING /°C	
COLD JUNCTION COMPENSATION	:	0.0075 °C/°C	
RESOLUTION	:	0.1° to 1000, 1° ABOVE 1000	

GENERAL

BATTERY	:	PP3 9V I.E.C. 6F22
BATTERY LIFE (INTERMITTENT USE)	:	GREATER THAN 200 HOURS (ALKALINE)
WEIGHT	:	155 gm
DIMENSIONS	:	130 X 70 X 33 mm

Cross-reference for compatible probes

Suitable probes for use with this instrument

TME PART No	DESCRIPTION	APPLICATION	T/C TYPE
KM08	LEGIONELLA SHOWER PROBE	SHOWER/WATER TEMPERATURE	K
KS20-S	HIGH SPEED REINFORCED DUAL SURFACE/IMMERSION PROBE	FOR SURFACE AND IMMERSION MEASUREMENT	K
KPS10	PIPE CLAMP PROBE	PROBE DESIGNED TO BE CLAMPED ONTO PIPES	K
KP05	NEEDLE PROBE	CORE TEMPERATURE OF SEMI-SOLID MATERIAL	K
KP07	NEEDLE PROBE HEAVY DUTY	CORE TEMPERATURE OF SEMI-SOLID MATERIAL	K
KM01	LIGHT DUTY M.I. PROBE	GENERAL PURPOSE LIQUID/GAS MEASUREMENT	K
KM03	M.I. PROBE	GENERAL PURPOSE LIQUID/GAS MEASUREMENT	K
KM04	M.I. PROBE EXTENDED LENGTH	GENERAL PURPOSE LIQUID/GAS MEASUREMENT	K
KS01	SURFACE BAND PROBE	FAST RESPONSE SURFACE MEASUREMENT	K
KS07	SURFACE PROBE	GENERAL PURPOSE SURFACE MEASUREMENT	K
KS08	HIGH TEMP SURFACE PROBE	HIGH TEMPERATURE SURFACE MEASUREMENT	K
KA04	AIR TEMPERATURE PROBE	FAST RESPONSE AIR TEMPERATURE PROBE	K
KH01	SOCKET IN HANDLE	HANDLE FOR USE WITH PLUG MOUNTED PROBES	K
KHA02	PLUG MOUNTED AIR PROBE	FAST RESPONSE AIR TEMPERATURE PROBE	K
KHM01	PLUG MOUNTED M.I. PROBE	GENERAL PURPOSE LIQUID/GAS MEASUREMENT	K
KHN01	PLUG MOUNTED NEEDLE PROBE	CORE TEMPERATURE OF SEMI-SOLID MATERIAL	K
KHS01	PLUG MOUNTED SURFACE BAND PROBE	FAST RESPONSE SURFACE MEASUREMENT	K
KHS02	PLUG MOUNTED SURFACE PROBE	GENERAL PURPOSE SURFACE MEASUREMENT	K
PKHV1	HVAC KIT	PROBE KIT DESIGNED FOR THE HVAC INDUSTRY	K
PKGP1	GENERAL PURPOSE KIT	PROBE KIT CONTAINING MOST POPULAR PROBES	K