KUSAM-MECO®

An ISO 9001:2008 Company

TEMPERATURE CALIBRATOR (THERMOCOUPLE) WITH 3 DISPLAY

9 FUNCTIONS 22 RANGES

Model-KM 3600

This instrument is a 4½ digit, compact-sized portable digital temperature calibrator designed to use external K/J/T/E/R/S/N/L/U/B/C type thermocouples as temperature sensor.The calibrator features a dual thermocouple input, an adjustable T/C offset. The thermocouples types comply with the (N.I.S.T. Monograph 175 Revised to ITS 90 standard).

GENERAL SPECIFICATIONS :

- **Display :** There are three LCD displays : Main, Second and Third.
  The Main and second displays are 4½ digit with maximum reading of 19999.
  The main displays the value of T1, T2 or output setting. The second displays T1 or T2 readings and the third T1-T2 and groups settings.
- **Auto Power Off.**
- **MAX / MIN / MAX-MIN / AVG / REL / HOLD Function.**
- **Battery :** Standard 9V battery.
- **Low Battery Indication :** The "− +" is displayed when the battery voltage drops below the operating level.
- **Dimension :** 192(H) X 91(W) X 52.5(D) mm
- **Weight :** 318g. Approx

ACCESSORIES :

1) Two type "K" thermocouple bead wires.
2) A 9 volts battery.
3) Instruction manual, Holster.
4) Two type "K" thermocouple calibration bead wires. Maximum insulation temperature 260°C (500°F). Wire accuracy ± 2.2°C or ± 0.75% of reading (whichever is greater) from 0°C to 800°C.

ELECTRICAL SPECIFICATIONS : KM 3600

TEMPERATURE SCALE : Celsius or Fahrenheit user-selectable.

Measurement	Range	Measurement (resolution)	Range
K-TYPE (0.1°)	-200°C to 1372°C or -328°F to 2501°F	N-TYPE (0.1°)	-200°C to 1300°C or -328°F to 2372°F
J-TYPE (0.1°)	-210°C to 1200°C or -346°F to 192°F	L-TYPE (0.1°)	-200°C to 900°C or -328°F to 1652°F
T-TYPE (0.1°)	-250°C to 400°C or -418°F to 752°F	U-TYPE (0.1°)	-200°C to 600°C or -328°F to 1112°F
E-TYPE (0.1°)	-250°C to 1000°C or -418°F to 1832°F	B-TYPE (1°)	600°C to 1820°C or 1112°F to 3308°F
R-TYPE (1°)	0°C to 1767°C or 32°F to 3212°F	C-TYPE (1°)	0°C to 2316°C or 32°F to 4200°F
S-TYPE (1°)	0°C to 1767°C or 32°F to 3212°F		

ACCURACY

K/J/T/E/L/U-TYPE ±(0.05% rdg + 0.5°C) -50°C to 1372°C ±(0.05% rdg + 1.0°C) -50°C to -250°C ±(0.05% rdg + 1.0°F) -58°F to 2501°F ±(0.05% rdg + 2.0°F) -58°F to -346°F	**N-TYPE** ±(0.05% rdg + 1.0°C) -50°C to 0°C ±(0.05% rdg + 0.5°C) 0°C to 1300°C ±(0.05% rdg + 2.0°F) -58°F to 32°F ±(0.05% rdg + 1.0°F) 32°F to 2372°F	**R/S/B/C-TYPE** ±(0.05% rdg + 2°C) 0°C to 1767°C ±(0.05% rdg + 4°F) 32°F to 3212°F
Thermocouple Simulate Range Resolution : 0.1° (1° for R/S/B/C-TYPE) Accuracy : ± (0.3°C + 10 V) Accuracy : Specified for operating temperatures over the range of 18°C to 28°C (64°F to 82°F), for 1 year, not including thermocouple error.	**mV Range** Range : -25.00mV to 75.00mV Resolution : 10 V Accuracy : ± (0.025% + 1 digit)	**Temperature Coefficient** 0.1 times the applicable accuracy specification per °C from 0°C to 18°C and 28°C to 50°C (32°F to 64°F and 82°F to 122°F).

Note: All Specification are Subject to change without prior notice.

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