

This instrument is a portable 3½ digit, compact - sized Digital Thermometer designed to use external K-type thermocouple as temperature sensor. Temperature indication follows National Bureau of Standards and IEC 584 temperature / voltage tables for K - type thermocouple.



**1000°C "K"  
Thermocouple  
Rod Type**



**"K" Thermocouple  
Pencil Type**



**"K" Thermocouple  
bead probe**



**KM945**



**KM936**

#### SPECIFICATIONS : KM936 / KM945

- ☞ **Display:** 3½ digit liquid crystal display (LCD) with maximum reading of 1999.
  - ☞ **Displays** T1, T2 & T1-T2 Temperature. (KM945).
  - ☞ **Battery :** Standard 9V battery( NEDA 1604, IEC 6F22)
  - ☞ **Power Consumption :** Approx,DC 3.8mA (typical)
  - ☞ **Dimension :** 149 (H) x 71 (W) x 41 (D) mm.
  - ☞ **Weight :** Approx, 200g (including battery).
  - ☞ **Supplied probe :**
    - KM936 :** 1 No. type "K" thermocouple bead probe (Teflon tape insulated) 4 feet long.
    - KM945 :** 2 Nos. type "K" thermocouple bead probe (Teflon tape insulated) 4 feet long.
- Maximum Insulation temperature 260°C (500°F).  
Probe accuracy ±2.2°C or ±0.75 % of 0.75% of reading  
(whichever is greater) from 0°C to 800°C

#### ACCESSORIES :

9V battery (installed), Instruction Manual, Holster and "K" thermocouple bead probe 2 Nos.

#### ELECTRICAL SPECIFICATIONS : KM936

Resolution	Range	Accuracy
0.1°C	-50°C ~ 199.9 °C	-50°C~199.9°C ±(0.3% + 1°C)
0.1°F	-58°F ~ 199.9 ° F	-58°F~199.9°F ±(0.3% + 2°F)
0.1°C	-50°C ~ 1300 °C	-50°C~1200°C ±(0.3% + 2°C)
		1200°C~1300°C ± (0.6% + 2°C)
0.1°F	-58°F ~ 1999 ° F	-58°F~1200°F ±(0.3% + 2°F)
		1200°F~1999°F ±(0.6% + 2°F)

**Input Protection :** 60V DC or 24V AC maxi. input voltage on any combination input pins.

#### ELECTRICAL SPECIFICATIONS : KM945

Range	-50°C ~ 1300°C or -58°F ~ 1999°F
<b>Resolution</b>	1°C or 1°F
<b>Accuracy</b>	-50 ~ 1200°C ±(0.3% + 2°C) 1200°C ~ 1300°C ±(0.6% + 2°C) -58 ~ 1200°F ±(0.3% rdg + 2°F) 1200 ~ 1999°F ±(0.6% rdg + 2°F) For T1-T2 measurement, the accuracy ±(0.5% T1-T2 reading + 2°C) or ±(0.5% T1-T2 reading + 2°F)

**Input Protection :** 60V DC or 24V AC maxi. input voltage on any combination input pins.

**All Specifications are subject to change without prior notice**