

Thermometer

MODEL TES-1300/1302/1303

- Max Hold Function
- Data Hold Function
- Aux output JACKS
- T1-T2 differential measurement



Specifications for TES-1300/1302/1303

Measuring Range: -50°C -1300°C;
-50°F -1999°F

Sensor: K Type thermocouple

Input: Single(1300), Dual (1302,1303)

Resolution: -50°C + 199.9°C...0.1°C
-50°F + 199.9°F...0.1°F
(Others-1°C/1°F)

Accuracy:

-50°C to 199.9°C...0.3% rdg + 1°C
-50°F to 199.9°F...0.3% rdg + 2°F
-50°C to 1000°C...0.5% rdg + 1°C
-50°F to 1999°F...0.5% rdg + 2°F
1000°C to 1300°C...0.75% rdg + 1°C
(apply to mainframe only at 23°C +/- 5°C)

Operating Condition

0°C - 50°C (32°F-122°F),
0-90% R.H. (0-35°C)

Power Source: one 9V battery

Size Weight:

135mm(L)x72mm(W)x31mm(H) & 57g
Accessories: Battery & Instruction Manual

*** OPTIONAL TEMPERATURE PROBES**

Model Range(Type K(CA)THERMOCOUPLE)

TP-K01 Bead -50°C to 200°C/-58°F to 392°F

General Purpose

TP-K02 Immersion -50°C to 1000°C/-58°F to 1832°F

Liquid or gels.

TP-K03 Surface -50°C to 750°C/-58°F to 1382°F

Function : H Data Hold

& Display °C/°F selection

0.1°/1° resolution selection

T1 & T2 dual points display

T1 - T2 differential measurement

3-1/2 digit LCD

Overrange: 1-----

Low Battery: BT

Temperature Coefficient

Less than 0.1 time the applicable
accuracy specification per °C (°F)

Input Protection

60V DC or 24 Vrms AC maximum
input voltage on any combination of
input Connector.

Sampling Rate: 2.5 times/sec.