

TEMPMET

PRECISION THERMOMETER

TEMPMET 08 - RTD + THERMOCOUPLE

Specifications

RTD + T/C type	RTD + T/C range	Accuracy
Pt100	-200°C ~ +850°C	±0.05°C
K	-200°C ~ +1372°C	±1.50°C
S	0°C ~ 1768°C	±2.40°C
E	-200°C ~ +1000°C	±1.20°C
T	-200°C ~ +400°C	±1.20°C
J	-210°C ~ +1200°C	±1.20°C
R	0°C ~ +1768°C	±2.40°C
B	300°C ~ +1820°C	±2.40°C
N	-200°C ~ +1300°C	±1.80°C

Operation Temperature and Humidity :	0°C ~ 50°C, <80% RH
Storage Temperature and Humidity :	-10°C ~ 60°C, <70% RH
Power Requirement :	(AA Size) batteries, up to 1500 hours of continuous work time
Input Protection at Thermocouple Input :	24V AC/DC Maximum
Dimension(Without holster) :	115 mm X 70 mm x 30 mm (LxWxH)
Weight :	Approx.0.25 Kg (Include Battery)

INPUT

Thermocouple: K, S, E, T, J, R, B, N

RTD : Pt100

Unit : °C, F, K

Resolution : 0.0°C/0.0°F



TEMPMET 09 - RTD + THERMOCOUPLE

Specifications

RTD + T/C type	RTD + T/C range	Accuracy
Pt100	-200°C ~ +850°C	±0.02% RDG +0.060°C
Pt1000	-140°C ~ +320°C	-
Cu50	-50°C ~ +150°C	± 0.080°C
Cu100	-50°C ~ +150°C	± 0.060°C
Ω	-0.000 ~ 2200 Ω	±0.02% RDG +50mΩ
mV	-100.0 ~ +200.0mV	±0.015% RDG +10μV
mA	-2.0 ~ +24.0mA	±0.03% RDG +3μA
K	-200°C ~ +1372°C	±0.50°C
S	-0.0 ~ 1768°C	±0.8°C
E	-200 ~ +1000°C	0.40°C
T	-200 ~ +400°C	±0.50°C
J	-210 ~ +1200°C	±0.50°C
R	0.0 ~ 1768°C	±0.8°C
B	300 ~ +1820°C	±0.9°C
N	-200 ~ +1300°C	±0.50°C

Operation Temperature and Humidity	0°C ~ 50°C, <80% RH
Storage Temperature and Humidity	-10°C ~ 60°C, <70% RH
Power Requirement	(AA Size) batteries, up to 1500 hours of continuous work time
Input Protection at Thermocouple Input :	24V AC/DC Maximum
Dimension(Without holster) :	115 mm X 70 mm x 30 mm (LxWxH)
Weight :	Approx.0.25 Kg (Include Battery)

INPUT

Thermocouple: K, S, E, T, J, R, B, N

RTD : Pt1000, Cu50, Cu10

mV : -100 to 200mV

mA : -2 to 24 mA

Resistance : 0 to 500 Ohms

Unit : Ohms, mA, mV, °C, F, K

Resolution : 0.000°C/0.000°F, 0.000 A/V/mA/mV

