

# Digital Thermometer



## Features

- TYPE K Thermocouple Input- Rugged design for field use
- Good accuracy
- High measuring range

## Applications

Electrical and Industrial, Laboratories and Clean room, Maintenance & Facilities, Automotive and Diesel, Food Safety and HVAC

## SPECIFICATIONS

Type	AI 38 (Single Input)
Numerical Display	4 digital LCD
Measurement Range	-200°C ~ 1370°C (-328°F to 2498°F)
Resolution	-200°C ~ 200°C 0.1°C; 200°C ~ 1370°C 1°C
Maximum Voltage at Thermocouple Input	60V DC, or 24 Vrms AC

## ENVIRONMENTAL

Operating Temperature and Humidity	0°C ~ 50°C; 0 ~ 80% RH
Storage Temperature and Humidity:	-10°C to 60°C; 0~ 80% RH
	Altitude up to 2000 meters.
Power requirement	9 Volts Battery, NEDA 1604 or JIS 006P or IEC6F22
Battery Life	Approx. 100hrs with alkaline battery
AC adapter	9VDC +/-15% 100mA (not included)
Plug Diameter	3.5 x 1.35mm

## RANGE

## ACCURACY

-200 °C to 200 °C	+/- (0.3% reading + 1 °C)
200 °C to 400 °C	+/- (0.5% reading + 1 °C)
400 °C to 1370 °C	+/- (0.3% reading + 1 °C)