

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 temperature/voltage tables for K-type thermocouples. One or two K-type thermocouples are supplied with the thermometer (Depending model).

### CHARACTERISTICS

- Accept K Type thermocouple
- Maximum reading memory
- Meter includes one K-type thermocouple probe, 9V battery, Manual, Hard plastic case.
- Low battery indicator
- Hold function
- Temperature coefficient: 0.1 times the applicable accuracy specification per °C from 0°C to 18°C and 28°C to 50°C
- °C / °F unit switchable
- Auto power off (20min), disable sleep mode



#### IN01610

Range: -50 ~ 1300°C  
Resolution 0.1°C / 1°C  
Single input

#### IN01612

Range: -50 ~ 1300°C  
Resolution: 0.1°C / 1°C  
Dual input

### SPECIFICATIONS

Model	Temperature Scale	Measurement Range	Range	Accuracy	Resolution
IN01610	Celsius (°C)	-50°C to 1300°C	-50°C to 1300°C	±2°C	0.1°C or 1°C
			0°C to 199.9°C	±(0.5% rdg +1°C)	
			200°C to 1000°C	±(0.8% rdg +1°C)	1°C
	Fahrenheit (°F)	-580°F to 2000°F	-58°F to 32°F	±4°C	0.1°F or 1°F
			-32°F to 199.9°F	±(0.5% rdg +2°F)	
			200°F to 2000°F	±(0.8% rdg +2°F)	1°F
Kelvin (K)	223K to 2000K	223K to 273K	±5K	1K	
		273K to 2000K	±(1.0% rdg +2K)		
IN01612	Celsius (°C)	-50°C to 1300°C	-50°C to 1300°C	±2°C	0.1°C or 1°C
			0°C to 199.9°C	±(0.5% rdg +1°C)	
			200°C to 1000°C	±(0.8% rdg +1°C)	1°C
	Fahrenheit (°F)	-580°F to 2000°F	-58°F to 32°F	±4°C	0.1°F or 1°F
			-32°F to 199.9°F	±(0.5% rdg +2°F)	
			200°F to 2000°F	±(0.8% rdg +2°F)	1°F

### Probes

01011		even 200°C	Air	∅ 3.5mm
01013		even 500°C	Air	∅ 3.5mm
01021		even 200°C	Imersion Penetration	∅ 3.5mm
01023		even 500°C	Imersion Penetration	∅ 3.5mm
01015		even 200°C	Imersion Penetration	∅ 1.5mm
01031		even 200°C	Surface	∅ 5mm
01033		even 500°C	Surface	∅ 5mm
01033		even 400°C	Flexible	∅ 1.5mm

### Connectors

01000-MK	
01000-MK	

REV 0407a



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