



ENGLISH

Datasheet

Stock No. 123-2217

RS-1327K

Infrared / K Thermometer



FEATURES

- °C/ °F Selectable
- Backlit LCD display
- Sighting laser
- Auto-hold function
- Maximum/minimum reading recorder function
- Auto power-off
- Type K thermocouple thermometer

K-TYPE THERMOMETER

Measurement Range: -150°C ~ 1350°C (-238°F ~ 1999°F)

Resolution: 0.1°C/1°C, 0.1°F/1°F

Function	Resolution	Range	Accuracy
°C	0.1°C	-150°C ~ 0°C	±(0.2%rdg + 1.0°C)
		0°C ~ 200°C	±(0.1%rdg + 1.0°C)
	1°C	200°C ~ 1350°C	±(0.2%rdg + 2°C)
°F	0.1°F	-238°F ~ 32°F	±(0.2%rdg + 2°F)
		32°F ~ 200°F	±(0.1%rdg + 2°F)
	1°F	200°F ~ 1999°F	±(0.2%rdg + 4°F)

SPECIFICATIONS

Display	Backlight LCD display
Measurement Range	-35°C ~ 500°C (-31°F ~ 932°F)
Resolution	0.1°C / 0.2°F
Accuracy	± 2% reading or ± 2°C
Spectral Response	6 ~ 14 μm
Field of View	12 :1 optics ratio with a 1" min target
Emissivity	0.17 ~ 1.00
Auto power off	approx. 15 sec
Sighting	Laser marker < 1mw (class 2)
Data memory capacity	99 sets (Direct reading from LCD display)
Battery Life	Approx. 100hours (laser pointer and backlight aren't on use) (Alkaline batteries)
Power Source	One 9V cell (ANSI/NEDA-1604A, IEC-6LR61)
Operating temperature	0 to 50°C (32 to 122°F)
Operating humidity	Below 80% RH
Storage temperature	-10 to 60°C, 14 to 140°F
Storage humidity	Below 70% RH
Dimensions	172mm×118mm×46mm
Weight	220g
Accessories	Instruction manual, Battery, Carrying case