

Infrared temperature range

Infrared temperature range	D:S	Resolution	Infrared temperature range	Accuracy ±(% m.v. + digits)
-50.0...+999.9°C		0.1°C	-50...+20°C	±2.5°C
-58.0...999.9°F		0.1°F	-58...+68°F	±4.5°F
1000...1600°C	50:1	1°C	20...400°C	±(1.0% m.v. + 1°C)
1000...2912°F		1°F	68...752°F	±(1.0% m.v. + 1.8°F)
			400...800°C	±(1.5% m.v. + 2°C)
			752...1472°F	±(1.5% m.v. + 3.6°F)
			800...1600°C	±2.5% m.v.
			1472...2912°F	

Temperature range for K probe

Range	Resolution	Accuracy ±(% m.v. + digits)
-50.0...+999.9°C	0.1°C	±(1.5% m.v. + 3°C)
-58.0...+999.9°F	0.1°F	±(1.5% m.v. + 5°F)
1000...1370°C	1°C	±(1.5% m.v. + 2°C)
1000...2498°F	1°F	±(1.5% m.v. + 3.6°F)

Technical specification

LCD display	segmented, with backlight	
Spectral sensitivity	8~14 μm	
Emissivity	digitally adjust from 0.10 to 1.00	
Semi-conductor laser diode	output power	<1 mW
	wavelength	630~670 nm
	class	class 2 (II) laser
Power supply	9 V alkaline battery NEDA 1604A or IEC 6LR61	
Operating temperature range	0...50°C 32...122°F	
Storage temperature	-20...+60°C -4...+140°F	
Humidity	10...90%	
Indication of range overflow	the display will read the symbol "----"	
Response time	150 ms	
Weight	350 g 0.8 lbs	
Dimensions	230 x 155 x 54 mm 9.0" x 6.1" x 2.1"	

Abbreviation „D:S” used in the specification of measurement means a distance-to-spot ratio.
Abbreviation „m.v.” used in the specification of measurement means a measured value.

Standard accessories



Carrying case



Mini-USB data transmission cable

WAPRZUSBMNIB5



Mini tripod (1/4")

WAPOZSTATYW



K-type temperature probe

WASONTEMK



Factory calibration certificate

Optional accessories



K-type temperature probe (bayonet)

WASONTEMP



K-type temperature probe (metal)

WASONTEMK2



M-13 carrying case

WAFUTM13



Calibration certificate with accreditation