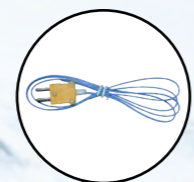


This infrared thermometer is used for measuring the temperature of the object's surface, which is applicable for various hot, hazardous or hard-to-reach objects without contact safely and quickly.



- WT323A
- WT323B
- WT323C
- WT323D
- WT323E

K-type thermocouple socket



K-type thermocouple

Hd color screen display



Low temperature measurement



Smelt



Wire temperature



High temperature measurement

Specification	WT323A	WT323B	WT323C	WT323D	WT323E
LCD Display	Color screen LCD	Color screen LCD	Color screen LCD	Color screen LCD	Color screen LCD
Resolution	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Measuring range	-50°C ~650°C (-58°F ~ 1202°F)	-50°C ~850°C (-58°F ~ 1562°F)	-50°C ~650°C (-58°F ~ 1202°F)	-50°C ~850°C (-58°F ~ 1562°F)	-50°C ~1050°C (-58°F ~ 1922°F)
Accuracy	>0°C:±1.5°C or±1.5% Whichever is greater <0°C:±3°C	>0°C:±1.5°C or±1.5% Whichever is greater <0°C:±3°C	>0°C:±1.5°C or±1.5% Whichever is greater <0°C:±3°C	>0°C:±1.5°C or±1.5% Whichever is greater <0°C:±3°C	>0°C:±1.5°C or±1.5% Whichever is greater <0°C:±3°C
Repeatability	1% rdg or 1°C(take maximum data between them)	1% rdg or 1°C(take maximum data between them)	1% rdg or 1°C(take maximum data between them)	1% rdg or 1°C(take maximum data between them)	1% rdg or 1°C(take maximum data between them)
Response time	0.5s, 95% response	0.5s, 95% response	0.5s, 95% response	0.5s, 95% response	0.5s, 95% response
Emissivity	0.10~1.00 adjustable (0.95preinstall)	0.10~1.00 adjustable (0.95preinstall)	0.10~1.00 adjustable (0.95preinstall)	0.10~1.00 adjustable (0.95preinstall)	0.10~1.00 adjustable (0.95preinstall)
D:S	12:1	12:1	12:1	12:1	16:1
Wave length	(5~14)um	(8~14)um	(5~14)um	(8~14)um	(8~14)um
Measuring range of K-type thermocouple	×	-40°C ~500°C (-40°F ~ 932°F)	-40°C ~500°C (-40°F ~ 932°F)	-40°C ~500°C (-40°F ~ 932°F)	-40°C ~500°C (-40°F ~ 932°F)
Environment temperature measurement range	×	×	-20°C ~60°C (-4°F ~ 140°F)	-20°C ~60°C (-4°F ~ 140°F)	-20°C ~60°C (-4°F ~ 140°F)
Environmental temperature measurement accuracy	×	×	±1°C (2.0°F)	±1°C (2.0°F)	±1°C (2.0°F)
Relative humidity measurement accuracy	×	×	±5%RH	±5%RH	±5%RH
Power	1.5 V *2 AAA batteries	1.5 V *2 AAA batteries	1.5 V *2 AAA batteries	1.5 V *2 AAA batteries	1.5 V *2 AAA batteries
Low battery Indication	<2.4V	<2.4V	<2.4V	<2.4V	<2.4V
Overload Indication	LCD display"Hi"/"Lo"	LCD display"Hi"/"Lo"	LCD display"Hi"/"Lo"	LCD display"Hi"/"Lo"	LCD display"Hi"/"Lo"
Operating Temperature	0°C~40°C (32°F~104°F)	0°C~40°C (32°F~104°F)	0°C~40°C (32°F~104°F)	0°C~40°C (32°F~104°F)	0°C~40°C (32°F~104°F)
Operating Humidity	(10%~90%)RH Non-Freezing & Non-Toxic	(10%~90%)RH Non-Freezing & Non-Toxic	(10%~90%)RH Non-Freezing & Non-Toxic	(10%~90%)RH Non-Freezing & Non-Toxic	(10%~90%)RH Non-Freezing & Non-Toxic
Environmental storage temperature	-10°C~60°C (14°F~140°F)	-10°C~60°C (14°F~140°F)	-10°C~60°C (14°F~140°F)	-10°C~60°C (14°F~140°F)	-10°C~60°C (14°F~140°F)
Specification of a complimentary K-type thermocouple		√	√	√	√
Messuring range	×	0°C~250°C (300°C in short time)	0°C~250°C (300°C in short time)	0°C~250°C (300°C in short time)	0°C~250°C (300°C in short time)
Error		2.5°C or 0.75% rdg (take maximum data between them)	2.5°C or 0.75% rdg (take maximum data between them)	2.5°C or 0.75% rdg (take maximum data between them)	2.5°C or 0.75% rdg (take maximum data between them)
Response time		<10s	<10s	<10s	<10s

Function	WT323A	WT323B	WT323C	WT323D	WT323E
UV-lamp function	√	√	√	√	√
Circular laser function	√	√	√	√	√
Mildew alarm Indication	√	√	√	√	√
Temperature difference alarm indication	√	√	√	√	√
Data Store and Recall	√	√	×	×	×
Trigger lock	√	√	×	×	×