

Specification	WT320	WT300	WT550	WT700	WT900
Temperature range	-50~380°C (-58~716°F)	-50~420°C (-58~788°F)	-50~550°C (-58~1022°F)	-50~750°C (-58~1382°F)	-50~950°C (-58~1742°F)
Repeatability	1% of reading or 1°C				
Response time	500 mSec, 95% response				
Accuracy	>0°C:±1.5°C or±1.5%, Whichever is greater <0°C:±3°C				
Spectral response	5-14 um				
Emissivity	0.95 Preset 0.8 optional	0.10~1.00 Adjustable (0.95 Preset)			
Operating Temperature	0~40°C (32~ 104°F)				
Operating Humidity	10~95%RH non-condensing, up to 30°C(86°F)				
Distance to Spot size	12:1				
Power supply	2*1.5V AAA battery			9V Alkaline battery	

Function	WT320	WT300	WT550	WT700	WT900
High and low temperature limit alarm	x	√	√	√	√
Data retention	√	√	√	√	√
Backlit screen	√	√	√	√	√
Low battery reminder	√	√	√	√	√
Maximum/minimum/difference/average	x	√	√	√	√
Adjustable emissivity	x	√	√	√	√
Automatic shutdown	√	√	√	√	√
°C/°F temperature unit conversion	√	√	√	√	√
Position the laser	√	√	√	√	√
Self-calibration function	√	x	x	x	x
Data storage and reading function	x	x	x	√	√

This infrared thermometer determines surface temperature of an object by measuring infrared energy radiated from object surface. It is a non-contact forehead infrared thermometer designed specifically for measuring forehead temperature of human body. It cannot be used for other body parts.

- Function**
- ▶ Three-color backlight and fever indicator
  - ▶ Two measurement modes can be switched
  - ▶ Automatic shutdown after 20s(±2s) of no operation
  - ▶ Fever indicator time can be set
  - ▶ Temperature correction setting
  - ▶ 32 groups of measurement data can be stored
  - ▶ Silent mode setting
  - ▶ Switch between centigrade degree and Fahrenheit degree

Specification	Body	Surface
Mode	Body	Surface
Measurement range	32°C~43°C(89.6°F~109.4°F)	0°C~100°C(32°F~212°F)
Error	32°C~34.9°C(89.6°F~94.82°F): ±0.3°C(±0.5°F)	±2°C(±3.6°F)
	35°C~42°C(95°F~107.6°F): ±0.2°C(±0.4°F)	
	42.1°C~43°C(107.78°F~109.4°F): ±0.3°C(±0.5°F)	
Backlight indication	Green: ≤37.3°C (99.14°F)	Green: 0°C~100°C (32°F~212°F)
	Orange: 37.4°C (99.32°F) ~37.9°C (100.22°F)	
	Red: ≥38°C (100.4°F)	
Measuring part	Forehead	Surface
Resolution	0.1°C(0.1°F)	
Measuring distance	1~3cm	
Overload indication	LCD shows "Hi"/"Lo" backlight indicator: red	
Working environment	Temperature, 16~35°C(60.8~95°F)	
	Relative humidity, ≤85%	
Transport and storage	Pressure, 70kPa~106kPa	
	Temperature, -22~55°C(-7.6~131°F)	
Over working temperature indication	Relative humidity, ≤93%	
	Pressure, 70kPa~106kPa	
Auto power-off	LCD shows "AT H"/"AT L"	
Power supply	20s(±2s) no operation	
	DC 3V (2*1.5V AAA batteries)	

**Application**

