

IT-01: Contactless Thermometer

- * **Thermometer In Anywhere**
- * **Non-Contact! Quick! Accuracy!**
- * **Digital Indicator**
- * **Digital LCD Display**



Application		
Home	To detect air/heater leakage; to measure oil temperature when making deep-fry; to check milk/water temperature for Baby; to manage the temperature when making foods;	
Outdoor	To monitor the temperatures for soil, hot spots, grill/BBQ; to keep food/product in adequate temperature environment;	
Electric/Mechanical/Automobile/ All Kinds of Safety	To diagnose cooling systems; to avoid engine overhead; fire safety; to have safe & fun play on slides in summer; safety check for chemical stores;	
Specifications	IT-01A1	IT-01A2
Description	Compact IRT	
Scale	°C and °F switchable	
Response Time (90%)	1 second	
Measurement Range	-33°C ~ 110°C (-27°F ~ 230°F)	-33°C ~ 220°C (-27°F ~ 428°F)
Operating Range	0°C ~ 50°C (-32°F ~ 122°F)	
Accuracy	Above 100°C ±2.0%, Below 100°C: ±2.0°C Above 212 °F: ±2.0%, Below 212°F: ±4.0°F	
Resolution at -9.9°C ~199.9°C	0.2°C / 0.5°F	
D: S	1:1	
Emissivity	0.95 fixed	
Update Frequency (about)	1 Hz	
Wave Length	5um ~ 14um	
Power	389A x 2	
Dimension	84mm x 22mm x 18mm	
Weight	19g w/battery; 15g w/o battery	

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