

IT-03: Contactless Thermometer

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



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-03A1	IT-03A2
Description	Compact IRT	
Additional Function	Real Time Clock When Idle	
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 Supply	AAA battery x 2	
Dimension	85mm x 37mm x 15mm	
Weight	45g w/battery; 35g w/o battery	

Landis & Gyr Taiwan Ltd.
 4F-2, No.181, Sec.1, Datong Rd.,
 Sijhih City, Taipei County, Taiwan.
 Tel: +886 2 2641 2068
 Fax: +886 2 2641 2063
<http://www.landisgyr.com.tw>