

UT305A Infrared Thermometer

UT305 series infrared thermometers can measure temperature by laser or contact with k-type temperature probe. UT305 has a 50:1 D:S ratio, so it can measure long range temperature points of interest with great accuracy. UT305 also has 99 sets of data storage and USB data transmission. They are ideal tools for industrial quality inspection such as HVAC and electronics manufacturing.



Technical Specifications:

Specifications	Range
Model	UT305A
Temperature Range	-50°C ~ 1050°C
	-58°F ~ 1922°F
Accuracy	±1.8°C or ±1.8%

Repeatability	$\pm 0.5^{\circ}\text{C}$ or $\pm 0.5\%$
Resolution	0.1 (When $< 10^{\circ}\text{C}$: 0.2)
Distance to Spot Size	50 : 1
Response Time	250ms (95% of reading)
Emissivity	0.10 ~ 1.0 Adjustable
Laser Type	Class 2 (II)
Laser Power	$< 1\text{mW}$
Laser Wavelength	630nm ~ 670nm
Spectral Response	$8\mu\text{m} \sim 14\mu\text{m}$
Features	
$^{\circ}\text{C}/^{\circ}\text{F}$ Selection	√
Laser Switch	√
Display Hold (s)	8 Seconds
Data Hold	√
Auto Power Off	√
Low Battery Indication	√
MAX Mode	√
MIN Mode	√
DIFF Mode	√
AVG Mode	√
Data Logging	99
USB Interface	√

High Alarm	√
Lower Alarm	√
LCD Backlight	√
Electricity Cut-off Memory	√
Tripod Mount	√
T-C Thermocouple Measurement	√
General Characteristics	
Power	USB or 9V Battery (6F22) or Power Adaptor
LCD Size	33mm X 38mm
Product Color	Red and Grey
Product Net Weight	320g
Product Size	183mm X 147mm X 57mm
Standard Accessories	Battery, USB Interface Cable, PC Software CD
Standard Individual Packing	Gift Box, Tool Box, English Manual
Standard Quantity Per Carton	5pcs
Standard Carton Measurement	480mm X 372mm X 315mm (0.056 CBM Per Standard Carton)
Standard Carton Gross Weight	11kg