

技术咨询和询价：010-68940148

ORDER CODE HA003300

康高特-HT HT3300红外测温仪



ULTRA-COMPACT INFRARED THERMOMETERS

Handy and extremely practical systems for reading infrared temperature with a laser system, providing visual and audio indications every time the measured value changes. **HT3305** also allows performing **temperature measurements with a K-type probe**. These models were thought for very quick measurements to detect, with no loss of time, temperature variations.



Functions

	HT3300	HT3305
Infrared temperature measurement	-50°C ÷ 380°C	-50°C ÷ 1000°C
Built-in laser pointer	•	•
Laser pointer area for an immediate localization of distance/spot	•	•
Automatic reading lock (HOLD)	•	•
Auto Power OFF	•	•
Distance / Spot ratio D:S	12:1	20:1
Temperature measurement with K-type probe	-	•
Adjustment of emissivity	- (>0.95)	•
Measures in °C/°F	•	•
Data HOLD	•	•
MAX, MIN, AVG functions	•	•
Acoustic alarm for values higher than MAX and lower than MIN	•	•
Backlight	•	•
Auto Power OFF	•	•
Ergonomic and ultra-compact design	•	•



Main features

Laser pointer:	Class 2
Display:	LCD with backlight
Power supply:	1x9V battery type 6F22 (HT3300) 2x1.5V batteries type AAA LR03 (HT3305)
Auto Power OFF:	after 10 seconds' idling
Size (L x W x H):	136×75×40mm (HT3300), 180×105×55mm (HT3305)
Weight (batteries included):	140g (HT3300), 240g (HT3305)



Technical specifications

Infrared temperature measurement

- Measuring range °C: -50°C ÷ 380°C (**HT3300**);
-50°C ÷ 1000°C (**HT3305**)
- Measuring range °F: -58°F ÷ 716°F (**HT3300**);
-58°F ÷ 1832°F (**HT3305**)
- Resolution: 0.1 °C - 0.1 °F
- Basic accuracy: ±1°C or ±1% reading
- Response time: <150ms
- Spectrum response: 8 ÷ 14µm
- D/S ratio: 12:1 (**HT3300**); 20:1 (**HT3305**)
- Emissivity range: 0.95 fixed (**HT3300**); 0.01 ÷ 1.00 (**HT3305**)

Temperature measurement with K-type probe (**HT3305**)

- Measuring range °C: -50°C ÷ 1370°C
- Measuring range °F: -58°F ÷ 2498°F
- Resolution: 0.1 °C - 0.1 °F
- Basic accuracy: ±0.5% rdg (only device without probes)
- Response time: <150ms



Included accessories

Batteries

K-type wire probe (**HT3305**)

Transport bag

User manual



1. TECHNICAL SPECIFICATIONS

Infrared measurement

Function	Range	Resolution	Accuracy	Response time
°C	-50°C ÷ 20°C	0.1°C	±2.5°C	150ms
	20°C ÷ 380°C		±(1%rdg + 1°C)	
°F	-58°F ÷ 68°F	0.1°F	±4.5°C	
	68°F ÷ 716°F		±(1%rdg + 1.8°F)	

Repeatability measurement:

Spectral response :

D/S ratio:

Sensor:

Laser:

±1°C / ±1.8°F

8 ÷ 14μm

12:1

thermopile

double pointer (<1mW , Class 2)

2. GENERAL SPECIFICATIONS

Display:

Auto Power OFF:

Acoustic alarm:

Features:

Power supply:

Operating temperature:

Operating humidity:

Storage temperature:

Storage humidity:

Dimensions (L x W x H):

Weight (included battery):

backlight LCD Display.

approx. 10s

higher MAX / lower MIN

Data HOLD, MAX/MIN

1x9V battery type IEC6F22, NEDA1604.

0°C ÷ 50°C

10%HR ÷ 90%HR

-10°C ÷ 60°C

<80%RH.

136×75×40mm

140g