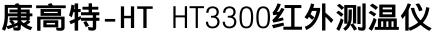
## 技术咨询和询价:010-68940148

ORDER CODE **HA003300** 





#### **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	•	•



#### Included accessories

**Batteries** 

K-type wire probe (HT3305)

Transport bag

User manual



### **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 140g (HT3300), included): 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



# HT3300

Rel. 1.00 of 29/01/16

## **Compact infrared thermometer**

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# 1. TECHNICAL SPECIFICATIONS

### Infrared measurement

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

 $\begin{tabular}{lll} Repeatibility measurement: & $\pm 1^{\circ}C \ / \pm 1.8^{\circ}F \\ Spectral response: & $8 \div 14 \mu m \\ D/S \ ratio: & 12:1 \\ Sensor: & thermopile \\ \end{tabular}$ 

Laser: double pointer (<1mW , Class 2)

# 2. GENERAL SPECIFICATIONS

Display: backlight LCD Display.

Auto Power OFF: approx. 10s
Acoustic alarm: higher MAX / lower MIN
Features: Data HOLD, MAX/MIN

Power supply: 1x9V battery type IEC6F22, NEDA1604.

 $\begin{array}{lll} \text{Operating temperature:} & 0^{\circ}\text{C} \div 50^{\circ}\text{C} \\ \text{Operating humidity:} & 10\%\text{HR} \div 90\%\text{HR} \\ \text{Storage temperature:} & -10^{\circ}\text{C} \div 60^{\circ}\text{C} \\ \text{Storage humidity:} & <80\%\text{RH.} \\ \text{Dimensions (L x W x H):} & 136\times75\times40\text{mm} \end{array}$ 

Weight (included battery): 140g