

ORDER CODE HA003302

# HT3302

INFRARED THERMOMETER  
WITH LASER RETICLE PROJECTION



The model HT3302 is a portable digital thermometer that performs contactless **temperature measurements** on any object extremely fast.

The measurements are carried out with great precision thanks to the **integrated laser pointer** and an optimal **Distance/Measurement Spot ratio of 12:1**.

An interesting feature of this instrument is the **indication, projected onto the surface tested, of the exact area to be measured**.

Very often, when using this kind of equipment (i.e. equipped with laser pointer), it is incorrectly considered that the measured area is exactly that indicated by the laser pointer.

HT3302 is extremely easy to use with a **Joystick** that enables quick selection of internal functions.

The auto power off function allows the instrument to preserve the internal battery when the device is not used.



## Functions

- Infrared temperature measurement up to 500° C
- Integrated laser pointer
- Laser pointers for instant location of distance/measurement spot
- Automatic read lock (HOLD)
- Auto Power OFF
- Distance/Measurement spot Ratio D:S = 12:1
- Measurements in °C/°F
- Object emissivity adjustable from 0.10 to 1.00
- Backlight LCD
- Built-in white LED lights
- Integrated blue LED lights with UV function
- Measurements of MAX, MIN, MAX-MIN, AVG values
- Upper (HIGH) and lower (LOW) alarm threshold settings
- Joystick for quick selection of internal functions
- Modern ergonomic design



## Supplied accessories

Batteries

Transport bag

User manual



## Main features

<b>Laser Pointer:</b>	Class 3R (according to EN60825-1:2014)
<b>UV Pointer:</b>	Group 1 (according to IEC62471)
<b>Max operating altitude:</b>	2000m
<b>Safety:</b>	IEC/EN61010-1
<b>Vibrations:</b>	2.5 g in accordance with IEC60068-2-6, 10÷200Hz
<b>Shock:</b>	50 g in accordance with IEC60068-2-27, 11ms
<b>Drop test:</b>	1.2m (4ft)
<b>Display:</b>	5-digit backlight LCD
<b>Power supply:</b>	3x1.5V alkaline battery type AA LR06
<b>Battery life:</b>	approximately 20 hours (laser and backlight on)
<b>Auto Power OFF:</b>	after 5 minutes of inactivity
<b>Dimensions (L x P x H):</b>	185 x 104 x 54mm
<b>Weight (batteries included):</b>	380g



## Technical specifications

### Infrared temperature measurement

- Reading range °C: -30° ÷ 500°C
- Reading range °F: -22° ÷ 932°F
- Resolution: 0.1 °C - 0.2 °F
- Standard accuracy: ±1.5°C or ±1.5%reading
- Response time: <500ms
- Spectral sensitivity: 8 ÷ 14µm
- D/S ratio: 12:1
- Emissivity range: 0.10 ÷ 1.00