



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.

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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

Main features

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

Supplied accessories

Batteries

Transport bag

User manual