

Infrared pyrometer IN12

Temperature measurement
from -32 to +400°C

Conformity CE

Designed for industry: Agro-foodstuffs, composite products, paper and wood industry, textiles, rubber and PVC, paint, glass, ceramics, public works, building, local authority utilities services, air conditioning

Precision infrared pyrometer IN12 is a low-cost, user-friendly thermometer featuring access to all controls using just one hand. Equipped with laser, the IN12 is suitable for any type of non contact temperature measurement.

The device is delivered with a certificate of conformity.



Specifications

Detector	Thermopile
Measurement range	-32 to + 400°C :
Accuracy ($\epsilon = 1$) (T° of use = 23°C)	2% of measured value in °C + 1 digit or 2 K + 1 digit.
Reproducibility	11% of the measured value in °C + 1 digit (23°C and $\epsilon = 0,95$)
Response time t_{90ms}	300 ms
Spectral band	8 to 14 μ m
Emission factor	95% (non adjustable)
Display unit	Liquid crystal
Display resolution	1K
Display lighting	Adjusts automatically to ambient light
Temperature display	°C or °F. 3 digits, height 9 mm
Compensated temperature	Adjusted in relation to the ambient
Operating fonctionnement	0 to + 55°C
Storage temperature	-20 to + 70°C
Degree of protection	IP 20
Power supply	Standard 9 volt battery (type IEC 6 LR61supplied)

Functions

MAX/MIN/ Δ T/ Δ VG	HOLD/s
No	10 s

Laser sighting Class 2
Power < 1 mW, 650 nm
If ambient temperature > 50°C,
the laser automatically cuts off

Lens aperture 20mm

Measurement distance

Measurement distance (mm)	0	500	1000	2000
\varnothing du spot measurement (mm)	20	60	100	220

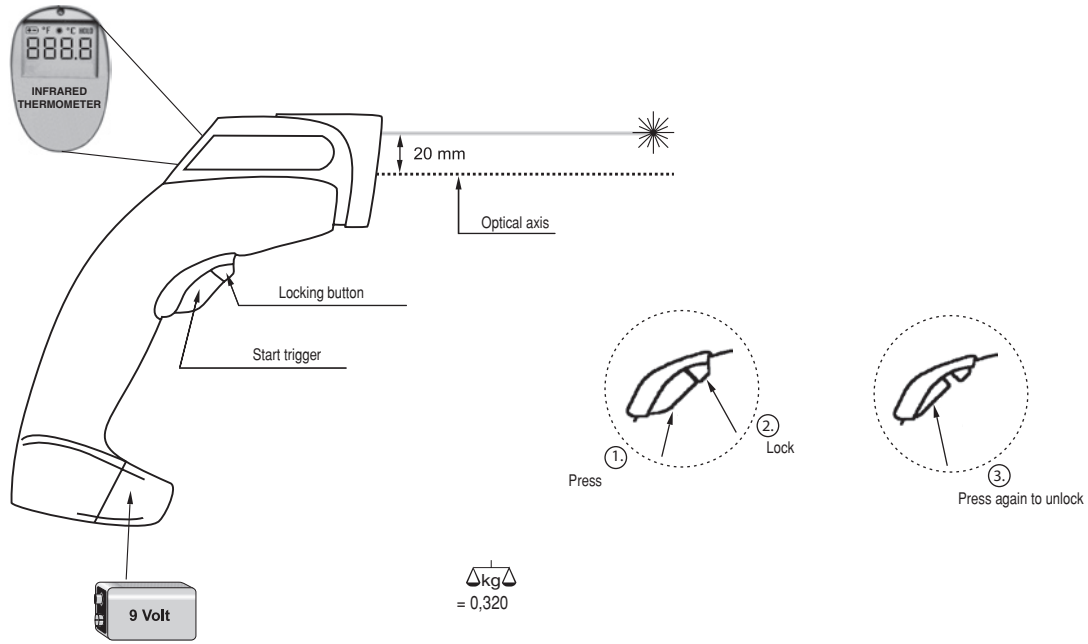
Case ABS, class UL VO

Camera stand attachment UNC 1/4"

Battery life With laser : 25 hours
Without laser : 80 hours

CE approval Valid EMV inspection

Dimensions (mm)



Options

Carrying case

Calibration certificate :

- 1 measurement point at 200°C
- 2 measurement points at 23 and 200°C
- 3 measurement points at 23, 200 and 485°C

Ordering Details - IN12

		IN12*
Family	1' ... 2' digits	IN
Infrared pyrometer		
Model	3'... 4' digits	12
12		

*Uncoded options have to be listed after the code

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