

Infrared pyrometer **IN12**

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.

- **Temperature measurement from -32 to +400°C**
- **CE approval**
- **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**



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	1% of the measured value in °C + 1 digit (23°C and $\epsilon = 0,95$)
Response time $t_{90/ms}$	300 ms
Spectral band	8 to 14 μm
Emission factor	95% (non adjustable)
Display unit	Liquid crystal
Display resolution	1 K
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 temperature
Operating temperature	0 to 55°C
Storage temperature	-20 to +70°C
Degree of protection	IP 20
Power supply	Standard 9 volt battery (Type IEC 6 LR 61 supplied)

Functions

MAX/MIN/ Δ T/AVG	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 (in mm)	0	500	1000	2000
Measurement spot diameter (in mm)	20	60	100	220

Case ABS, class UL VO

Camera stand attachment UNC 1/4"

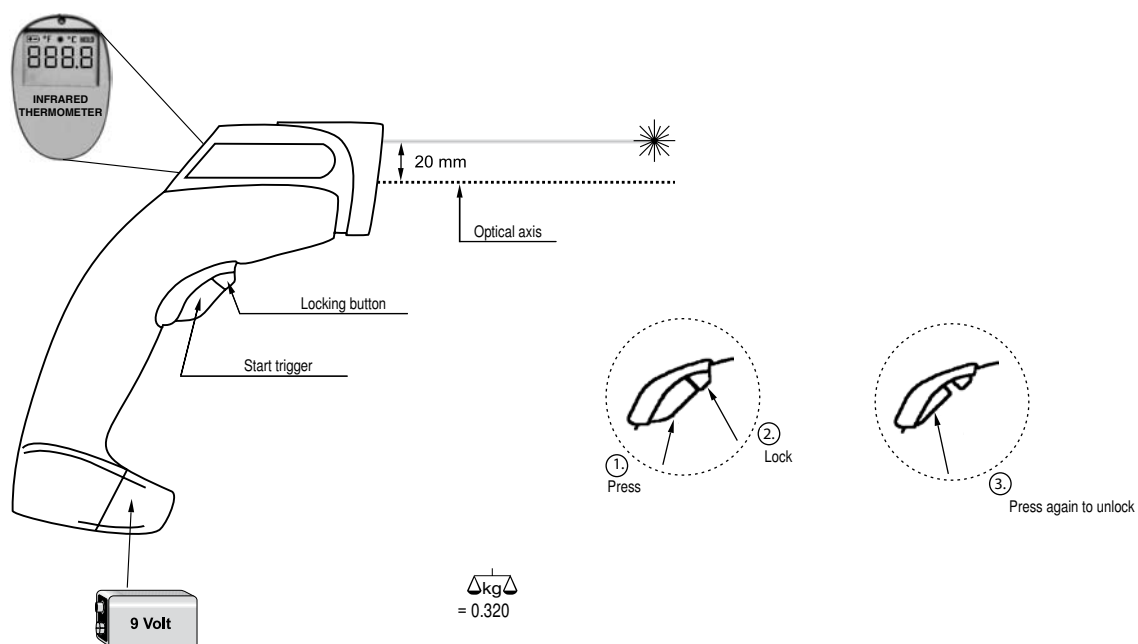
Battery life With laser : 25 hours
Without laser : 80 hours

CE approval Valid EMV inspection

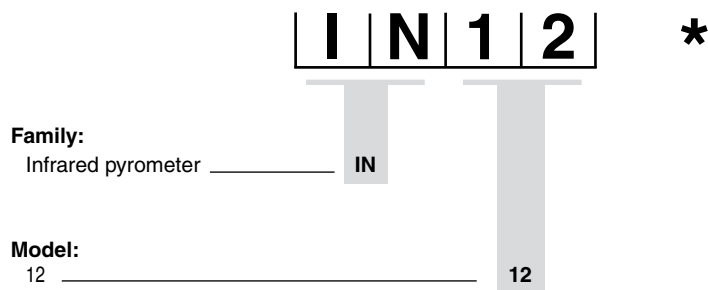
Options

- 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

Dimensions



Coding



* Uncoded options have to be listed after the code