

# Infrared thermometer ST485

## Profi-Infrared thermometer with cross-laser and 20:1 optic

**OPTRON**

- The ST485 is a portable infrared thermometer for contactless temperature measurement of non-metallic surfaces
- Temperature range -50 to 800°C
- Compensated precision glass optic for exact contactless temperature measurement
- Fast scanning of hot and cold points within 0.5 seconds
- Object laser for exact target of the device under test
- Adjustable visual and acoustic alarm
- Big display for presentation of measured value and max- or limit values at the same time
- Display backlight

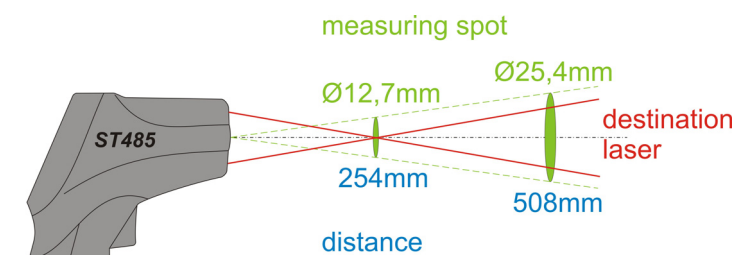


### Technical datas:

Measuring range:	-50°C ... +800°C (switchable on °F)
Resolution:	0,1°C (from 200°C/1°C)
Precision:	±2° or 2% of measured value *
Reproducibility:	± 1°C or 1 % *
Response time:	approx. 0.5 seconds
Spectral range:	8... 14 µm
Working temperature:	0°C ... +50°C
Storage temperature:	-20°C ... +50°C
Laser:	category 2
Emission level:	0,01 ... 1,00 adjustable
Distance ratio:	20:1
Durability:	typical 40 hours at continuous operation
Power supply:	1 x 9 V block battery
Casing:	plastic black
Dimension:	146 x 104 x 43 mm (length x width x height)
Weight:	300g (packing included)

\* - the greater value is currently in force

**Item-no.: 121910**



The laser beams of the destination laser are crossed at the position of the smallest measuring spot. That is, that at the distance of 254 mm the measuring spot has the smallest diameter (12,7mm). At other distances the laser beams only give a lead to the size of the measuring spot.



All prices excl. VAT – July 2016

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All pictures are approximations

Stand-Dokumentation: 18.11.2009

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