

Laserliner®

CondenseSpot Pro Laser



Infrared thermometer for locating thermal bridges and condensation moisture

Rev. 0511



- **Functions:**
surface temperature
ambient temperature
relative air humidity
dew point temperature
- **Temperature measurement** in difficult to reach places or in endangered measuring zones
- **The integrated hygrometer** determines relative air humidity and calculates the dew point temperature.
- **Localisation** of thermal bridges and places endangered by the formation of condensation water.
- **The multi-function display:** provides sufficient space for all measured values
- **Condensation water indicator** as bar graph display
- **Min/Max/Avg display:** The smallest, largest or average measured value can be displayed, as needed.
- **Adjustable emission coefficient** (0.10 ... 0.99)
- Measurement display in °C or °F, selectable.
- **Data-Hold:** The most recent measured values are saved temporarily.
- **LCD Backlight:** Illuminated LCD
- **Rubber-cased housing for impact protection**

TECHNICAL DATA

INFRAROT MEASURING RANGE
-40 °C ... 600 °C

ACCURACY
± 1 °C (-10 °C to 60 °C)
± 1.5 °C (< 10 °C and > 60 °C) or
± 1.5 % whichever value is greater

AMBIENT TEMPERATURE

-10 °C to 60 °C
ACCURACY ± 2 °C

HYGROMETER

20 % to 90 % relative air humidity
ACCURACY ± 3%

DEW POINT INDICATOR -20 °C to 60 °C

OPTICS 8:1

(8 m distance : 1 m measured spot)

EMISSION COEFFICIENT 0.10 ... 0.99;
adjustable

LASER WAVELENGTH 650 nm

LASER class 2M, < 5 mW

POWER SUPPLY

Type 9 V E block battery

DIMENSIONS (B x H x D)

108 x 161 x 38 mm

WEIGHT 0,185 kg



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CondenseSpot Pro

+ battery
+ softbag

Packaging dimension (B x H x D)
175 x 295 x 63 mm

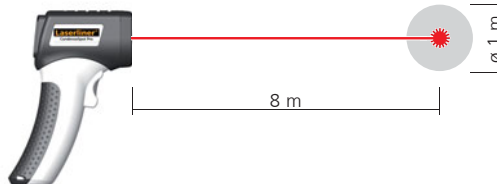
PU 2



LCD Backlight



Laser for focussing the IR measurement



Optik 8:1