

Laserliner®

CondenseSpot Pro Laser



Infrared thermometer for locating thermal bridges and condensation moisture

Rev. 0210



- **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.

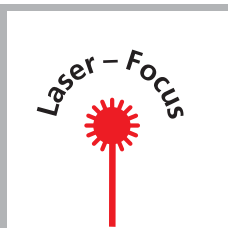
- **Data-Hold:** The most recent measured values are saved temporarily.

- **LCD Backlight:** Illuminated LCD

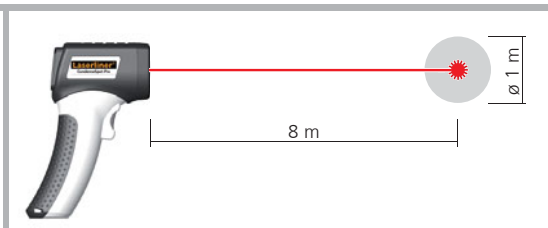
- **Rubber-cased housing for impact protection**



LCD Backlight



Laser for focussing the IR measurement



Optik 8:1

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



Article no.: 082.045A

EAN-Code: 4 021563 665020

CondenseSpot

+ Battery
+ Softbag

Packaging dimension (B x H x D)

175 x 295 x 63 mm

PU 5