

Laserliner®

CondenseSpot Laser

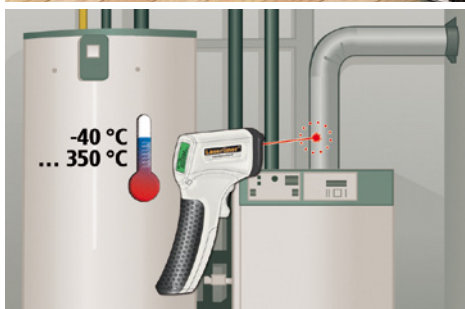


Non-contact infrared temperature measurement for preventing mould

Rev.1.114



- **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 **12-point laser circle pinpoints** the measuring zone exactly
- **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 value is saved temporarily.
- **LCD Backlight:** Illuminated LCD

TECHNICAL DATA

INFRAROT MEASURING RANGE
-30 °C ... 350 °C (-30 °F ... 662 °F)
ACCURACY
± 1.5 °C + 0.1 °C/1 °C (-30 °C ... 10 °C);
± 1 °C (10 °C ... 30 °C);
± 1.5 °C or 1.5 % (30 °C ... 350 °C)
RESOLUTION 0.1 °C

AMBIENT TEMPERATURE
-10 °C ... 60 °C (14 °F ... 140 °F)
ACCURACY ± 2 °C

HYGROMETER
20% ... 90% relative air humidity
ACCURACY ± 3%
RESOLUTION 1%

DEW POINT INDICATOR
-20 °C ... 60 °C
RESOLUTION 1 °C

OPTICS 8:1
(8 m distance : 1 m measured spot)

EMISSION COEFFICIENT
0.10 - 0.99, adjustable

LASER WAVELENGTH 650 nm

LASER CLASS 2, < 1 mW

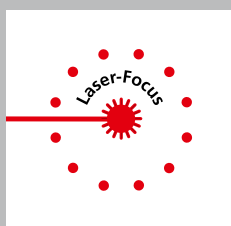
POWER SUPPLY
Type 9V E block battery

DIMENSIONS (W x H x D)
40 x 170 x 115 mm

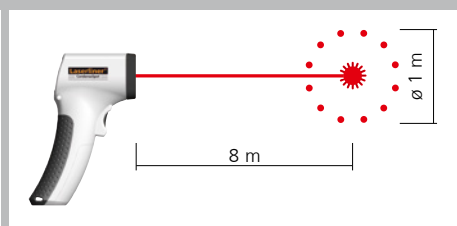
WEIGHT (incl. battery)
200 g



LCD Backlight



12-point laser circle for pinpointing



Optics 8:1 (8 m distance : 1 m measured spot)



CondenseSpot Laser
+ battery

Packing dimension (W x H x D)
190 x 315 x 40 mm

ARTICLE	ARTICLE NO	EAN-CODE	PU
CondenseSpot Laser	082.044A	4 021563 687633	2

