

# Laserliner®

## ThermoSpot Plus



### Non-contact infrared temperature instrument with integrated laser

Rev. 1214



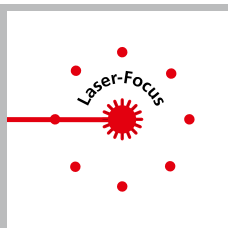
- **Functions:**  
Surface temperature
- **Non-contact temperature measurement:**  
This temperature measurement method is ideal for sensitive surfaces as well as for hazardous applications such as moving machine parts or live electrical installations.
- The **8-point laser circle pinpoints** the measuring zone exactly
- **Max. function:** The highest measured value is indicated on the display whilst the measurement is being taken.
- **Adjustable emission coefficient** (0,01 – 1,00)
- **Data hold function:** The most recent measured value is saved temporarily.
- **Large temperature measurement range:**  
From -38°C to 600°C
- **LCD backlight:** Illuminated LCD
- **Housing with rubber casing** to protect against impact
- **Battery low display**

#### TECHNICAL DATA

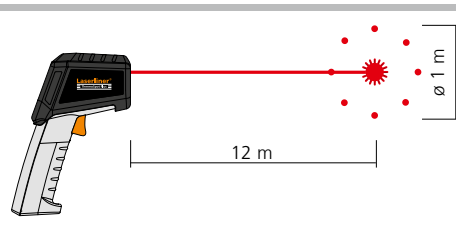
<b>INFRARED MEASURING RANGE</b>	-38°C...600 °C (-36,4°F...1.112°F)
<b>ACCURACY</b>	± 2 °C + 0,05 °C / degree (-38°C...0 °C) ± 2 °C (0°C...600°C) or ± 2% whichever value is greater
<b>OPTIC</b> 12:1	(12 m distance : 1 m measured spot)
<b>RESOLUTION</b>	0,1°C
<b>EMISSION COEFFICIENT</b>	0,01 - 1,00; adjustable
<b>LASER WAVELENGTH</b>	650 nm
<b>LASER CLASS</b>	2, < 1 mW
<b>OPERATING TEMPERATURE</b>	0 °C...50 °C
<b>STORAGE TEMPERATURE</b>	-10 °C...60 °C
<b>RELATIVE HUMIDITY</b>	20%rH ... 80%rH, no condensation
<b>POWER SUPPLY</b>	2 x 1,5 V alkaline batteries (type AAA)
<b>Dimensions</b> (W x H x D)	45 x 157 x 118 mm
<b>Weight</b> (incl. batteries)	210 g



LCD Backlight



8-point laser circle for pinpointing



Optics 12:1 (12 m distance : 1 m measured spot)



**ThermoSpot Plus**  
including belt holster  
+ batteries

**Packing dimension** (W x H x D)  
- x - x - mm

ARTICLE	ARTICLE NO	EAN-CODE	PU
ThermoSpot Plus	082.042A	4 021563 688081	5

