

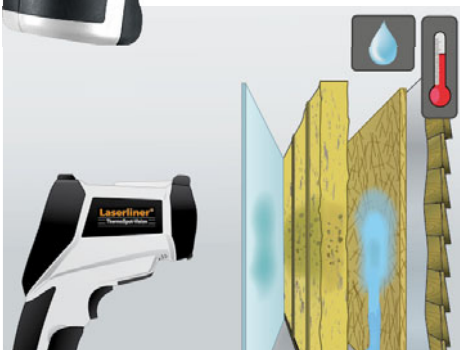
Laserliner®

ThermoSpot-Vision



Contactless temperature and moisture measuring instrument with real-time video image and memory function for perfect documentation

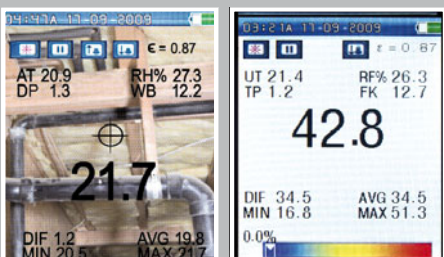
Rev.0211



- Precision infrared thermometer with large measuring range: -50 °C ... 1000 °C
- Real-time video display of measuring point with all relevant data
- Measuring point marked by dual laser and target mark in display for exact object pinpointing
- Adjustable emission coefficient with material display
- Integrated sensors for humidity and ambient temperature to assess room climate (Dew point assessment)
- Additional K-type thermocouple connection for contact temperature measurement
- High-grade infrared optics: 50:1
- Visual and acoustic high/low alarm function
- Min./Max./Avg./Dif. display: Display of minimum, maximum, average and differential value.
- Playback function for image and video recordings
- All measured data recorded in internal memory or on micro SD card
- Powerful li-ion rechargeable battery
- USB interface

TECHNICAL DATA

INFRARED -50 °C ... 1000 °C ACCURACY ± 1.0 % ± 1 °C (20 °C ... 500 °C) ± 1.5 % (500 °C ... 1000 °C) MEASURING RATE 150 ms SPECTRAL SENSITIVITY 8 ... 14µm
AMBIENT TEMPERATURE 0 °C ... 50 °C ACCURACY ± 0.5% ± 0.5°C (10 °C ... 40 °C)
RELATIVE AIR HUMIDITY 0% ... 100% rH ACCURACY ± 3,0 %rH (40 % ... 60 %rH)
DEW POINT TEMPERATURE 0 °C ... 50 °C ACCURACY ± 0.5 °C (10 °C ... 40 °C)
K-TYPE SENSOR -50 °C ... 1350 °C ACCURACY ± 0.5 % ± 1.5 °C (0 °C ... 1350 °C)
OPTICS 50:1
EMISSION COEFFICIENT 0.10 ... 1.0, adjustable
DISPLAY 2.2" TFT colour display, 320 x 240 pixel
LASER WAVELENGTH 635 nm
LASER class 2, < 1 mW
INTERFACE MicroSD, USB 2.0
POWER SUPPLY Li-Ionen battery
WEIGHT 0.410 kg
DIMENSIONS (W x H x D) 205 x 62 x 155 mm



Real-time video display of measuring point with all relevant data



High-grade infrared optics: 50:1



Article no.: 082.080A

EAN-Code: 4 021563 676361

ThermoSpot-Vision
including carrying case
+ Li-Ionen battery
+ USB-cord
+ Software

Packaging dimension (W x H x D)
335 x 275 x 84 mm
PU 2