

Infrared camera

Model testo 883 app



Application:

For preventive maintenance. Ideally suited for early detection of impending faults or defects in plants and machines, such as the rapid detection of critical heating conditions ("hots-pots") during operation, avoidance of downtimes and fire risks on plants and machines, inspection of control cabinets, electrical connections, wear monitoring on machines, checking of motors, bearings, shafts etc.

Version:

- Thermal sensitivity of 0.04 °C
- integrated digital camera
- Standard lens

Advantage:

- automatic detection of hot and cold spots
- free analysis software for creating professional reports
- App for on-site analysis and measurement reporting
- Thermal imagery can be saved in JPEG format
- integrated laser marker - distinctly visible as a measuring point in the infrared image

Delivery:

Thermal imaging camera testo 883 with standard 30° x 23° lens, robust case, professional software IRSoft (free download), USB-C cable, USB power supply, lithium-ion battery, carrying strap for the thermal imaging camera Bluetooth® headset (country-dependent), quick start guide, calibration log



Art. no.	46135 740
Type of rechargeable battery/battery	Li-Ion
Model	testo 883
Min./max. temperature measuring range	-30 to +650 °C
Accuracy temperature	+/- 2°C, +/- 2 % of measured value
Min./max. spectral range	7.5-14 µm
Thermal sensitivity (NETD)	40 mK
Refresh rate	27 Hz
Lens	31° x 23°
Resolution infrared	320 x 240 pixels
Geometrical resolution	1.7 mrad
Min. focus distance	< 0.5 m
Weight	795 g
Display	8.9 cm (3.5 inch) TFT, QVGA (320 x 240 pixels), IR image, Real image, Overlay
Export file format image storage	.jpg, .bmt
Data transmission type	USB, WLAN with testo Thermography App
Emissivity adjustable	Manual
Max. emission ratio	1.0
Colour representation	Iron, Rainbow, Rainbow HC, Cold-hot, Blue-red, Grey, Grey inverted, Iron HT, Sepia, Testo, Humidity palette
Focus	Manual
Internal memory	2.8 GB
Laser category	2
Min./max. air humidity	20-80 %
Interface	1 x USB 2.0, Bluetooth, USB-C
IP protection type, equipment housing	IP 54
Software	testo IRSoft (as download after registration)
Material of housing	ABS/Polycarbonate
System requirement	Windows 7, Windows 8, Windows 10
Electricity connection	Yes
Min./max. operating temperature	-15 to 50 °C
Length x width x height	171 x 95 x 236 mm

EAN-Code

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