

Thermal imaging camera

Model testo 871s



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. Can also be used to detect structural defects and leaks.

Version:

- Thermal sensitivity of 0.08 °C
- Integrated 5 Mpix digital camera
- Automatic measuring range changeover

Advantage:

- Automatic detection of hot and cold spots
- IFOV-Warner to always find the correct distance to the object to be measured
- Fast measurement with fixed focus
- testo Thermography app as a second display and for efficient documentation
- Wireless transmission of measured values when used with optional current clamp testo 770-3 and thermal hygrometer testo 605i



Art. no.	46135 725
Type of rechargeable battery/battery	Li-Ion
Model	testo 871s
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)	80 mK
Refresh rate	9 Hz
Lens	35° x 26°
Resolution infrared	240 x 180 pixels, 480 x 360 pixels
Geometrical resolution	2.6 mrad
Min. focus distance	< 0.5 m
Weight	510 g
Display	8.9 cm (3.5 inch) TFT, QVGA (320 x 240 pixels), IR image, Real image
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 HC, Cold-hot, Grey
Focus	Fixed focus
Internal memory	2.8 GB
Min./max. air humidity	20-80 %
Interface	USB 2 Micro B, Bluetooth
IP protection type, equipment housing	IP 54
Software	testo IRSoft (as download after registration)
Material of housing	ABS/Polycarbonate
System requirement	Windows 8.1, Windows 10
Electricity connection	Yes
Min./max. operating temperature	-15 to 50 °C
Length x width x height	219 x 96 x 95 mm
Battery included	Yes

EAN-Code

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