Thermal imaging camera
Model testo 865s

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 ("hotspots") 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 0.1°C

Advantage:

▪ Automatically detects hot and cold spots
▪ IFOV-Warner to always find the correct distance to the object to be measured
▪ Fast measurement with fixed focus

Art. no.	46135 705
Type of rechargeable battery/battery	Li-Ion
Model	testo 865s
Min./max. temperature measuring range	-20 to +280 °C
Accuracy temperature	+/- 2°C, +/- 2 % of measured value
Min./max. spectral range	7.5-14 µm
Thermal sensitivity (NETD)	100 mK
Refresh rate	9 Hz
Lens	31° x 23°
Resolution infrared	160 x 120 pixels, 320 x 240 pixels
Geometrical resolution	3.4 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
Export file format image storage	.jpg, .bmt
Data transmission type	USB
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
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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