

Thermal imaging camera

Model testo 868s



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 ("hot-spots") 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.

Execution:

- 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



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| Art. no. | 46135 715 |
| Brand | TESTO |
| Type of rechargeable battery/battery | Li-Ion |
| Manufacturer Part Number | 0560 8684 |
| Model | testo 868s |
| 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 | 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, 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 |
| IP protection type, equipment housing | IP 54 |
| Software | testo IIRSoft (as download after registration) |
| Material of housing | ABS/Polycarbonate |
| System requirement | Windows 8.1, Windows 10 |
| Electricity connection | Yes |
| Gross Weight | 2.060 kg |
| Min./max. operating temperature | -15 to 50 °C |
| Length x width x height | 219 x 96 x 95 mm |
| Battery included | Yes |
| Product Group | 4CF |

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