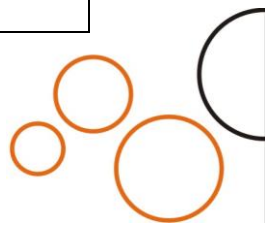
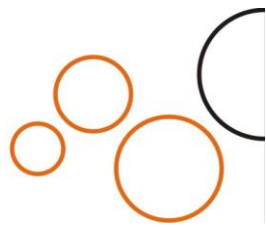


TECHNICAL DETAILS – testo 865

| | |
|------------------------------|--|
| Infrared Image Output | |
| Focus | Fixed focus |
| Infrared resolution | 160 x 120 pixels |
| Image refresh rate | 9 Hz |
| SuperResolution (IFOV) | 2.1 mrad |
| SuperResolution (Pixel) | 320 x 240 pixels |
| Geometric resolution (IFOV) | 3.4 mrad |
| Minimum focus distance | <0.5 m |
| Field of view | 31° x 23° |
| Thermal sensitivity | 120 mK |
| Spectral range | 7.5 to 14 μm |
| Image presentation | |
| Display option | IR image only |
| Colours | 4 (iron, rainbow, cold-hot, grey) |
| Display type | 8.9 cm (3.5") TFT, QVGA (320 x 240 pixels) |
| Measurement | |
| Reflected temperature | Manual |
| Measuring range | -20 to +280 °C |
| Accuracy | ±2 °C, ±2 % of mv |
| Emissivity | 0.01 to 1 |
| Measuring function | |



| | |
|--------------------------|--|
| Analysis function | Mean point measurement, hot/cold-spot recognition, Delta T |
| testo ScaleAssist | Included |
| IFOV warner | Included |
| Imager equipment | |
| Full screen mode | Included |
| JPEG storage | Included |
| Video streaming | via USB |
| Standard lens | 31° x 23° |
| Interface | USB 2.0 Micro B |
| Imager storage | |
| File format image | .bmt; .jpg; export option in .bmp; .jpg; .png; .xls; .csv |
| Storage device | Internal Memory (2.8 GB) |
| Power supply | |
| Battery type | Fast-charging, Li-ion battery can be changed on-site |
| Operating time | 4 h |
| Mains operation | yes |
| Ambient Condition | |
| Housing protection class | IP54 |
| Vibration | 2G |
| Air humidity | 20 to 80 %RH non-condensing |
| Storage temperature | -30 to +60 °C |



| | |
|-----------------------------------|----------------------------------|
| Operating temperature | -15 to +50 °C |
| Physical specification | |
| Product-/housing material | PC - ABS |
| Weight | 510 g |
| Dimensions | 219 x 96 x 95 mm |
| PC software | |
| System requirements | Windows 10; Windows 8; Windows 7 |
| Standards, tests, warranty | |
| EU-/EG-guidelines | EMC: 2014/30/EU |
| General technical data | |
| Product colour | Black |
| Display lighting | bright / normal / dark |

