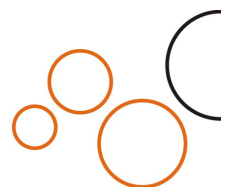


TECHNICAL DETAILS – testo 883**Termovisores garantia****EU-/EG-guidelines****RED: 2014/53/EU; EMC: 2014/30/EU; WEEE: 2012/19/EU; RoHS: 2011/65/EU + 2015/863; REACH: 1907/2006****General technical data****Product colour****Black****Display type****capacitive touch display****Display lighting****bright / normal / dark****Infrared image output****Focus****manual****Infrared resolution****320 x 240 pixel**

Thermal sensitivity	< 40 mK
Field of view	30° x 23° (Standard lens), 12° x 9° (Telephoto lens)
Minimum focus distance	< 0.1 m (Standard lens)
Geometric resolution (IFOV)	1.7 mrad (standard lens), 0.7 mrad (telephoto lens)
SuperResolution (Pixel)	640 x 480 pixels
SuperResolution (IFOV)	1.3 mrad
Image refresh rate	27 Hz*
Spectral range	7.5 to 14 μm

* Inside the EU, outside 9 Hz

Image output visual	
Minimum focus distance	< 0.4 m
Image size	3 MP

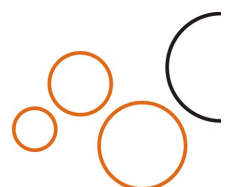
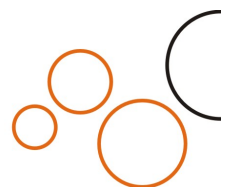


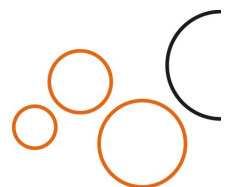
Image presentation	
Display option	IR image / real image
Colours	iron, rainbow, rainbow HC, cold-hot, blue-red, grey, inverted grey, sepia, Testo, iron HAT, humidity palette
Display type	8.9 cm (3.5") TFT, QVGA (320 x 240 pixels)
Digital zoom	2x; 4x

Measurement	
Reflected temperature	manual
testo ϵ -Assist	Included
Measuring range	-30 to +650°C
Accuracy	± 2 °C, ± 2 % of m.v.; (greater value applies)
Emissivity	0.01 to 1

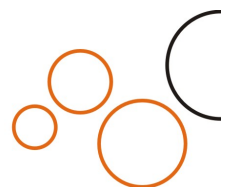


Measuring function	
Solar mode – manual	Input solar radiation
Analysis function	Up to 5 selectable individual measuring points, hot/cold spot detection, Delta T, area measurement (min/max on area), alarms, isotherm
Electrical mode - manual	Input current voltage power
IFOV warner	Included
Humidity mode - manual	Included
testo ScaleAssist	Included
Humidity measurement with humidity measuring instrument	Automatic measurement value transfer of thermohygrometer testo 605i via Bluetooth (instrument must be ordered separately); Wireless permit in EU, EFTA, USA, Canada, Australia, Turkey
Electrical measurement with clamp meter	Automatic measurement value transfer of clamp meter testo 770-3 via Bluetooth (instrument must be ordered separately); Wireless permit in EU, EFTA, USA, Canada, Australia, Turkey

* An overview of radio authorizations in the different countries can be found in the download section of the respective product page (www.testo.com)



Imager equipment	
Full screen mode	Included
JPEG storage	Included
Video streaming	via Wi-Fi with testo Thermography App; via USB
Voice recording	Included
SiteRecognition	Included
Standard lens	30° x 23°
Digital camera	Included
Interface	USB 2.0; USB-C
WLAN Connectivity	Communication with the testo Thermography App/ wireless module BT/WLAN*
Bluetooth	Headset for voice annotations, transfer of readings from testo 605i thermohygrometer, testo 770-3 clamp meter (optional)**



Laser	Laser marker
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* An overview of radio authorizations in the different countries can be found in the download section of the respective product page (www.testo.com)

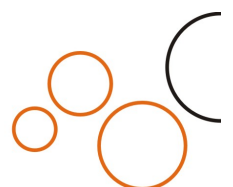
** excepting USA, China

Laser: excepting USA, China and Japan

Voice recording : An overview of radio authorizations in the different countries can be found in the download section of the respective product page (www.testo.com)

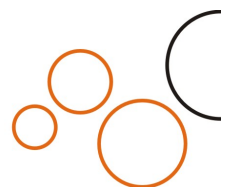
Imager storage	
File format image	.bmt; .jpg; export option in .bmp; .jpg; .png; .csv; .xls
Storage device	Internal Memory (2.8 GB)

Power supply	
Battery type	Fast-charging, Li-ion battery can be changed on-site
Operating time	≥ 5 h
Charging options	In instrument / charger (optional)
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	
Tripod mounting	1/4" - 20UNC; carrying strap
Product-/housing material	PC - ABS
Weight	824 g
Dimensions	171 x 95 x 236 mm



PC software**System requirements****Windows 10; Windows 8; Windows 7**