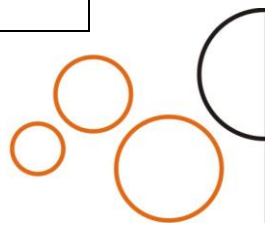
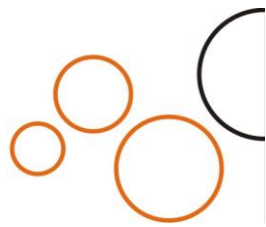


TECHNICAL DETAILS – testo 875-2i

Infrared Image Output	
Focus	Manual
Infrared resolution	160 x 120 pixels
Image refresh rate	9 Hz
SuperResolution (IFOV)	2.1 mrad (Tele: 0.6 mrad)
SuperResolution (Pixel)	320 x 240 pixels
Geometric resolution (IFOV)	3.4 mrad (Tele: 1.0 mrad)
Minimum focus distance	0.1 m (Tele: 0.5 m)
Field of view	32° x 23°
Thermal sensitivity	< 50 mK at +30 °C
Image output visual	
Minimum focus distance	0.4 m
Image size	640 x 480 pixels
Image presentation	
Display option	IR image only; real image only; IR image / real image
Colours	10 (iron, rainbow, rainbow HC, cold-hot, blue-red, grey, inverted grey, sepia, Testo, iron HT)
Display type	3.5" LCD with 320 x 240 pixels
Video output	USB 2.0
Measurement	
Reflected temperature	Manual



Measuring range	-30 to +100°C; 0 to +350 °C (switchable)
High temperature measuring	+350 to +550 °C
Accuracy	±2 °C, ±2 % of m.v. (±3 °C of m.v. at -30 to -22 °C)
Accuracy high temperature	±3 % of m.v. at +350 to +550 °C
Measuring function	
Surface moisture distribution	Included
Humidity measurement	Optional
Solar mode – manual	Included
Analysis function	Up to 2 measurement points, hot/cold spot recognition, isotherms, area measurement (min/max on area)
Imager equipment	
Digital camera	Included
Video streaming	Included
Voice recording	wired headset
Laser	Included
Exchangeable lenses	9° x 7°
Standard lens	32° x 23°
Power-LED	Included
Imager storage	
File format image	.bmt; .jpg; export option in .bmp; .jpg; .png; .xls; .csv
Storage device	SD card 2GB (approx. 2.000 images)



Power supply	
Battery type	Fast-charging, Li-ion battery can be changed on-site
Operating time	4 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	
Weight	900 g
Tripod mounting	M6
Housing	ABS
Dimensions	152 x 108 x 262
PC software	
System requirements	Windows XP (Service Pack 3); Windows Vista; Windows 7 (Service Pack 1); Windows 8; Interface: USB 2.0
Standards, tests, warranty	
EU-/EG-guidelines	2004/108/EG

