

TKTL 40

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Application and advantage: Built-in camera allows pictures and videos, with all measurement information to be taken, stored, recalled and exported to PC, environmental properties such as ambient, dew point and wet-bulb temperatures, as well as relative humidity, can be displayed and stored, dual laser sighting defines the temperature measurement area, user selectable, multiple temperature measurement modes including: maximum, minimum, average, differential and probe/infrared dual display, data logging function can be used to visualise temperature changes over time.

Producer: SKF (Sweden)

Technical information:

Designation	TKTL 40
Display	2,2" 320 x 240 colour LCD with backlight
Displayed resolution	0,1° up to 1000°, otherwise 1°
Emisivity settings	0,1 – 1,0
Measurement modes	Min, Max, average, differential, probe/IR dual display datalogger
Photo and video mode	640 x 480 camera, images (JPEG) and video (3 GP)
PC connection	Yes, min USB cable included
Max laser power	1 mW
Auto switch off	3 minutes, adjustable
Tripod Mount	1/4" BSW
Temperature range using infrared	-50 to 1000°C
Accuracy	20 to 500°C: ±1% of reading 500 to 1000°C: ±1,5% of reading
Response time	<300 ms
Spectral response	8-14 µm
Contact probe measurement	Temperature: -50 to 1370°C
Probe compatibility	Type K
Probe supplied	TMDT 2-30, suitable for use up to 900°C
Accuracy	0 iki 1370°C: ±0,5 % of reading -50 to 0°C: ±2,5°C
Battery	1 Rechargeable Li-on Battery, 3,7 V, 1400 mAh, 5,2 W
Operation time	4 hours continuous use
Charging time	2 hours with AC adapter
Product dimension	205 x 155 x 62 mm
Product weight	500 g
Operating temperature	0 to 50°C
Storage temperature	-10 to 60°C
Relative humidity	10 to 90% RH non-condensing
IP rating	IP 40
Case dimension	530 x 85 x 180 mm

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