

SKF TKTL 40

High performance infrared video thermometer, with contact probe

SKF offers a wide range of portable, lightweight and easy-to-use infrared thermometers for thermal inspections. These portable tools help you to detect temperature differences in technical and non-technical applications, this in order to perceive information on abnormalities in operating. SKF Infrared thermometers are fitted with multiple lasers which helps you to easy and more accurate target the object. Field of view 50:1. Supplied with contact probe TMDT 2-30 in sturdy carrying case.



Technical specifications

Dimensions	
Case dimensions (l x h x w)	530 x 85 x 180 mm
Instrument dimensions	205 x 155 x 62 mm
Performance	
Distance to spot ratio	50:1
Temperature range using infrared	Array °C
Temperature range using probe	Array °C
Properties	
Alarms	High and low level alarm with warning sound
Auto switch off	Automatic, user selectable
Battery	1 x Rechargeable Li-ion Battery 3.7 V, 1 400 mAh, 5.2 W
Battery life	4 h
Colour	Blue;Dark Grey
Connection	Mini USB port, mini USB to USB cable included
Content	1x IR thermometer (TKTL 40);1x temperature probe (TMDT 2-30);1x AC battery charger;1x mini USB to USB connection cable;1x mini tripod;1x instructions for use (MP5427);1x carrying case (size X)
Degree of protection (IP)	IP 40
Display	Colour backlit LCD 2.2", 320x240px
Emissivity	Array
HVAC functions	Wet bulb;Dew point;Humidity;Air temperature
Housing material	PC/ABS blend, overmoulded with TPU rubber
Instrument weight	460 g
Laser power max	1 mW
Laser type	2 x red targeting laser dots
Measurement modes	Maximum;Minimum;Average;Difference (between min and max); Probe/IR dual temperature
Memory	310 MB
Operating temperature range	Array °C
Photo	640x480 px visual camera (JPG)
Power adapter	110-240 V, 50/60 Hz, EU/US/UK/AUS plugs
Probe	K type probe, TMDT 2-30 included (max. 900 °C)
Recommended applications	Used in applications where knowing the right temperature is key. E.g. rotating equipment monitoring, HVAC installations, food safety monitoring, fire detection/prevention, and plastic moulding
Recommended storage temperature	Array °C
Relative humidity	10 to 90%, non-condensing
Resolution	0.1 °C/F (below 999.9);1 °C/F (above 1000)
Response time	300 ms

Spectral response	Array μm
Tripod connector	Yes, (1/4-20 UNC)
Video	640x480 px visual camera (3 GP)

Logistics	
Product net weight	1.84 kg
eClass code	23-05-19-01
UNSPSC code	41112202