



SKF TKTL 21

Advanced infrared thermometer with adjustable emissivity 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.

Technical specifications

Dimensions	
Case dimensions (l x h x w)	530 x 85 x 180 mm
Instrument dimensions	119 x 172 x 48 mm
Performance	
Distance to spot ratio	30:1
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, 60 seconds after trigger release in IR mode and 12 minutes after trigger release in probe mode
Battery	2x AAA (Alkaline (incl.) or Rechargeable)
Battery life	3 h
Colour	Blue;Dark Grey
Content	1x IR thermometer (TKTL 21);1x Temperature probe (TMDT 2-30);2x AAA Alkaline batteries;1x instructions for use (MP5494);1x carrying case (size X)
Degree of protection (IP)	IP 30
Display	LCD Color with LED backlighting
Emissivity	Array
Housing material	PC/ABS blend
Instrument weight	260 g
Laser power max	1 mW
Laser type	8 x red targeting laser dots
Laser wavelength	635 nm
Measurement modes	Maximum;Minimum;Average;Difference (between min and max); Probe/IR dual temperature
Operating temperature range	Array °C
Power adapter	No
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 95%, non-condensing
Resolution	0.1 °C/F (below 999.9);1 °C/F (above 1000)
Response time	1000 ms
Spectral response	Array µm
Tripod connector	Yes, (1/4-20 UNC)

Logistics	
Product net weight	1.27 kg
eClass code	23-05-19-01
UNSPSC code	41112202