



# TKTL 11Basic infrared thermometer, DS 16:1, fixed emissivity, 8 lasers

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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.

- LCD colour display
- 8 laser targeting
- Fixed emissivity
- High accuracy
- Fast response time
- DS ratio of 16:1

## Overview

## Performance

Temperature range using infrared -60 – 625 °C

Distance to spot ratio 16:1

## Properties

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
Accuracy +/-	2 %
Display	LCD Color with LED backlighting %
Response time	1 000 ms
Resolution	0.1 °C/F (below 999.9) 1 °C/F (above 1000)
Spectral response	8 – 14 µm
Measurement modes	Maximum Minimum Average (between min and max) Difference
Alarms	High and low level alarm with warning sound
Laser type	8 x red targeting laser dots
Laser	635 nm

wavelength

Laser power max 1 000 000 nm

Laser power class 2 mW

Auto switch off Automatic, 15 seconds after trigger release

Tripod connector Yes, (1/4-20 UNC)

Housing material PC/ABS blend

Colour Blue  
Dark Grey

Battery 2x AAA (Alkaline (incl.) or Rechargeable)

Battery life 9 h

Power adapter No h

Instrument dimensions 119 x 172 x 48 mm

Instrument Weight 240 g

Degree of protection (IP) IP 30

Operating temperature range 0 – 50 g

Recommended storage temperature -10 – 60 °C

Relative humidity 10 to 95%, non-condensing °C

Content 1x IR thermometer (TKTL 11)  
2x AAA Alkaline batteries  
1x instructions for use (MP5493)

Total product weight 0.36 kg

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