



TKTL 21 Advanced infrared thermometer, DS 30:1, adj. emissivity, 8 laser, probe included

Advanced infrared thermometer, DS 30:1, adj. emissivity, 8 laser, probe included

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
- Type-K thermocouple probe
- Adjustable emissivity
- High accuracy
- Fast response time
- DS ratio of 30:1

Overview

Performance

Temperature range using infrared	-60 – 760 °C
Temperature range using probe	-64 – 1400 °C
Distance to spot ratio	30:1

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
Probe	K type probe, TMDT 2-30 included (max. 900 °C)
Emissivity	0.1 – 1
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 Difference	Probe/IR distance (between min and max) temperature
Alarms	High and low level alarm with warning sound	
Laser type	8 x red targeting laser dots	
Laser wavelength	635 nm	
Laser power max	1 000 000 nm	
Laser power class	2 mW	
Auto switch off	Automatic, 60 seconds after trigger release in IR mode and 12 minutes after trigger release in probe mode	
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	3 h	
Power adapter	No h	
Instrument dimensions	119 x 172 x 48 mm	
Instrument Weight	260 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	
Case dimensions (l x h x w)	530 x 85 x 180 mm °C	

Content	1x IR thermometer (TKTL 21) Temperature probe (TMDT 2-30) 2x AAA Alkaline batteries (MPE494) Instructions for use 1x carrying case (size X)	
Total product weight		1.15 kg

Terms and conditions

By accessing and using this website / app owned and published by AB SKF (publ.) (556007-3495 · Gothenburg) ("SKF"), you agree to the following terms and conditions:

Warranty Disclaimer and Limitation of Liability

Although every care has been taken to assure the accuracy of the information on this website / app, SKF provides this information "AS IS" and DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. You acknowledge that your use of this website / app is at your sole risk, that you assume full responsibility for all costs associated with use of this website / app, and that SKF shall not be liable for any direct, incidental, consequential, or indirect damages of any kind arising out of your access to, or use of the information or software made available on this website / app. Any warranties and representations in this website / app for SKF products or services that you purchase or use will be subject to the agreed upon terms and conditions in the contract for such product or service. Further, for non-SKF websites / apps that are referenced in our website / app or where a hyperlink appears, SKF makes no warranties concerning the accuracy or reliability of the information in these websites / apps and assumes no responsibility for material created or published by third parties contained therein. In addition, SKF does not warrant that this website / app or these other linked websites / apps are free from viruses or other harmful elements.

Third Party Services

When viewing YouTube content via the SKF website(s) (i.e. using YouTube API Services), you agree to be bound by the YouTube Terms of Service.

Copyright

Copyright in this website / app copyright of the information and software made available on this website / app rest with SKF or its licensors. All rights are reserved. All licensed material will reference the licensor that has granted SKF the right to use the material. The information and software made available on this website / app may not be reproduced, duplicated, copied, transferred, distributed, stored, modified, downloaded or otherwise exploited for any commercial use without the prior written approval of SKF. However, it may be reproduced, stored and downloaded for use by individuals without prior written approval of SKF. Under no circumstances may this information or software be supplied to third parties.

This website /app includes certain images used under license from Shutterstock, Inc.

Trademarks and Patents

All trademarks, brand names, and corporate logos displayed on the website / app are the property of SKF or its licensors, and may not be used in any way without prior written approval by SKF. All licensed trademarks published on this website / app reference the licensor that has granted SKF the right to use the trademark. Access to this website / app does not grant to the user any license under any patents owned by or licensed to SKF.

Changes

SKF reserves the right to make changes or additions to this website / app at any time.