Infrared thermometer

A handheld infrared thermometer is an essential tool for every technician

- Infrared temperature measurement range from –60 to +625 °C (–76 to +1 157 °F)
- Contact temperature measurement range from –64 to +1 400 °C (–83 to +1 999 °F)
- Distance-to-spot ratio of 16:1; allows accurate temperature readings at a distance
- User selectable variable emissivity between 0,1 and 1,0; allows most surface temperatures to be measured.

- Colour display with temperature trend indication
- Supplied with temperature probe TMDT 2-30 (max. 900 °C / 1 652 °F); suitable for many direct contact applications
- Can be used with any SKF temperature probe
- User selectable, multiple temperature measurement modes including: maximum, minimum, average, differential and probe/infrared dual display, scan function
- User selectable high and level alarm levels with audible warning signal
- Mode dependant auto shut off feature optimises battery life
- Supplied in a sturdy carrying case

Technical data	
Designation	**TKTL 10**
Description	Handheld infrared thermometer
Temperature range using infrared	–60 to +625 °C (–76 to +1 157 °F)
Environmental limits	Operation 0 to 50 °C (32 to 122 °F) 10 to 95% R.H.
	Storage –20 to +65 °C (–4 to +149 °F) 10 to 95% R.H.
Full range accuracy (Tamb=23 ±3 °C)	Tobj = 0 to 625 °C ±2% of reading or 2 °C (4 °F) whichever is greater Tobj = –60 to 0 °C ±(2 °C +0,05/degree)
Response time (90%)	<1 000 ms
Display	LCD
Displayed resolution	0,1 °C/F from –9.9~199.9, otherwise 1 °C/F
Distance to spot size	16:1
Spectral response	8–14 µm
Emissivity	Pre-set 0,95
User selectable back lit display	No, permanently on
User selectable laser pointer	No, permanently on
Measurement modes	Max temperature
Laser wavelength	635–650 nm
Laser	Class 2
Maximum laser power	1 mW
Dimensions	195 x 70 x 48 mm (7.7 x 2.7 x 1.9 in.)
Packaging	Carton box
Weight	230 g (0.5 lbs)
Battery	2 x AAA Alkaline type IEC LR03
Battery lifetime	18 hours
Switch off	Automatic after 15 s after trigger is released
EMC standards	EN 61326-1,-2-2:2006
Laser standards	21CFR, Ch 1-J