



SKF TKRT 21

Multi-functional digital tachometer

The TKRT 21 is a multi-functional digital tachometer that uses laser or contact measurement to determine rotational and linear speeds. The device allows fast, easy measurement at a safe distance from rotating machinery. It offers high speed and distance versatility in several measurement modes. In addition, it facilitates easy measurement when straight-line access is difficult. The TKRT 21 is supplied with a basic set of contact adaptors and can be used with either standard or rechargeable batteries.

Technical specifications

Dimensions	
Instrument dimensions	295 x 70 x 38 mm
Case dimensions (l x h x w)	260 x 85 x 180 mm
Performance	
Optical measurement rotational speed (range)	Array r/min
Contact measurement rotational speed (range)	Array r/min
Contact measurement linear speed (range)	Array m/min
Contact measurement distance (range)	Array mm
Properties	
Recommended applications	Used to determine the speed of motors or shafts, as well as for measuring the speed and length of moving surfaces such as V-belts and conveyor belts.
Display	LCD display
Measurement types	Actual, Minimum, Maximum, Average, Total
Optical measurement method	Built in laser
Optical measurement modes	r/min, Hz
Optical measurement accuracy (+/-)	0.01 %
Angle of operation (max)	30 °
Contact measurement rotational speed modes	r/min, Hz
Contact measurement accuracy (+/-)	0.1 %
Contact accessories	Contact adaptor;Extension shaft;2x Conical tips;2 x Contact wheels C=0.1 m and C=6 in
Linear measurement modes (with contact adaptor)	m/min, m/s, feet/min, feet/s, inch/min, inch/s
Distance measurement modes (with contact adaptor)	metres, feet, inch
Memory	- MB
Laser type	Visible red line laser
Laser wavelength	650 nm
Laser power max	1 mW
Auto switch off	10 min, 5 min, off
Tripod connector	Yes, (1/4-20 UNC)
Housing material	ABS plastics
Colour	Blue;Dark Grey
Battery	2x AA (Alkaline (incl.) or Rechargeable)
Battery life	12 h
Power adapter	No
Instrument weight	270 g
Degree of protection (IP)	IP40
Operating temperature range	Array °C
Recommended storage temperature	Array °C
Relative humidity	10 to 90%, non-condensing
Content	1 x Tachometer TKRT 21;1x Contact adaptor;1 x Extension shaft;2 x conical tips;2 x wheels C=0.1 m and C=6 in;2 x AA batteries;1 x Set of reflective tape;1 x Instructions for use MP5508;1x Carrying case size A

Logistics	
Product net weight	0.77 kg
eClass code	23-05-19-01
UNSPSC code	41112202