

# TKRT 21SKF Tachometer TKRT 21



## SKF Tachometer TKRT 21

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.

- Laser/contact measuring system
- Wide speed measurement range
- Multiple measurement modes
- Large LCD display
- Includes basic set of contact adaptors
- Uses standard or rechargeable batteries
- Supplied in a handy toolcase for easy storage

## Overview

## 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)	1 – 99999 r/min
Contact measurement rotational speed (range)	0 – 20000 r/min
Contact measurement linear speed (range)	0.1 – 2000 m/min
Contact measurement distance (range)	25 – 1200 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 2 x Contact wheels (C=0.1 m and 0.6 in)
Linear measurement modes (with contact adaptor)	m/min, m/s, feet/min, feet/s, inch/min, inch/s
Contact measurement accuracy (+/-)	0.1 %
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	0 – 40 °C
Relative humidity	10 to 90%, non-condensing
Content	1 x Tachometer TKRT 21 1 x Adapter 1 x conical extension shaft 2 x wheels (C=0.1 m and C=6 in) 2 x AA batteries 1 x Set of reflective tape 1 x MP5500 1 x Carrying case (size A)
Total product weight	0.85 kg

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