

Pinpoint accuracy combined with measurement versatility

SKF Tachometer TKRT 20

The SKF TKRT 20 is a user-friendly and accurate tachometer utilising laser or contact for measuring rotational and linear speed. Equipped with a laser and contact adaptor, it offers excellent speed measurement versatility in five different modes.

- The user can select the following to measure:
 - r/min and r/s, metres, yards, feet, per min and per sec,
 - length or revolution counting, or
 - time interval
- Wide speed range and the various measurement modes make the SKF TKRT 20 suitable for measuring speed in many applications.
- Large angular range of $\pm 80^\circ$ to target facilitates easy measuring in areas where straight-line access is difficult.
- The laser optical system allows easy and quick measurements at a safe distance from rotating machinery.
- The large inverting LCD display facilitates easy reading, even when pointing the unit down into the machinery.
- The SKF TKRT 20 can also be equipped with a remote laser sensor, which is optionally available.



Contact adaptor

Included complete with r/min cone and removable metric wheel assembly.





Technical data

Designation	TKRT 20
Display	Inverting vertical 5 digit LCD
Memory	Last reading held for 1 minute
Measurement	
Optical modes	r/min and r/s (also count and time interval)
Contact modes	r/min and r/s, metres, yards, feet, per min and per sec
Count modes	total revs, metres, feet, yards
Sampling time	0,8 seconds or time between pulses 0,1 seconds auto-selection in max or min capture mode
Linear speed	0,3 to 1 500 metres/min (4 500 ft/min) or equivalent in seconds
Optical measurement	
Rotational speed range	3 to 99 999 r/min
Accuracy	±0,01% of reading ±1 digit
Measuring distance	50 to 2 000 mm (1.9 to 78.7 in.)
Angle of operation	±80°
Laser sensor	1× built-in class 2 laser
Remote laser sensor	Optional TMRT 1-56

Contact measurement	
Rotational speed range	Max. 50 000 r/min for 10 sec
Accuracy	±1% of reading ±1 digit
Contact adaptors	Included with r/min cone and removable metric wheel assembly
Battery	4× AAA alkaline type IEC LR03
Operation time	24 hours continuous use
Product dimensions	213 × 40 × 39 mm (8.3 × 1.5 × 1.5 in.)
Product weight	170 g (0.37 lb)
Case dimensions	260 × 85 × 180 mm (10.3 × 3.4 × 7.0 in.)
Case weight	412 g (0.9 lb)
Operating temperature	0 to 40 °C (32 to 104 °F)
Storage temperature	-10 to +50 °C (14 to 122 °F)
Relative humidity	10 to 90% RH non-condensing
IP rating	IP 40



The laser optical system allows easy and quick measurements at a safe distance from rotating machinery.

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PUB MP/P8 13239/1 EN · October 2014

