

Pinpoint accuracy combined with measurement versatility

SKF Tachometer TKRT 10

The SKF TKRT 10 is a fast and accurate tachometer utilizing laser or contact to measure rotational and linear speeds. Equipped with a laser and a range of contact adapters, it is a versatile instrument and suits many different applications.

- Wide speed measurement range: up to 99 999 r/min for laser measurement and 20 000 r/min using contact adapters.
- Measurement modes include; rotational speed, total revolutions, frequency, surface speed and length in both metric and imperial units.
- Laser can be used for safe and quick, non-contact rotational speed measurements at distances up to 0.5 m *(20 in.)*.
- Large back-lit LCD display enables easy reading in almost all light conditions.
- Angular range of ±45° to target helps facilitate easy measuring.
- Up to 10 readings can be stored for later reference.
- Compact design; one–hand operated instrument.
- Supplied in carrying case for protection and portability.



Equipped with a laser and
a range of contact adapters



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

Technical data

Designation	TKRT 10
Display	5 digit LCD backlit display
Displayed resolution	0,1 r/min up to 10 000 r/min, otherwise 1 r/min
Memory	10 readings memories
Low battery indicator	Yes
Auto switch off	After 15 seconds
Measurement	
Optical modes	r/min, hertz
Contact modes	r/min, metres, inches, yards, feet, per min, hertz
Count modes	total revs, metres, feet, yards
Sampling time	0,5 seconds (over 120 r/min)
Linear speed	0,2 to 1 500 metres/min *(4 500 ft/min)*
Optical measurement	
Rotational speed range	3 to 99 999 r/min
Accuracy	±0,05% of reading ±1 digit
Measuring distance	50 to 500 mm *(1.9 to 19.7 in.)*
Angle of operation	±45°
Laser sensor	1× built-in class 2 laser

Contact measurement	
Rotational speed range	2 to 20 000 r/min
Accuracy	±1% of reading ±1 digit
Contact adaptors	Included with conical tip, conical recess and wheel
Battery	1× 9 V alkaline type IEC 6F22
Operation time	12 hours continuous use
Additional power source	6 V DC charging port (charger not included)
Product dimensions	160 × 60 × 42 mm *(6.3 × 2.4 × 1.7 in.)*
Product weight	160 g *(0.35 lbs)*
Operating temperature	0 to 50 °C *(32 to 122 °F)*
Storage temperature	–10 to +50 °C *(14 to 122 °F)*
Relative humidity	10 to 90% RH non-condensing
IP rating	IP 40
Case contents	1× SKF Tachometer TKRT 10 1× set of 3× contact adaptors 1× 9 V battery 1× set of reflective tape 1× printed instructions for use

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