

TKRT 25M

SKF Tachometer

Mechanical tachometer provides accurate and reliable condition monitoring

The TKRT 25M is a mechanical, hand-held tachometer that uses precise contact measurement to determine rotational and linear speed. It provides fast, easy monitoring of machinery such as engines, shafts and conveyer belts. The instrument fits in one hand, requires no batteries and has a large dial gauge display – making it easy to read. As well as being compact and sturdy, the TKRT 25M is supplied with a full set of contact adaptors.



Condition monitoring has become increasingly important on the factory floor. It helps maintenance staff determine the condition of machinery while it is running. Problems can be identified and corrected early – which helps to reduce machine failure.

Basic equipment such as the TKRT 25M helps companies to incorporate condition monitoring into their operations without investing in large, sophisticated systems. By measuring the rotational and linear speed of key assets, the TKRT 25M reduces the possibility of catastrophic machine failure.

Having a deeper knowledge of component health has other benefits: parts can be ordered in advance, for instance, and maintenance scheduling becomes more efficient. Overall, this can help to reduce maintenance costs and increase efficiency and profitability.

TKRT 25M offers speed measurement in different metric units. Its large, accurate gauge gives an instant reading in either rpm, or metres per minute. The device is easy to use and is protected by a compact, rugged plastic housing. Because it targets a large angular range, it can perform measurements in areas where straight-line access is difficult.

Although TKRT 25M has wide applicability, it is not suitable for use in ATEX environments.

- Easy-to-use: can be operated with one hand
- Large dial gauge display makes information easy to read
- Gives exact measurements of rotational speed (in revolutions per minute) or linear speed (in metres/min)
- Memory button holds pointer in the last position until reset
- Mechanical operation means that no batteries are needed, so it can be used in many industries
- Compact, sturdy housing



Technical data

Designation TKRT 25M

Measurement

Contact modes	rpm and m/min
Rotational speed range	10 to 10000 rpm
Linear speed range	1 to 1000 m/min
Accuracy	±0.5% of measuring range full scale value
Contact adaptors	Included with removable cones and wheel
Display update	Continuous live
Controls	Range selector switch and measure/hold button

General

Housing material	ABS (plastics)
Product dimensions	155 x 85 x 55 mm (6.1 x 3.2 x 2.2 in)
Case dimensions	260 x 85 x 180 mm (10.2 x 3.3 x 7.1 in)
Unit weight	300 g (0.7 lb)
Total weight (incl. case)	880 g (1.95 lb)
Operating temperature	0 to 40 °C (32 to 104 °F)
Storage temperature	-10 to 40 °C (14 to 104 °F)
Type of protection for indication only	IP40
Case contents	1 × Tachometer TKRT 25M 1 × Extension shaft 1 × Conical tips 1 × Wheel 1 × Instructions for use