

Rpm measurement – Non-contact

testo 465

Using testo 465, rpm can be easily measured without contact. Simply attach a reflector to the object to be measured and then point the visible, red light beam at the reflector and measure.

- Easy one-hand operation
- Saves mean/maximum value (last reading)



Technical data	
Probe type	Optically with mod. light beam
Meas. range	+1 to +99999 rpm
Accuracy ±1 digit	±0.02% of mv
Resolution	0.01 rpm (+1 to +99.99 rpm) 0.1 rpm (+100 to +999.9 rpm) 1 rpm (+1000 to +99999 rpm)
Oper. temp.	0 to +50 °C
Storage temp.	-20 to +70 °C
Dimensions	144 x 58 x 20 mm
Weight	145 g



Non-contact (optical) rpm measurement



Rpm measurement on fans and ventilators

Accessories Ordering data	Part no.
Reflectors, self-adhesive (1 pack = 5 off, each 150 mm long)	0554 0493
ISO calibration certificate/rpm, Optical and mechanical rpm measuring instruments; cal. points 500; 1000; 3000 rpm	0520 0012
ISO calibration certificate/rpm, Optical rpm measuring instruments; calibration points 10; 100; 1000; 10000; 99500 rpm	0520 0022

Rpm measurement – Non-contact and mechanical

testo 470

The ideal combination of optical and mechanical rpm measurement. An optical measurement becomes a mechanical measurement by simply attaching an adapter for a probe tip or surface speed disc.

- Measurement of rpm, speeds and lengths
- Low Batt warning



- Easy one-hand operation

Technical data		
Probe type	Optically with mod. light beam	Mechanical
Meas. range	+1 to +99999 rpm	+1 to +19.999 rpm
Accuracy ±1 digit	±0.02% of mv	
Resolution	0.01 rpm (+1 to +99.99 rpm) 0.1 rpm (+100 to +999.9 rpm) 1 rpm (+1000 to +99999 rpm)	
Oper. temp.	0 to +50 °C	
Storage temp.	-20 to +70 °C	
Dimensions	175 x 60 x 28 mm	
Weight	190 g	
Speed: 0.10 to 1.999 m/min; 0.30 to 6500ft/min; 4.00 to 78,000in/min Lengths: 0.02 to 99,000m; 0.01 to 99,000 ft; 1.00 to 99,999 in Accuracy: (±1 digit/0.02m/1.00 inch depending on resolution)		



Non-contact (optical) rpm measurement



Mechanical rpm measurement



Rpm measurement on rotating parts, non-contact and mechanical

Accessories Ordering data	Part no.
Reflectors, self-adhesive (1 pack = 5 off, each 150 mm long)	0554 0493
ISO calibration certificate/rpm, Optical rpm measuring instruments; calibration points 10; 100; 1000; 10000; 99500 rpm	0520 0022

