



Non-contact rpm measurement

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.

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



rpm measurement on shafts



testo 465

Set

testo 465, rpm measuring instrument set: instrument in case (plastic), incl. reflectors and batteries

Part no. 0563 0465

Ordering data for Accessories

Reflectors, self-adhesive (1 pack = 5 off, each 150mm long)

Part no. 0554 0493

ISO calibration certificate/rpm

Optical and mechanical rpm measuring instruments; cal. points 500; 1000; 3000 rpm
Part no. 0520 0012

ISO calibration certificate/rpm

Optical rpm measuring instruments; calibration points 10; 100; 1000; 10000; 20000 rpm
Part no. 0520 0022

ISO calibration certificate/rpm

Calibration points freely selectable from 100 to 6000 rpm mech and 100 to 20000 rpm opt
Part no. 0520 0112

Technical data

Probe type	Optically with mod. light beam
Meas. range	+1... +99999 rpm
Accuracy	±0.02% of mv (+1... +99999 rpm)
Resolution	0.01 rpm (+1... +99.99 rpm) 0.1 rpm (+100... +999.9 rpm) 1 rpm (+1000... +99999 rpm)
Oper. temp.	0... +50 °C
Storage temp.	-20... +70 °C
Battery type	2 AA batteries
Dimensions	144x58x20 mm
Warranty	2 years

Non-contact and mechanical rpm measurement

testo 470, the ideal combination of optical and mechanical rpm measurement. An optical measurement becomes a mechanical measurement by simply attaching an adapter for probe tip or surface speed disc.

- Easy one-hand operation
- Measurement of rpm, speeds and lengths
- "Low Batt" warning



Mechanical rpm measurement on a roller



testo 470

Set

testo 470, rpm measuring instrument set: instrument in transport case, incl. adapter, probe tip, surface speed disc, reflectors, batteries

Part no. 0563 0470

Ordering data for Accessories

Part no.

Reflectors, self-adhesive (1 pack = 5 off, each 150mm long)

0554 0493

ISO calibration certificate/rpm

Optical rpm measuring instruments; calibration points 10; 100; 1000; 10000; 20000 rpm

0520 0022

Technical data

Probe type	Optically with mod. light beam	Mechanical
Meas. range	+1... +99999 rpm	+1... +19.999 rpm
Accuracy	±0.02% of mv (+1... +99999 rpm)	±0.02% of mv (+1... +19.999 rpm)
Resolution	0.01 rpm (+1... +99.9 rpm) 0.1 rpm (+100... +999.9 rpm) 1 rpm (+1000... +99999 rpm)	
Oper. temp.	0... +50 °C	Speed: 0.10 to 1.999 m/min; 0.30 to 6500ft/min; 4.00 to 78,000in/min
Storage temp.	-20... +70 °C	Lengths: 0.02 to 99,000m; 0.01 to 99,000ft; 1.00 to 99,999 in
Battery type	2 AA batteries	Accuracy: (±1 digit/0.02m/1.00 inch depending on resolution)
Dimensions	175x60x28 mm	
Warranty	2 years	

rpm

rpm

m/
min

m