rpm

rpm

m/ min

m

MAX/MIN Optical

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.



Easy one-hand operation

Saves mean/maximum value (last



rpm measurement on shafts

reading)

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

0554 0493 Part no.

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; 20000 rpm 0520 0022

ISO calibration certificate/rpm

Calibration points freely selectable from 100 to 6000 rpm mech and 100 to 20000 rpm opt 0520 0112

Technical data

Probe type	Optically with mod. light beam
Meas. range	+1 +99999 rpm
Accuracy ± 1 digit	±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 465

testo 465, rpm measuring instrument set:

instrument in case (plastic), incl. reflectors and

0563 0465

0563 0470

Set

batteries

Part no.

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

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	0520 0022 ; 20000 rpm

Technical data						
Probe type	Optically with mod. light beam		Mechanical			
Meas. range	+1 +99999 rpm		+1 +19.999 rpm			
Accuracy ± 1 digit	±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. Storage temp. Battery type Dimensions Warranty	0 +50 °C -20 +70 °C 2 AA batteries 175x60x28 mm 2 years	78,000in/mi Lengths: 0.0 in	to 1.999 m/min; 0.30 to 6500ft/min; 4.00 to in 12 to 99,000m;0.01 to 99,000 ft; 1.00 to 99,999 £1 digit/0.02m/1.00 inch depending on			