

Rpm measurement

testo 465

Non-contact

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.

- Stores mean/min/max value, last reading
- Robust design on account of SoftCase (protection sleeve)

testo 465

Rpm measuring instrument set: Meas. instr. incl. SoftCase (protection sleeve) in transport case (plastic), reflectors, batteries and calibration protocol

Part no. 0563 0465

testo 470

Non-contact and mechanical

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.

- Measures rpm, velocities and lengths
- Battery display "Low Batt"
- Robust design on account of SoftCase (protection sleeve)

testo 470

Rpm meas. instr. set: Meas. instr. incl. SoftCase (protection sleeve) in transport case, adapter, probe tip, surface speed disc, reflectors, batts and cal. protocol

Part no. 0563 0470



testo 470, mechanical rpm measurement



testo 465 and testo 470, non-contact (optical) rpm measurement on rotating parts

Technical data

Probe type	Optically with mod. light beam	Mechanical (testo 470)
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	Dimensions 175 x 60 x 28 mm
Storage temp.	-20 to +70 °C	Weight 190 g

testo 470

Speed: 0.10 to 33.3 m/s; 0.1 to 109 ft/s; 0.10 to 1.999 m/min; 0.40 to 6550 ft/min; 4.00 to 78,700 in/min

Lengths: 0 to 99.999 m; 0 to 99.999 ft; 0 to 99.999 in

Accuracy: (±1 digit/0.02 m/1.00 inch depending on resolution)

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