

# 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