

testo 470/471, non-contact and mechanical rpm measurement



testo 470 / testo 471

Non-contact and mechanical

The optimum combination of optical and mechanical rpm measurement. By simply attaching an adapter for a measuring tip or surface speed disc, the optical measurement becomes a mechanical one.

- Measurement of rpm, speeds and lengths
- "Low Batt" warning
- Robust design with SoftCase (protective case)



Mechanical rpmmeasurement

Mechanical rpm measurement on a roller

testo 470

testo 470, rpm measuring instrument set: Instrument with SoftCase (protective case) in transport case, incl. adapter, probe tip, surface speed disc, reflectors, batteries and calibration protocol

Part no. 0563 0470

Technical data
Probe type

Meas, range

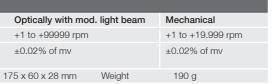
Dimensions

Accuracy ±1 digit

testo 471

Included in delivery: as testo 470, additionally: thread counter for measuring lengths and speeds of threads, wire or (glass) fibres

Part no. 0563 4710



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)

Measuring wheels: 0.1m, 6" (included)

Further technical data and ordering data as testo 465, see below



Mechanically with a thread Non-contact (optical) counter, testo 471 only



Mechanically with a probe tip



Mechanically with a surface speed disc

Accessories Ordering data	Part no.
Measuring wheel 12"	0554 4755
ISO calibration certificate/rpm, optical and mechanical rpm measuring instruments; cal. points 500; 1000; 3000 rpm	0520 0012

testo 465, non-contact 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.

- Storage of mean/max/min value, last reading
- Measurement distance up to 600 mm
- Robust design on account of SoftCase (protective case)



rpm measurement on shafts

Technical data			
Probe type	Optically with mod. light beam		
Meas. range	+1 to +99999 rpm		
Accuracy ±1 digit	±0.02% of mv (+1 to +99999 rpm)		
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	144 x 58 x 20 mm
Storage temp.	-20 to +70 °C	Weight	145 g
Battery type	2 AA batteries or rech. battery		
Battery life	40 h		

testo 465

testo 465, rpm measuring instrument set: Measuring instrument with Soft-Case (protective case) in transport case (plastic), incl. reflectors, batteries and calibration protocol

Part no. 0563 0465

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