SC METROMAT SRL

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Stroboscop, Testo 470

rpm measuring instrument

testo 470 – For non-contact and mechanical measurement



- Easy one-hand operation
- Measurement of rpm, speeds and lengths
- Storage of mean, max. and min. values as well as the last measurement value
- Measurement distance up to 600 mm (optical measurement)
- Battery check „Low Batt“
- Robust design thanks to SoftCase (protective case)

rpm

The rpm measuring instrument testo 470, which can be operated with one hand, offers an optimum combination of optical and mechanical rpm measurerment. By simply attaching an adapter for a probe tip or a speed disc, the optical measurement becomes a mechanical one. This allows speeds and lengths to be measured additionally. For optical measurements, simply attach a reflective marker (optional) to the measurement object, point the visible measurement spot at the reflective marker, and measure. The distance to the measurement object is up to 600 mm. The testo 470 stores mean, min. and max. values as well as the last measurement value. The SoftCase included in delivery protects the instrument from impact, ensuring an especially long working life.

Technical data / Accessories

testo 470

testo 470 rpm measuring instrument with SoftCase in transport case incl. probe tip, 0.1 m and 6“ wheel, reflectors and batteries

Part no. 0563 0470



Sensor types

	Optically with mod. light beam
Measuring range	+1 to +99999 rpm
Accuracy ±1 digit	±0.02% of m.v.
Resolution	0.01 rpm (+1 to +99.99 rpm) 0.1 rpm (+100 to +999.9 rpm) 1 rpm (+1000 to +99999 rpm)
	Mechanical
Measuring range	+0.1 to +19999 rpm
Accuracy ±1 digit	±0.2% of m.v.

General technical data

Operating temperature	0 to +50 °C
Storage temperature	-20 to +70 °C
Battery type	2 AA batteries
Battery life	40 h
Display	5-figure LCD display, 1-line
Dimensions	175 x 60 x 28 mm
Weight	190 g
Warranty	2 years

	0.1 m	**6“**	**12“**
m/min **ft/min** **in/min**	0.10-1999 0.40-6550 4.00-78700	0.10-1524 0.40-5000 4.00-60000	0.40-609.6 0.40-2000 4.00-24000
m/sec **ft/sec**	0.10-33.30 0.10-109	0.10-25.40 0.10-83.33	0.10-10.16 0.10-33.33
m **ft** **in**	0.00-99999 0.00-99999 0.00-99999	0.00-99999 0.00-99999 0.00-99999	0.00-99999 0.00-99999 0.00-99999

Units rpm, m/min, ft/min, in/min, m, ft, in

The mechanical tolerance for measurements with a wheel is 0.2 %, the measurement accuracy is dependent on handling, e.g application pressure, angle etc.

Accessories for measuring instrument	**Part no.**	
Reflectors, self-adhesive (1 pack = 5 off, each 150 mm long)	0554 0493	
Measuring wheel 12“	0554 4755	
Measuring wheel 6“	0554 4754	
Measuring wheel 0.1 m	0554 4751	
Measurement tip	0554 4752	
Hollow cone	0554 4756	
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	
ISO calibration certificate/rpm Calibration points freely selectable from 10 to 99500 rpm	0520 0114	
DAkkS calibration certificate/rpm Optical rpm probes, 3 points in instrument measurement range (1 to 99999 rpm)	0520 0422	

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Fotografia are caracter informativ.

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