

testo 471

With the testo 471, the lengths and speeds of threads, wires or (glass) fibres can be measured. The plug-in thread measurement adapter has a very lightly running, specially coated measuring wheel and a deflection pulley, in order to be able to measure with as little tension as possible.

Optical measurement with reflective tape and mechanical measurement with a surface speed disc or measurement tip are also possible.

testo 471, Measurement of the speeds and lengths of threads

rpm-measurement set:

Measuring instrument in protective SoftCase in transport case, incl. thread measurement adapter, adapter, probe tip, surface speed disc, reflectors, batteries and calibration protocol

Part no.
0563 4710

Measuring instrument for non-contact and mechanical rpm measurement with additional thread measurement adapter

- Measurement of rpm, speeds and lengths (as testo 470)
- Thread measurement adapter for measuring the speed and length of threads, wires and fibres
- Measurement distance up to 600 mm (optical measurement)
- Battery check "Low Bat"
- Robust design



Mechanical with thread counter

Non-contact (optical)



Mechanical with probe tip

Mechanical with surface speed disc



Technical data		
Probe type	Optically with mod. light beam	Mechanical
Meas. range	+1 to +99999 rpm	+1 to +19.999 rpm
Accuracy ±1 digit	±0.02% of mv	±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
Storage temp.	-20 to +70 °C
Battery type	2 AA batteries
Dimensions	175 x 60 x 28 mm
Battery life	40 h
Display	5-figure LCD display, 1-line
Weight	190 g
Warranty	2 years

	0.1 m	6"	12"
m/min	0.10-1999	0.10-1524	0.40-609.6
ft/min	0.40-6550	0.40-5000	0.40-2000
in/min	4.00-78700	4.00-6000	4.00-24000
m/sec	0.10-33.30	0.10-25.40	0.10-10.16
ft/sec	0.10-109	0.10-83.33	0.10-33.33
m	0.00-99999	0.00-99999	0.00-99999
ft	0.00-99999	0.00-99999	0.00-99999
in	0.00-99999	0.00-99999	0.00-99999
Units	rpm, m/min, ft/min, in/min, m, ft, in		
Accuracy: (±1 digit/0.02 m/1.00 inch depending on resolution)			
Measuring wheels: 0.1m, 6" (included)			

Accessories	Part no.
Reflectors, self-adhesive (1 pack = 5 off, each 150 mm long)	0554 0493
Measuring wheel 12"	0554 4755

Calibration Certificates	Part no.
Accessories and Technical data	
ISO calibration certificate/rpm optical rpm measuring instruments; calibration points 10; 100; 1000; 10000; 99500 rpm	0520 0022
ISO calibration certificate/rpm optical and mechanical rpm measuring instruments; cal. points 500; 1000; 3000 rpm	0520 0012
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 99,999 rpm)	0520 0422

* Successor organization of the DKD