

321-4059



Testo 470

The Versatile Testo 470

Non-contact and mechanical rpm measurement

The instrument has the ideal combination of optical and mechanical rpm measurement. Reflectors are attached to the object being measured during optical measurement. The visible, red modulated light beam is directed on the reflector. An optical becomes a mechanical measurement by simply attaching an adapter and cone or running wheel.



Advantages:

- Optical and mechanical measurement
- Measures rpm, speeds and lengths.
- Easy to switch type of measurement.
- User-friendly
- Max/Min value, last measured value

(saves after auto off)

- Large LCD display
- "Low Batt" warning

Convenient and easy measurement of rpm, speed and length in industry.

- Rpm measurement in a reduced d.c. motor
- Mechanical rpm measurement on a roller e.g printing machine
- Measured Speed in a conveyor belt in a production company
- Speed and length measurement on hoisting winches

Technical Specification

Sensor	Optical with modulated light beam mechanically with adapter and cone or running wheel
Measuring ranges	
Rpm	1 to 99.999 min optically (rpm) 1 to 19.999 min mechanically (rpm)
Speed	0.10 to 1.999 m/min 0.30 to 6500 ft/min 4 to 78,000 in/min
Lengths	0.02 to 99.999m 0.01 to 99.999ft 1 to 99.999in
Accuracy	$\pm 0.02\%$ of measure value (± 1 digit/0.02 m/1.00inch depending on resolution)
Working temperature	0 to 50° C
Storage temperature	-20 to +70° C
Battery	2 x 1.5VAA
Auto off	30 seconds (mean/max/last measured values are saved)
Dimensions	175 x 60 x 28mm (without cone or running wheel)
Weight	190 g
Warranty	1 year



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