

FEATURES

- Clear and easy to read 5-digit LCD display with a memory function
- Direct RPM reading function
- Supplied with a durable carrying case
- Calibration Certificate

RS PRO Tachometer, Best Accuracy $\pm 0.05\%$ Optical LCD 99999rpm

RS Stock No.: 244-0719



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

This professional tachometer (digital rotary measuring instrument) from RS PRO offers the latest technologies in a robust and durable housing and allows for fast and accurate measurements of rotational speeds via a precise beam of light together with reflective tape. It features an integrated optical transmitter and receiver at the top of the unit and the 5-digit LCD that displays direct RPM measurements and is equipped with a memory function. It can be used to measure max., min., and average values of rotations. The ergonomically designed body makes it a comfortable device to use at any location. The Optical Tachometer is a must-have device for any operator working in close distance to high-risk machines or where the access is restricted.

General Specifications

Category	Optical
Maximum Speed	99999rpm
Minimum Speed	5rpm
Display Type	LCD
Display Size	5-figure, 10mm(0.4")
Memory	Last value, Max. value, Min. value
Circuit	Exclusive one-chip of microcomputer LSI circuit
Selectable Units	rpm
Application	Motors, Turbines, Fans, Wheel, Shafts, Rollers

Measurement

Parameters	Photo Tachometer	Contact Tachometer
Range	5rpm to 99,999rpm	0.5rpm to 19,999rpm
Contact Surface Speed		m/min-0.05 to 1,999.9m/min ft/min0.2 to 6, 560ft/min
Resolution	0.1rpm < 1,000rpm; 1rpm 1,000rpm	0.1rpm < 1,000rpm; 1rpm 1,000rpm
Accuracy	± (0.05% + 1 digit)	± (0.05% + 1 digit)
Detecting Distance	50mm to 150mm / 2in to 6 in	
Sampling Rate	1second (60rpm)	1second (6rpm)
Time Base	Quartz crystal	Quartz crystal

Electrical Specifications

Battery Type	AA
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Mechanical Specifications

Dimensions	72mm x 37mm x 208mm
Height	208mm
Length	72mm
Width	37mm
Weight	280gm

Operation Environment Specifications

Operating Temperature	0°C to 50°C (32°F to 122 °F)
Maximum Operating Temperature	50°C
Minimum Operating Temperature	0°C