Laser Tachometer TM-2234C+

Code: TM-2234C GST: 18% Brand: AVAIN LABS








AVAIN LABS® Laser Tachometer TM-2234C+

The AVAIN LABS® Laser Tachometer TM-2234C+ is a digital non-contact RPM measuring instrument designed for accurate measurement of the rotational speed of motors, shafts, fans, pulleys, and other rotating machinery. Its laser-based detection system enables convenient RPM measurement without physical contact with the rotating object.

With a measuring range of 2.5 to 99,999 RPM, the TM-2234C+ is suitable for a wide range of laboratory, educational, engineering, maintenance, and industrial applications. The instrument features a clear digital measurement system, memory for recorded values, and a detecting distance of 50 to 500 mm.

Key Features

- Laser-based non-contact tachometer
- Model: TM-2234C+
- Measuring range: 2.5 to 99,999 RPM
- Resolution of 0.1 RPM from 2.5 to 999.9 RPM
- Resolution of 1 RPM over 1,000 RPM
- Accuracy: ±0.05% + 1 digit
- Detecting distance: 50 to 500 mm
- Memory function for Last Value, Maximum RPM and Minimum RPM
- Operates on 9V PP3 battery
- Compact and portable design
- Suitable for laboratory, educational, engineering, and industrial applications

Specifications

Non-Contact RPM Measurement

The AVAIN LABS® TM-2234C+ Laser Tachometer uses laser detection to measure the rotational speed of moving objects without requiring physical contact. This makes it convenient for checking the RPM of rotating components during laboratory experiments, equipment testing, maintenance, and machine inspection.

Memory Function

The tachometer provides memory facilities for retaining the last measured value, maximum RPM, and minimum RPM. This feature is useful when monitoring changing rotational speeds and reviewing measurements during testing.

Applications

The AVAIN LABS® Laser Tachometer TM-2234C+ is suitable for:

- Motor RPM measurement
- Rotating shaft speed measurement
- Fan and blower RPM testing
- Pulley and gear speed measurement
- Machinery inspection
- Engineering laboratory experiments
- Physics laboratory applications
- Industrial maintenance
- Equipment testing
- Technical training and demonstrations

Ideal For

The AVAIN LABS® LASER TACHOMETER TM-2234C+ is ideal for schools, colleges, universities, engineering laboratories, physics laboratories, industrial workshops, maintenance departments, research facilities, technical training institutes, and machinery testing applications.

With its wide 2.5–99,999 RPM measuring range, high accuracy, non-contact laser detection, memory function, and compact design, the TM-2234C+ provides a practical solution for rotational speed measurement.

Specifications

Model	TM-2234C+
Measuring Range	2.5 to 99,999 RPM
Resolution	0.1 RPM (from 2.5 to 999.9 RPM); 1 RPM (over 1,000 RPM)
Accuracy	±0.05% + 1 digit
Detecting Distance	50 to 500 mm
Memory	Last Value, Max Value, Min RPM
Power Source	9V PP3 Battery
Dimensions	131 × 70 × 29 mm

Available models (3)

Cat. No.	Model / Size	Size	HSN
TM-2234C-S1	Small	Small	
TM-2234C	Standard		
TM-2234C-S2	Large	Large	

Scan for details & enquiry