Contact+Non-Contact Combo Tachometer DT-2236C

Code: DT-2236C HSN: 90292090 GST: 18% Brand: AVAIN LABS











AVAIN LABS® Contact+Non-Contact Combo Tachometer DT-2236C

The AVAIN LABS® Contact + Non-Contact Combo Tachometer DT-2236C is a versatile digital instrument designed for accurate measurement of rotational speed (RPM) using both contact and non-contact methods. Its dual-mode design allows users to measure rotating machinery without physical contact using laser/photo detection, or directly measure rotational speed using the contact mode. The DT-2236C is suitable for industrial maintenance, mechanical engineering, laboratories, workshops, manufacturing...

With a non-contact measuring range of 2.5–99,999 RPM and a contact range of 5–19,999 RPM, the instrument provides a broad measurement capability for motors, shafts, fans, pumps, conveyors, engines, and other rotating equipment. Its memory function stores the last, maximum, and minimum RPM values for convenient comparison and inspection.

Key Features

- AVAIN LABS® Contact + Non-Contact Combo Tachometer
- Model: DT-2236C
- Combines laser/photo non-contact and contact RPM measurement
- Non-contact measuring range: 2.5–99,999 RPM
- Contact measuring range: 5–19,999 RPM
- Resolution: 0.1 RPM at lower RPM ranges and 1 RPM above 1,000 RPM
- Accuracy: ±0.05% + 1 digit
- Detecting distance: 50–500 mm
- Stores Last Value, Maximum Value, and Minimum RPM
- Automatic range selection
- Suitable for measuring rotational speed of rotating machinery
- Compact and portable design
- Battery powered using 4 × 1.5 V AA batteries

Contact & Non-Contact Measurement

The DT-2236C Combo Tachometer provides two measurement methods in one instrument.

Non-Contact / Laser Measurement:The photo/laser mode allows rotational speed to be measured without physically touching the rotating object. This is particularly useful for fast-moving or difficult-to-access components and helps avoid interference with the rotating system.

Contact Measurement:The contact mode allows direct RPM measurement using the appropriate contact accessories. This is useful where physical contact with the rotating shaft or surface is practical.

The combination of both methods makes the DT-2236C a flexible digital RPM meter and rotational speed measuring instrument.

Wide RPM Measuring Range

The instrument provides a wide speed measurement range:

- Non-Contact / Laser: 2.5–99,999 RPM
- Contact: 5–19,999 RPM

The high-speed non-contact range makes the tachometer suitable for a broad range of rotating equipment and industrial applications.

High-Resolution Measurement

The DT-2236C provides fine resolution at lower rotational speeds:

- 0.1 RPM from 2.5 to 999.9 RPM in non-contact mode
- 1 RPM above 1,000 RPM

The specified accuracy is ±0.05% + 1 digit, providing precise RPM measurement for inspection and maintenance applications.

Memory Function

The tachometer automatically stores important measurement values, including:

- Last RPM Value

Available models (3)

Cat. No.	Model / Size	Size	Measurin...	Resolution	Accuracy	Detecting...	Memory	HSN
DT-2236C-S1		Small						90292090
DT-2236C-S2		Large						90292090
DT-2236C	2.5 to 99,999 RPM (Laser) 5 to 19,999 RPM (contact), 0.1 RPM (from 2.5 to 999.9 RPM) 1 RPM (over 1,000 RPM), ±0.05% +1 digit, 50 to 500 mm, last value		2.5 to 99,999 RPM (Laser) 5 to 19,999 RPM (contact)	0.1 RPM (from 2.5 to 999.9 RPM) 1 RPM (over 1,000 RPM)	±0.05% +1 digit	50 to 500 mm	last value, Max Value, Min RPM	90292090

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