



Contact Tachometer



Product Description

KLABS Digital Tachometer is designed for accurate measurement of rotational speed and surface speed, available in two models - Photo Tachometer (DT-2234B) and Contact Tachometer (DT-2235B). The photo tachometer enables non-contact measurement using optical sensing, while the contact tachometer allows direct measurement along with surface speed analysis.

Both models feature a clear 5-digit LCD display, high accuracy with quartz crystal time base, and fast sampling time for reliable readings. The instruments are equipped with memory functions to store last, maximum, and minimum values, ensuring efficient data monitoring.

Compact, portable, and easy to operate, these tachometers are suitable for industrial maintenance, laboratory testing, and quality control applications where precise RPM and surface speed measurement is required.

Technical Specifications

Parameter	K-2234B (Photo Tachometer)	K-2235B (Contact Tachometer)
Range	5 to 99,999 RPM	0.5 to 19,999 RPM
Surface Speed (m/min.)	—	0.05 to 1,999.9 m/min
Surface Speed (ft/min.)	—	0.2 to 6,560 ft/min
Resolution	0.1 RPM (<1000 RPM), 1 RPM (≥1000 RPM)	0.1 RPM (<1000 RPM), 1 RPM (≥1000 RPM)
Display	5 digits, 10 mm LCD	5 digits, 10 mm LCD
Accuracy	± (0.05% + 1 digit)	± (0.05% + 1 digit)
Sampling Time	1 second (60 RPM)	1 second (6 RPM)
Time Base	Quartz crystal	Quartz crystal
Detecting Distance	50 to 150 mm (Typical max. 300 mm)	—
Circuit	Exclusive one-chip microcomputer LSI circuit	Exclusive one-chip microcomputer LSI circuit
Battery	1.5V AA (UM-3) × 4	1.5V AA (UM-3) × 4
Operating Temperature	0 to 50°C	0 to 50°C
Memory	Last value, Max. value, Min. value	Last value, Max. value, Min. value
Size	190 x 72 x 37 mm	208 x 72 x 37 mm
Weight	250 g	280 g