

UNI-T UT315A

is a portable digital vibration tester designed for measuring displacement, velocity, and acceleration of rotating and reciprocating machinery. UNI-T UT315 can be widely used in mechanical manufacturing, electric power, petroleum chemical industry, metallurgy, aerospace and other fields.

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Features

- Large backlit LCD.
- Acceleration, velocity and displacement measurement.
- Highly sensitive probes provide accurate measurements.
- The short and long probes are suitable for measurement in various places.
- Comes with a magnetic chuck.
- Low battery indication.
- Auto power off.
- Max. value display.
- USB communication.
- Data hold and data storage.


Technical Specifications

Acceleration measurement (O-P)	0~199.9 m/s ² ; frequency response: 10 Hz-10 kHz, accuracy: $\pm(5\%+0.2 \text{ m/s}^2)$
Velocity measurement (RMS)	0~19.99 cm/s; frequency response: 10 Hz~1 kHz, accuracy: $\pm(5\%+0.02 \text{ cm/s})$

Displacement measurement (P-P)	1~1.999 mm; frequency response: 10 Hz~500 Hz, accuracy: $\pm(5\%+0.002 \text{ mm})$
Battery life	up to 8 hours of continuous measuring
Display count	2000
Power	9V battery (6F22)
Weight	395 g
Dimensions	166 mm × 80 mm × 30 mm

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