Portable Vibration Meter GV300

GV300 uses piezoelectric acceleration transducer to convert vibration signal into electric signal. Results display in forms of RMS of velocity values, peak-peak value of displacement, peak values of acceleration or real-time spectrum. The vibration meter is designed to test conventional vibration, especially the vibration test in rotating and reciprocating machines.

GV300 measures all three parameters - acceleration, displacement and velocity with spectrum display. It also measures rotational speed with optional laser speed probe. GV300 is a powerful tool in quality control and preventative maintenance.

Specifications:

Measuring range	Acceleration	0.01-20.98 g (peak) 0.1-205.6 m/s² (peak)
	Velocity	0.01-15.75 in/s (RMS) 0.1-400.0 mm/s (RMS)
	Displacement	0.1-354.3 mil (peak-peak) 0.001-9.0 mm (peak-peak)
Transmission bands	Acceleration	10-200 Hz, 10-500 Hz,
		10-1 000 Hz, 10-10 000 Hz
	Velocity	10-1 000 Hz
	Displacement	10-500 Hz
Spectrum display		
Display units	Metric units & Imperial (English) units	
Speed range	30-60 000 rpm corresponding to 0.5-1 000 Hz	
Measuring distance	0.15-1 m	
Display	TFT 320×200 pixels with RGB	
Printer	Built-in thermal printer	
USB data output	Software to connect with a computer is optional	
On-board memory	25×62 pieces of data and 25 spectrums	
Operating temp.	0-40 ℃	
Relative humidity	≤80%	
Battery	Li rechargeable battery 50 continuous hours without printing	
Dimensions	212×80×35 mm	
Weight	320 g	

Standard accessories:

Main unit with printer
Probe/accelerometer
Magnetic Suction Base
Charger
Communication cable
Instruction manual
Calibration certificate
Carrying case

Optional accessories:

Software
Laser speed transducer
Long needle

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