

SDL800/VB500 Vibration Meter/Dataloggers



CE

Includes remote vibration sensor(s) with magnetic adapter, batteries, SD card, and hard case; SDL800 has 3yr warranty and optional AC Adaptor. VB500 has 1yr warranty and also includes 4 vibration sensors and 100-240V Universal AC Adaptor.

Datalogs readings with date/time stamps via SD card in Excel® format for easy transfer to a PC

- Wide frequency range of 10Hz to 1kHz
- RMS, Peak Value measurement modes
- Min/Max, Zero function, Max Hold, Data Hold and Auto Power Off
- Adjustable data sampling rate: 1 to 3600 seconds

Model SDL800

- Single Channel input; includes one vibration sensor

Model VB500

- Four Channel input; includes 4 vibration sensors and Universal AC Adaptor

SPECIFICATIONS

Acceleration (max res)	656ft/s ² (1ft/s ²), 200m/s ² (0.1m/s ²), 20.39g (0.01g)
Velocity (max res)	7.87in/s (0.01in/s), 200mm/s (0.1mm/s), 19.99cm/s (0.01cm/s)
Displacement (max res)	0.078in (0.001in), 2mm (0.001mm)
Basic accuracy	±5%
Dimensions/ Weight	SDL800: Meter: 7.2x2.9x1.9" (182X73X48mm)/Meter: 1.3lbs (599g) VB500: Meter: 8 x 3 x 1.5" (203 x 76 x 38mm)/ Meter: 1.13lbs (515g)

ORDERING

SDL800	Vibration Meter/Datalogger
VB500	4-Channel Vibration Meter/Datalogger
UA100-240	100-240V AC Adaptor with 3 plugs (US, EU, UK, AU)

407860 Heavy Duty Vibration Meter

Includes remote sensor with 3.9ft (1.2m) cable, magnetic mount, 9V battery, holster with stand and case; 3 year warranty.

CE



Measure Velocity, Acceleration and Displacement

- Frequency range: 10Hz to 1kHz
- RMS or Peak Value measurement modes
- Auto/Manual store/recall up to 500 readings
- Max/Min, Data Hold and Auto Power off functions

SPECIFICATIONS

Acceleration (max res)	656ft/s ² (2ft/s ²) or 200m/s ² (0.5m/s ²)
Velocity (max res)	7.87in/s (0.02in/s) or 200mm/s (0.5mm/s)
Displacement (max res)	0.078in (0.001in) or 1.999mm (0.001mm)
Basic accuracy	±5%
Dimensions/ Weight	Meter: 7.1x2.9x1.3" (180x72x32mm)/Meter: 0.87lbs (395g)

ORDERING

407860	Vibration Meter/Datalogger
156119	117VAC Adapter
156221	220VAC Adapter

VB450 Vibration Meter

NEW

Includes remote sensor, magnetic mount, 9V battery, wrist strap, and soft case; 1 year warranty

CE



Wide 10Hz to 1500Hz frequency range

- Frequency range: 10Hz to 1kHz
- Velocity (RMS), Acceleration (Peak), and Displacement (Peak-to-Peak) modes
- Auto Power Off and Low battery indicator
- Automatic data hold after measurement button is released

SPECIFICATIONS

Acceleration (max res)	0.1 to 199.9 m/s ² (0.1m/s ²)
Velocity (max res)	0.1 to 199.9mm/s (0.1mm/s)
Displacement (max res)	1 to 1999µm (1µm)
Basic accuracy	±5%
Dimensions/ Weight	7.3x2.7x1.2" (185x68x30mm)/ 8.1oz (230g)

ORDERING

VB450	Vibration Meter
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CALIBRATION TRACEABLE TO NIST