

MIL306D Digital Vibration Meter (Velocity Sensor)

Part Number M30603

The Mechanalysis model MIL306D portable digital vibration meter is suitable for most industrial applications with an easy to read display.

Model MIL306D vibration meter measures machinery vibration in terms of Displacement (microns) and Velocity (mm/sec) covering most machinery faults and displays accurately with a 3½ Digit display. Its integrated circuit technology provides wide dynamic range and long battery life.

Standard Accessories	Qty	Part Number	Optional Accessories	Part Number
Velocity sensor MIL544	1	M45260	Magnetic Holder for Model MIL544 Sensor	M43320
Cable 1.2m (4ft) Model MIL544 Velocity Sensor-BNC	2	M24821	Shaft Stick for Sensor	M24750
Straight Probe for Model MIL544 Sensor	1	M11030	Magnetic Shield for MIL544 Sensor	M60017
Carrying Case (leather) for Model MIL306D	1	M50121	Manual Training Vibration Technology 1	M51001
Battery Set, 2 Nos. of 9V, 100mAH Dry Cells	1	M30642		
Manual Operating	1	M30642		

SPECIFICATION

Measurement Ranges

- Displacement: - 20, 200, 2000 microns Pk-Pk
- Velocity: - 20, 200, 2000 mm/sec Pk

Frequency Range

- Displacement: - 300 to 60,000 CPM (5 to 1,000 Hz)
- Velocity: - 600 to 60,000 CPM (10 to 1,000 Hz)

Accuracy

- Instrument: - 1% of full scale Range
- System: - 5% @ Full Scale Range

Input / Output

- Input: - Velocity sensor MIL544
- Output: - LCD Digital Display (3½ Digit)

Power Requirements

- Battery Set, 2 Nos of 9V, 100 mAH Dry Cells (Installed inside)

Environmental

- Operating temp: - 0°C to + 50°C
- Storage temp: - -18°C to + 65°C

Weight & Dimensions

- Instrument: - 400 gms.
180mm(L)x100mm(W)x40mm (H)
- Carrying Case: - 195mm X 185mm X 110mm
- Packaged supply - 2.4 Kg



Mechanalysis (India) Ltd. continues to be the industry leading provider of Condition Management Solutions. With over 30 years experience in machinery vibration and associated condition monitoring technologies, the company designs and manufactures proven instrumentation suitable for rugged industrial environments. A comprehensive range of products and services are available from the offices below.

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