

PRODUCT INFORMATION

MIL306 Vibration Meter (Velocity Sensor)

Part Number M30601

The Mechanalysis model MIL306 vibration meter measures industrial machinery vibration in terms of Displacement (microns) and Velocity (mm/sec) covering most machinery faults. This rugged and proven portable vibration meter has been in use worldwide for over 30 years. Over this time its circuitry has been enhanced to ensure stability, accuracy and the highest reliability. Supplied with the MIL544 inductive velocity sensor, it can also be used for balancing machine rotors applying the 'Three Point Balancing Method'.

Standard Accessories	Qty	Part Number (P/N)
Sensor inductive velocity model MIL544 42.5mV/mm/sec, top connector	1	M45260
Cable Assembly for model MIL306/306C to MIL544	2	M24820
Velocity Sensor - 1.2m (4ft), rubber insulated, shielded	1	M11030
Probe Straight for Sensor	1	M25349
Carrying Case for model MIL306 / MIL306C	1	M30642
Battery Set, 2 Nos. of 9V, 100mAH Dry Cells	1	M43080
Manual Operating	1	M43080

Optional Accessories	Part Number (P/N)
Magnetic Holder for MIL544 Inductive velocity sensors	M43320
Shaft stick for MIL sensors	M24750
Magnetic Shield for MIL544 Sensor	M60017
Manual Training- Mechanalysis Vibration Technology 1	M51001



SPECIFICATIONS

Measurement Ranges 7 Overlapping

Displacement: - 0 – 3,000 microns Pk to Pk
 Velocity: - 0 – 3,000 mm/sec Pk

Frequency Range

Displacement: - 300 to 24,000 CPM (5 Hz to 400 Hz)
 Velocity: - 300 to 150,000 CPM (5 Hz to 2,500 Hz)

Accuracy

Instrument: - 1.0 % of full scale

Input

: Inductive Velocity Sensor MIL544 Calibrated to National Standards

Output

: Analog Moving Coil Meter display

Power Requirements

Internal Battery - Battery Set, 2 Nos. of 9V, 100mAH Dry Cells

Environmental

Operating temp: - 0°C to +55°C
 Storage temp: -18°C to +60°C

Weight & Dimensions

Instrument: - 184mm (L) x 114mm (W) x 83mm (H)
 Carrying case: - 195mm x 185mm x 110mm
 Instrument with batteries: - 0.8 Kg
 Carrying Case: - 2.4 Kg (including meter and standard accessories)

Mechanalysis (India) Ltd. strives to continue to improve the above specification and retains the right to change them without notice

The Vibration People of Mechanalysis (India) Ltd can be contacted at any one of the following Branches

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