

PRODUCT INFORMATION

MIL306DD Digital Auto-Ranging Vibration Meter (Velocity Sensor)

Part Number M30604

The Mechanalysis model MIL306DD portable digital auto-ranging vibration meter is suitable for most industrial applications with a clear large LCD display. Operatives find it very easy to use by simply selecting either Displacement (microns) or Velocity (mm/sec) from a central tactile button. The auto-ranging display then automatically changes to the appropriate measurement unit. A convenient machinery vibration severity assessment guide is printed on the front panel. The MIL306DD evolved from 40 years of proven signal processing providing a wide dynamic range and long battery life. 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
Velocity sensor (inductive) model MIL544	1	M45260
Cable Assembly for model MIL306DD to MIL544	2	M24820
Velocity Sensor- 1.2m, rubber insulated, shielded		
Straight Probe for model MIL544 sensor	1	M11030
Carrying Case for model MIL306DD	1	M25351
Battery Set, 2 Nos. of 9V, 100mAH Dry Cells	1	M30642
Manual Operating	1	M43085

Optional Accessories	Part Number
Magnetic Holder for MIL544 Sensor	M43320
Shaft Stick for Sensor	M24750
Magnetic Shield for MIL544 Sensor	M60017

SPECIFICATIONS

Measurement Display – Auto Ranging

Displacement:	- 0 - 2,000 microns Pk-Pk
Velocity:	- 0 - 200 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:	- 0.5% of full scale \pm 1 count
-------------	------------------------------------

Input / Output

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

Power Requirements

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

Environmental

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

Weight & Dimensions

Instrument Wt.:	- 400 gms (meter only)
Instrument:	- 18mm (L) x 100mm (W) x 40mm (H)
Carrying Case Wt.:	- 2.4 Kg (inc. meter & standard accessories)
Carrying Case:	- 195mm (L) x 185mm (W) x 110mm (H)



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

Mumbai	Delhi	Kolkata	Chennai
Tel: +91(0)22-2852-0178 Fax: +91(0)22-2852-1814 mumsa@mechanalysisindia.com	Tel: +91(0)11-2237-3916 Fax: +91(0)11-2237-0778 delsa@mechanalysisindia.com	Tel: +91(0)33-2355-2062 Fax: +91(0)33-2355-9214 kolsa@mechanalysisindia.com	Tel: +91(0)44-2823-0726 Fax: +91(0)44-2823-4702 chensa@mechanalysisindia.com