



IRD Mechanalysis® Limited



# IRD306DP

## Digital Vibration Meter



**Vibration Velocity mm/s RMS**



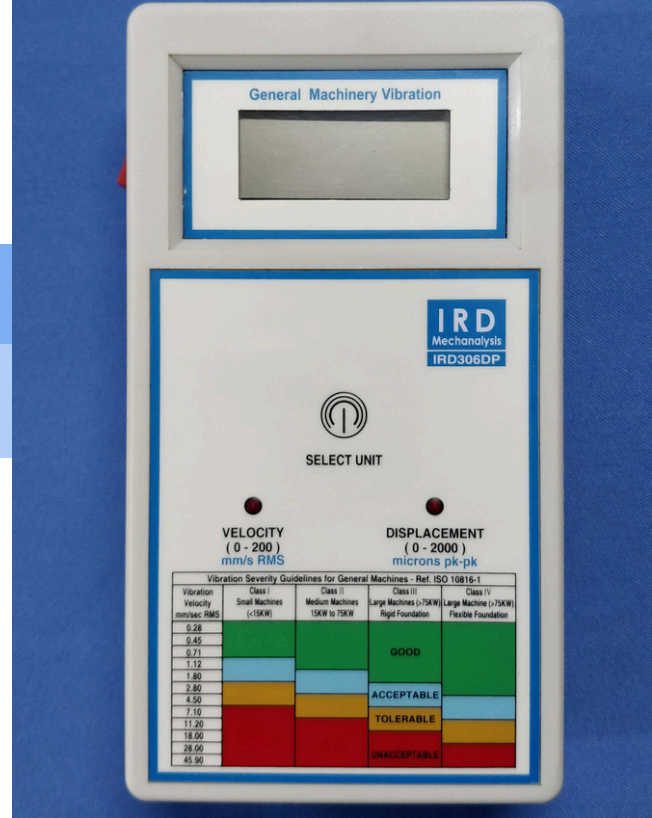
**Vibration Displacement um pk-pk**



**ISO 10816-1 Severity Chart**

IRD306DP is an Easy-to-use, Portable, Handheld Vibration Meter that allows for **quick and easy checking of Vibration Levels on Rotary Machines** such as Motors, Pumps, Fans, Turbines, Compressors, etc.

It is **Made in India** by IRD Mechanalysis Limited and comes with **Lifetime Warranty**. It is ideal for carrying out **Routine or Predictive Maintenance**



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# IRD306DP – Technical Specifications

Measurement Range Displacement	0-2000 microns pk-pk
Measurement Range Velocity	0-200 mm/sec RMS (pk available on request)
Frequency Range Displacement	5 Hz to 1000 Hz
Frequency Range Velocity	5 Hz to 6000 Hz
Input Sensor	4 mV/mm/sec +/- 10%
Instrument Accuracy	0.5 % of Full Scale +/- 1 Count (Meter only)
Display	Digital LCD 3 1/2 Display
Battery Requirements	2 Nos. of 9V Dry Cell, 100 mAh
Operating Temperature	0 to 50 Degrees Celsius
Storage Temperature	-18 to +65 Degrees Celsius
Instrument Dimensions	180 (L) x 100 (W) x 40 (H) in mm
Instrument Weight with Batteries	0.4 kg
Carrying Case Weight	2.4 kg including all standard accessories
Standard Accessories with Meter	1 x IRD531 Sensor (4 mV/mm/sec), 1 x Stinger for Sensor, 1 x Magnetic Mount for Sensor, 2 x Coiled Cables of 3 meter extended length, 2 x Rechargeable Batteries 9V, 1 x Charger, 1 x Carry Bag
Optional Accessories (provided on request and at extra charge)	Shaft Stick, Straight Cables of Custom Length (min 1 meter, max 30 meters), Hard Carrying Case, Bumper Protection Cover



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