

IRD306DP

Easy-to-Use Digital Vibration Meter

IRD Mechanalysis® Limited



IRD Mechanalysis model **IRD306DP** is a portable digital auto-ranging vibration meter with a clear large **LCD display**. It is supplied with a piezo velocity accelerometer model **IRD531**. It is designed for general machinery vibration measurements for most industrial applications. It is effortless to use; simply select either **Displacement** (microns) or **Velocity** (mm/sec) from a central tactile button; the **auto-ranging** display then changes to the appropriate measurement unit. The **ISO 10816-1** machinery vibration assessment guide is printed on the front panel. It can be used for balancing machine rotors applying the '**Three Point Balancing Method**'. A spare cable is supplied for '**Keeping you Going**'

Specifications

Measurement Range Displacement	: 0-2000 microns pk-pk
Measurement Range Velocity	: 0-200 mm/sec RMS (pk on request)
Frequency Range Displacement	: 5Hz - 1000Hz
Frequency Range Velocity	: 5Hz - 6000Hz
Instrument Accuracy	: 0.5% of full scale 1 count
Input	: Sensor IRD531
Output	: LCD Digital Display (3 1/2 Digit)
Battery	: 2 Nos. of 9V Dry Cell, 100 mAH
Operating Temperature	: 0°C to 50°C, Sensor - 140 °C
Storage Temperature	: -18 °C to 65°C
Instrument Dimensions	: 180mm (L) X 100mm (W) X 40mm (H)
Instrument Weight with Batteries	: 0.4kg
Carrying Case Weight	: 2.4kg (including all standard accessories)

The product is available to **buy online at our website** www.irdmech.com. If you wish to receive a formal quote from us, please send in your enquiry to sales@irdmech.com or call us on **+91-2248972000**.

