



The IRD Mechanalysis Portable Calibrator is a quick checking tool for checking the accuracy of most IRD Vibration Meters:

- IRD Model 811D Vibration cum Spike Energy™ Detector, Digital
- IRD Model 811 Vibration cum Spike Energy™ Detector, Analog
- IRD Model 306DP Vibration Meter, Digital

The calibrator is small, handy and battery operated. It has a guide printed on its body which gives the expected values of the three parameters, Acceleration, Velocity and Displacement, when the calibrator is attached to the portable meter. Simply switch on the calibrator and attach it to the meter in question. Switch on the meter also and read the displayed values in the meter in all three units.

IRD fulfils the promise of *'Keeping you Going'*.

IRD PORTABLE CALIBRATOR			
UNIT	811D	811	306DP
Acceleration	0.85 gPk	0.85 gPk	-
Velocity	12.25 mm/sec Pk	12.25 mm/sec Pk	8.6 mm/sec RMS
Displacement	36 Microns Pk-Pk	36 Microns Pk-Pk (Select 1400 CPM)	36 Microns Pk-Pk



SPECIFICATIONS

Power Requirements

- Internal Batteries: - Battery 9V Dry cell
- Battery Test: - Battery condition indicated on front through LED

Environmental

- Operating temp: - -1°C to 65°C
- Storage temp: - -20°C to 65°C

Packaging

- Enclosure: - MS Fabricatd
- Battery compartment: - Easy access for quick change of batteries

Weight & Dimensions

- Dimensions: - 70 mm (L) x 50 mm (W) x 50 mm (H)
- Weight: - 325 gms

The **Vibration People** of IRD **Mechanalysis** can be contacted by:

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