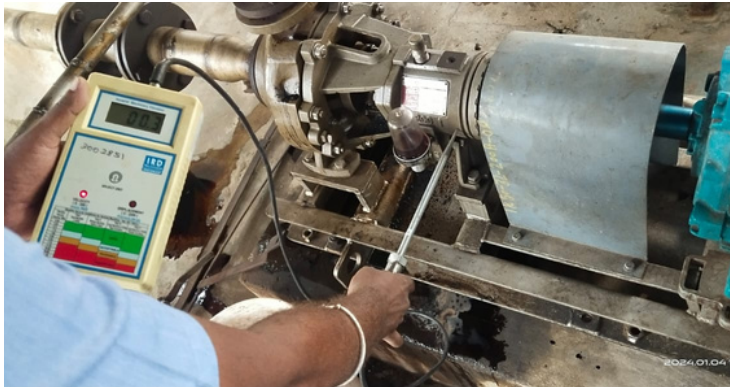


## GE300 - Uni-Directional Shaker for Verification of Calibration



### Overview

IRD Mechanalysis Limited (a.k.a. IRD) is a Global Condition Monitoring Solutions provider **since 1962**. Headquartered in India, IRD has provided countless Vibration Based Condition Monitoring Solutions to the World via its Portable Instruments and Online Systems.

To complement the vast range of Solutions offered - IRD also has Shakers that can help verify the Calibration of a Sensor or Meter or Monitoring System. The model GE300 is a Uni-Directional Shaker that helps in verifying the Calibration of both Contact Type as well as Non-Contact Type Vibration Sensors. Calibration is verified by following **ISO16063-21 standard** wherein Sensor under Observation is compared to a Calibrated Reference. Model GE300 has a Flat Table that vibrates in the Vertical Direction at a fixed frequency of 50 Hz or 60 Hz (depending on Line Frequency) and has a knob for controlling amplitude.

### Specifications

### Features

Shaker Type	Electro-Magnetic
Vibrating Table Top Size	Square 340 x 340 mm
Payload max	5 kg inclusive of Fixtures
Dimensions	340(L) x 340 (W) x 310(H)
Max Amplitude	4.4 g pk
Vibration Frequency	50 Hz or 60 Hz (Line Frequency)
Input Power	230 V AC, 50/60 Hz, Single Phase
Net Weight of Shaker	40 kg approx

- Can be kept on Ground or Table. Needs a Levelled flat surface
- Sturdy Design - suitable for Rough use
- Amplitude can be controlled between 0 and Maximum via Sweep of Rotary Knob
- Power ON/OFF Button
- Studs can be provided as many as required to assist in mounting of Contact Type Vibration Sensors. By default, comes with provision for 5 Contact Type Sensors (1 reference + 4 under observation)
- Comes with reference sensor contact type with display and 5 meters cable between Shaker and external Display
- ISO16063-21 compliant
- For Non-Contact type sensors, magnetic holders for sensors and Eddy Current type sensors sold separately
- Generates Vibration at a frequency of 50 Hz or 60 Hz - depending on Line Frequency
- Works on 230 V AC, 50/60 Hz, Single Phase Power Input
- Vibrating Table top is **340 x 340 mm in size** with **max payload of 5 kg**