

Robotic 3D Laser Scanning Structural Vibration Test Station

Make: Polytec || Model: Robovib PSV-500-3DH

Salient Features :

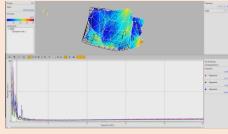
- Frequency range: 0-100 kHz
- 3D laser scanning vibrometer mounted on a multiaxis industrial robot, and controlled axes = 6 + 1 (linear track of 4 m length)
- Software for incorporating FE geometry, external sensor data, & modal analysis

Image Gallery

Vibration Testing of Automobiles

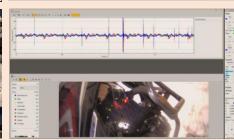






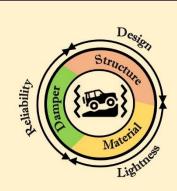






Propositions

- Identifying the <u>sources of vibration</u> in a vehicle
- <u>Severity of the vibration</u> in different parts of a vehicle
- Effect of vibration to the <u>rider</u>
- Simulating a vehicle to comply with varying <u>road conditions</u> (in future)
- Catering to the <u>requirements</u> of an OEM in vibration testing and analysis





Our

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