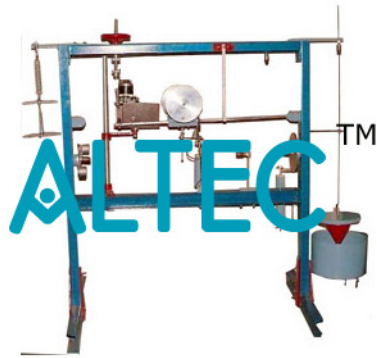


**Product Name :**  
Universal Vibration Apparatus**Product Code :**  
ALABS-A104-098**Description :****Universal Vibration Apparatus**

The apparatus provided comprehensive unit to perform the vibration experiments. A universal frame is provided upon which quick and easy assembly of various experiments can be done. The unit is self-contained to safely store spares. The students can easily assemble the experiments and study the theory of vibrations practically.

**Experiments :**

- To verify the relation simple pendulum
- To verify the relation of compound pendulum & to determine the radius of gyration
- To study radius of gyration of bi-filar suspension
- To study the undamped free vibration of spring mass system
- To study the longitudinal vibration of helical coiled spring

- To study the forced vibration of simply supported beam for different damping.
- Undamped torsional vibrations of single rotor system
- Undamped torsional vibrations of double rotor system
- To study the damped torsional vibration of single rotor system and to determine the damping co-efficient
- Verification of Dunker ley's Rule
- To study the forced damped vibration of spring mass system

**Utilities Required :**

- Floor Space: 2.5 m x 2.5 m approx.
- Power Supply: 230V AC. 5 Amp with earth.



## **Equipments Exporters**

**Website:** [www.equipmentsexporters.com](http://www.equipmentsexporters.com), **Email:** [sales@equipmentsexporters.com](mailto:sales@equipmentsexporters.com)

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