



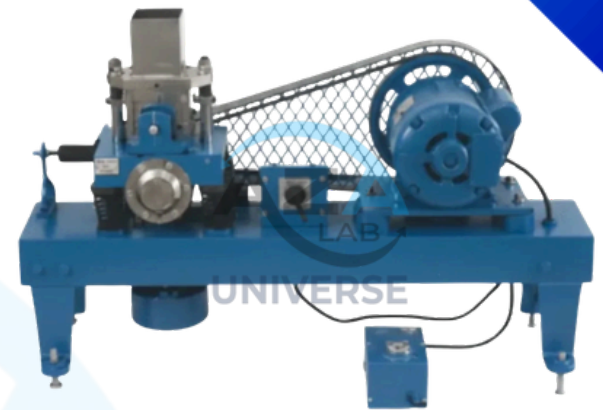
UNIVERSE

VIBRATING MACHINE AZA0806

The AZA0806 Laboratory Vibrating Table is a precision-engineered compaction system designed for uniform consolidation of concrete, mortar, and cement specimens in laboratory environments.

By effectively eliminating entrapped air voids, the unit ensures consistent density and improves the reliability of compressive strength, flexural strength, and workability test results. Its robust construction, controlled vibration mechanism, and stable platform make it essential for high-accuracy material testing.

Widely used in construction laboratories, QA/QC facilities, government-approved test houses, and academic institutions, the AZA0806 delivers repeatable and standards-compliant performance.



Key Features

- Concrete specimen compaction for compressive and flexural strength testing
- Mortar and cement paste consolidation
- Fresh concrete property evaluation
- Quality control in construction and infrastructure projects
- Laboratory preparation of cubes, cylinders, and beams
 - Academic training and civil engineering education
 - Research on admixtures, blended cement, and high-performance concrete
 - Preparation of density-controlled samples for comparative studies



UNIVERSE

Standards & Compliance

- IS:1199
- IS:516
- ASTM C192

Product Features & Benefits

- Uniform Vibration Distribution

Ensures consistent compaction across the entire table surface.

- Heavy-Duty Motor

Designed for continuous operation in demanding laboratory environments.

- Adjustable Vibration Intensity

Allows optimization for different materials and specimen types.

- Corrosion-Resistant Table Top

Enhances durability and long-term performance.

- Non-Slip Platform

Secures moulds during vibration, preventing displacement.

- Stable Frame with Isolation Pads

Minimizes external vibration transfer and enhances operational stability.

- User-Friendly Control Panel

Simple ON/OFF operation for ease of use.

- Low Maintenance Design

Durable components reduce servicing requirements.



TECHNICAL SPECIFICATION

Parameter	Details
Model	AZA0806
Equipment Type	Laboratory Vibrating Table
Motor Power	0.5 – 1 HP (Heavy-Duty Vibration Motor)
Table Size	500 mm × 500 mm (Custom sizes available)
Vibration Frequency	3600 ± 200 vibrations/min
Vibration Amplitude	Adjustable
Loading Capacity	Up to 150 kg
Table Top	Corrosion-Resistant Steel
Control System	ON/OFF Switch
Standards Compliance	IS:1199, IS:516, ASTM C192
Power Supply	230 V AC, 50 Hz
Weight	Approx. 45 – 60 kg