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POKER VIBRATOR (WITH VIBRATING TABLE)

AZA1167

The AZA-LAB Poker Vibrator with Vibrating Table (AZA1167) is a dual-function concrete compaction system designed for laboratory-grade specimen preparation. It integrates internal (needle) vibration and surface vibration into a single, efficient platform, ensuring uniform density, reduced air voids, and highly reliable compressive strength results.

Concrete compaction is critical to achieving accurate test outcomes. The AZA1167 addresses this by offering high-frequency internal vibration for deep compaction and controlled surface vibration for mould-based specimens, making it suitable for cubes, cylinders, beams, and custom moulds.

Key Applications

- Concrete cube, cylinder, and beam specimen compaction
- Cement and concrete testing laboratories
- Construction QA/QC and infrastructure projects
- Precast and ready-mix concrete plants
- Academic and research institutions
- Field and mobile testing units

Compliance & Standards

- ASTM C31/C31M – Practice for Making and Curing Concrete Test Specimens in the Field
- IS 1199 – Methods of Sampling and Analysis of Concrete





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TECHNICAL SPECIFICATIONS

Parameter	Specification
Model No.	AZA1167
Product Type	Poker Vibrator with Vibrating Table
Table Size	500 mm × 500 mm
Table Motor	0.5 HP, 230V AC
Table Frequency	~3,600 VPM
Poker Needle Diameter	25 mm
Poker Frequency	~12,000 VPM
Operating Voltage	230V ±10%, 50 Hz
Construction	Powder-coated steel frame
Mounting	Vibration-dampening rubber supports
Compliance	ASTM C31/C31M, IS 1199
Application	Concrete compaction for test specimens