DLC VIBRATING HAMMER FOR CONCRETE MOULDS AZA1169

The AZA-LAB DLC Vibrating Hammer (AZA1169) is a high-efficiency compaction tool designed for rapid and uniform consolidation of concrete in moulds and formwork. It ensures dense, void-free specimens, improving compressive strength, durability, and overall test reliability.

Engineered for construction sites, precast facilities, and laboratory environments, the unit delivers high-frequency vibration (10,000–12,000 VPM) for effective air removal and optimal compaction. Its ergonomic and portable design allows easy handling while minimizing operator fatigue during extended use.

Constructed with a high-strength alloy steel body and powered by a heavy-duty electric motor, the AZA1169 offers reliable performance under demanding conditions. It complies with ASTM C232 and EN 480-4, making it suitable for standardized compaction practices.

Key Applications

- Concrete cube, cylinder, beam, and column mould compaction
- Precast concrete manufacturing
- Construction site QA/QC operations
- Laboratory mix design and specimen preparation
- Slab and structural formwork compaction
- Field sampling and finishing applications

Compliance & Standards

- ASTM C232 – Practice for Concrete Compaction (applicable vibration practices)
- EN 480-4 – Determination of Concrete Compaction Characteristics

TECHNICAL SPECIFICATIONS

Parameter	Specification
Model No.	AZA1169
Product Type	DLC Vibrating Hammer
Power Source	Electric
Voltage	220–240 V AC
Frequency	50 / 60 Hz
Power Output	500 – 1000 W (variant dependent)
Vibration Frequency	10,000 – 12,000 VPM
Body Material	High-strength alloy steel
Dimensions	290 × 255 × 350 mm
Weight	Approx. 6 kg
Included Accessories	Tamping foot + shank
Warranty	1 Year
Compliance	ASTM C232, EN 480-4
Application	Concrete mould compaction