AZA LAB / MATERIAL TESTING EQUIPMENT

AUTOMATIC MARSHALL COMPACTOR

AZA1200 | TECHNICAL DATASHEET



PRODUCT OVERVIEW

The AZA1200 Automatic Marshall Compactor is designed for repeatable impact compaction of asphalt mixture specimens during Marshall mix-design and laboratory quality-control procedures. The equipment uses a controlled falling mass to deliver a preset number of blows.

The specified configuration includes a 4,536 ± 9 g sliding mass, 457.2 ± 1.5 mm fall height, and 101.6 mm mould diameter. The automatic blow counter is adjustable from 0 to 999.

KEY CAPABILITIES

- Automatic impact compaction for Marshall specimens
- Preset compaction count: 0–999 blows
- Sliding mass: 4,536 ± 9 g
- Drop height: 457.2 ± 1.5 mm
- Compaction frequency: 60 ± 5 blows/min
- 101.6 mm specified mould diameter

TECHNICAL SPECIFICATIONS

01 / TECHNICAL PARAMETERS

Parameter	Specification
AZA LAB model	AZA1200
Equipment	Automatic Marshall Compactor
Sliding mass	4,536 ± 9 g
Fall height	457.2 ± 1.5 mm
Mould diameter	101.6 mm (specified)
Compaction frequency	60 ± 5 blows/min
Compaction count	0–999 blows
Pedestal dimensions	200 × 200 × 457 mm
Power supply	380 V / 220 V, 50 Hz
Rated power	370 W

02 / PRODUCT CONFIGURATION

- Automatic Marshall Compactor, AZA1200
- Compaction pedestal

CONTACT

Phone: +91 72082 09254
Email: info@azalab.in
Website: https://azalab.in/