AZA LAB / MATERIAL TESTING EQUIPMENT

AUTOMATIC MARSHALL COMPACTOR BIG & SMALL MULTIFUNCTION MODEL

AZA1200A | TECHNICAL DATASHEET



PRODUCT OVERVIEW

The AZA1200A Automatic Marshall Compactor is a multifunction laboratory apparatus designed for compaction of asphalt mixture specimens using both standard 4-inch and modified 6-inch Marshall mould configurations.

The machine provides a nominal compaction frequency of 60 blows per minute, with configuration-specific sliding masses and mould diameters for asphalt mix preparation and laboratory testing.

KEY CAPABILITIES

- Dual-size 4-inch and 6-inch compaction capability
- Standard sliding mass: 4,536 ± 9 g
- Modified sliding mass: 10,210 ± 9 g
- Nominal drop height: 457 ± 1.5 mm
- Compaction frequency: 60 blows/min
- 220 V configuration offered; confirm supply details

TECHNICAL SPECIFICATIONS

01 / TECHNICAL SPECIFICATIONS

Parameter	4-inch standard	6-inch modified
Sliding mass weight	4,536 ± 9 g	10,210 ± 9 g
Fall height	457 ± 1.5 mm	457 ± 1.5 mm
Mould diameter	101.6 mm	152.4 mm
Mould height	87 mm	Not specified
Compaction frequency	60 blows/min	60 blows/min
Power supply	220 V (offered)	220 V (multifunction model offered)
Model	AZA1200A	AZA1200A

02 / CONFIGURATIONS

- Standard 4-inch Marshall compaction
- Modified 6-inch Marshall compaction
- Multifunction arrangement for both specimen sizes

03 / SUPPLY & VERIFICATION

Confirm supplied moulds, rammers, automatic blow counter, safety guards and mains frequency with manufacturer before ordering.

CONTACT

Phone: +91 72082 09254

Email: info@azalab.in

Website: https://azalab.in/