SIEVE SHAKER AZA1302

The AZA1302 Sieve Shaker is a robust, precision-engineered electromechanical sieve shaker designed for accurate, repeatable, and standardized particle size analysis of granular and powdered materials. Combining horizontal circular motion with mechanical tapping, the instrument closely replicates traditional hand sieving while eliminating operator inconsistency, fatigue, and human error.

Designed for laboratories requiring reliable gradation and particle size distribution analysis, the AZA1302 is widely used in soil mechanics, aggregates testing, cement analysis, pharmaceuticals, mining, food processing, ceramics, and research laboratories.

Its automated operation significantly improves testing efficiency, reproducibility, and compliance with international testing standards including ASTM E11 and ISO 3310.

COMPLIANCE WITH INTERNATIONAL STANDARDS

The AZA1302 Sieve Shaker is designed in accordance with:

- ASTM E11 – Standard Specification for Woven Wire Test Sieve Cloth
- ISO 3310 – Test Sieves: Technical Requirements & Testing

These standards ensure globally accepted, reliable, and repeatable testing performance.

AZA LAB UNIVERSE

TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA1302
Device Type	Electromechanical Rotap Sieve Shaker
Motion Type	Horizontal Circular Motion with Mechanical Tapping
Compatible Sieves	8” (20 cm) and 12” (30 cm) Diameter
Sieve Capacity	6–8 Full Height Sieves
Operation Mode	Dry Sieving
Timer	Digital Programmable Timer
Control Type	Adjustable Timer & Speed Controls
Frame Material	Heavy-Duty Steel Construction
Surface Finish	Anti-Corrosion Coating
Power Supply	220V / 110V AC, 50/60 Hz
Noise Level	≤ 85 dB
Weight	Approx. 40–60 kg

TECHNICAL SPECIFICATIONS

Parameter	Specification
Compliance Standards	ASTM E11, ISO 3310
Installation Type	Bench Mounted
Operation	Continuous Duty
Maintenance	Low Maintenance Design