SIEVE SHAKER AZA0925

The AZA0925 Sieve Shaker from Azalab is a precision-engineered laboratory instrument designed to deliver accurate, consistent, and repeatable particle size analysis of granular and powdered materials. Built to replicate and enhance the effectiveness of manual sieving, the unit combines circular vibratory motion with controlled mechanical tapping, ensuring superior particle separation across a wide range of sieve sizes. This dual-action mechanism significantly improves sieving efficiency compared to conventional vibration-only systems. Mechanical tapping minimizes particle agglomeration and promotes proper stratification—critical when testing fine, cohesive, or irregular materials such as clay-bearing soils, mineral powders, cement, and industrial particulates.

Key Features

- Dual-action operation: Circular vibration + mechanical tapping
- Compatible with 8″ (200 mm) and 12″ (300 mm) test sieves
- Capacity for 6 full-height or 13 half-height sieves plus pan and lid
- Digital timer (0–60 minutes) for precise and repeatable test durations
- Robust steel construction for long-term durability
- Noise-insulated housing for safer laboratory operation
- Designed for continuous and heavy-duty usage
- Suitable for a wide range of materials and industries

AZA LAB UNIVERSE

TECHNICAL SPECIFICATION

Feature	Description
Model	AZA0925
Product Type	Dual-Action Laboratory Sieve Shaker
Sieve Compatibility	8″ (200 mm) & 12″ (300 mm)
Motion Type	Circular vibration + mechanical tapping
Power Supply	220 V / 50 Hz or 110 V / 60 Hz
Timer	Digital, 0–60 minutes
Noise Level	Approx. 85 dB
Maximum Capacity	6 full-height or 13 half-height sieves + pan
Body Construction	Mild Steel / Stainless Steel
Applications	Soil, aggregates, powders, chemicals
Intended Use	Dry sieving only
Standards	ASTM, ISO, BS compliant

Standards Compliance

The AZA0925 supports testing in accordance with:

- ASTM C136 – Sieve Analysis of Fine and Coarse Aggregates
- ISO 3310 – Test Sieves and Test Sieving Methods
- BS 812 – Testing of Aggregates