



UNIVERSE SIEVE SHAKER 'GYRATORY' AZA0926

The AZA0926 Gyrotory Sieve Shaker from Azalab is a high-performance laboratory instrument engineered for accurate, repeatable dry particle size analysis of granular and powdered materials. By utilizing a combined gyratory (orbital) motion with vertical tapping, the system delivers significantly higher separation efficiency compared to conventional vibration-only sieve shakers. This advanced motion profile is particularly effective for fine, cohesive, electrostatically charged, and irregularly shaped particles, making the AZA0926 an essential solution for precision testing in civil engineering, cement, mining, pharmaceuticals, food processing, and chemical industries.



Key Features

- Combined gyratory + tapping motion for superior separation efficiency
- Highly effective for fine, sticky, or mixed particle distributions
- Minimizes sieve blinding and particle agglomeration
- Heavy-duty steel construction for continuous laboratory use
- Low-noise and low-vibration operation
- Digital timer with auto shut-off for repeatable test cycles
- Secure clamping system for stable sieve stacking
- Optional amplitude control for process optimization
- Low maintenance and long service life



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TECHNICAL SPECIFICATION

Parameter	Description
Model	AZA0926
Product Type	Gyratory Sieve Shaker (Dry Sieving)
Motion Type	Gyratory (orbital) + vertical tapping
Sieve Compatibility	200 mm (8") & 300 mm (12")
Sieve Capacity	6–8 full-height sieves + pan & lid
Motor	High-performance electric motor
Power Supply	230 V AC, 50 Hz, Single Phase
Timer	Digital with auto stop
Amplitude Control	Optional
Clamping System	Quick-release / screw type
Construction	Heavy-duty steel frame



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TECHNICAL SPECIFICATION

Parameter	Description
Noise Level	Low, laboratory-safe
Intended Use	Dry sieving only
Standards	IS, ASTM, ISO compliant
Country of Origin	Made in India

Standards Compliance

Designed to support testing in accordance with:

- IS 460 (Part 1) – Test Sieves
- IS 2720 (Part 4) – Grain Size Analysis of Soils
- ASTM E11 – Woven Wire Test Sieves
- ASTM D6913 – Particle Size Distribution of Soils
- ISO 3310-1 – Metal Wire Cloth Test Sieves

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