



UNIVERSE WET SIEVE SHAKER AZA0927

The AZA0927 Wet Sieve Shaker from Azalab is a robust and precision-engineered laboratory instrument designed for accurate particle size distribution analysis of fine-grained soils, aggregates, and cohesive materials where dry sieving is inadequate.

By combining controlled mechanical agitation with a continuous water spray system, the AZA0927 ensures complete disintegration of agglomerates and effective separation of fine particles. This makes it an essential tool for materials containing silt, clay, dust, or cohesive fines, where dry methods typically underestimate the fine fraction due to particle adhesion or electrostatic effects.

The system is widely used in geotechnical, civil, environmental, mining, ceramics, and material testing laboratories.

Key Features

- Specifically designed for wet sieving applications
- Efficient removal of fines adhering to coarse particles
- Integrated water spray system for uniform washing
- Corrosion-resistant construction for wet environments
- Controlled and consistent shaking motion
- Compatible with 200 mm (8") standard test sieves
- Secure clamping mechanism for stable operation
- Optional digital timer with auto shut-off
- Integrated drainage system for clean and efficient workflow
- Splash protection for safe laboratory operation
- Low maintenance with long operational life





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TECHNICAL SPECIFICATION

Parameter	Description
Model	AZA0927
Product Type	Wet Sieve Shaker
Sieve Compatibility	200 mm (8")
Sieve Capacity	6–8 sieves + lid & receiver pan
Motion Type	Rotary / orbital + tapping (model dependent)
Motor	Heavy-duty electric motor
Power Supply	230 V AC, 50 Hz, Single Phase
Timer	Digital with auto shut-off (optional)
Water Supply	Continuous inlet connection required
Drainage	Integrated tray with outlet hose
Construction	Corrosion-resistant materials
Safety Features	Splash guard / enclosed wet area



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TECHNICAL SPECIFICATION

Parameter	Description
Operation	Wet sieving only
Standards	IS, ASTM, ISO compliant
Country of Origin	Made in India

Standards Compliance

Designed to support testing in accordance with:

- IS 2720 (Part 4) – Grain Size Analysis of Soils (Wet Sieving)
- ASTM D6913 – Particle Size Distribution of Soils
- ASTM C117 – Materials Finer than 75 µm (No. 200) Sieve by Washing
- Relevant ISO standards for particle size analysis

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