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CENTRIFUGE EXTRACTOR (MOTORISED) AZA0945

The AZA0945 Motorised Centrifuge Extractor from Azalab is a high-performance laboratory instrument designed for the accurate and rapid determination of bitumen (binder) content in asphalt and pavement mixtures using the centrifugal extraction method.

Engineered for modern civil engineering and materials testing laboratories, the AZA0945 delivers fast, repeatable, and operator-independent results, making it ideal for routine quality control and high-throughput testing environments.

Key Functional Features

- High-Speed Motorised Operation

Rapid and efficient bitumen extraction

- Variable Speed Control Panel

Adjustable speed for different material conditions

- Stainless Steel Bowl

Durable, corrosion-resistant, and easy to clean

- Enhanced Safety System

Lid interlock and protective transparent cover

- Stable, Low-Vibration Design

Ensures consistent and reliable performance

- User-Friendly Interface

Simple controls for efficient operation





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TECHNICAL SPECIFICATION

Parameter	Specification
Model	AZA0945
Method	Centrifugal Extraction
Sample Capacity	Up to 1500 g
Bowl Material	Stainless Steel
Maximum Speed	Up to 3600 RPM
Motor	Single-phase, 230V, 50 Hz
Speed Control	Variable (control panel)
Safety Features	Lid interlock, vibration dampers
Viewing	Transparent, impact-resistant lid
Dimensions	Approx. 500 × 400 × 600 mm
Weight	Approx. 40–50 kg
Standards	ASTM D2172, AASHTO T164
Origin	India

Standards Compliance

Fully compliant with:

- ASTM D2172 – Quantitative Extraction of Bitumen from Bituminous Paving Mixtures
- AASHTO T164 – Quantitative Extraction of Asphalt Binder