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STRIPPING VALUE APPARATUS AZA0943

The AZA0943 Stripping Value Apparatus from Azalab is a precision laboratory system designed to evaluate the adhesion of bitumen-coated aggregates under water immersion conditions.

This test is essential for assessing the resistance of aggregates to stripping, a primary cause of premature pavement failure due to moisture ingress and loss of binder adhesion.

Widely used in civil engineering laboratories, road construction QA/QC facilities, research institutions, and third-party testing labs, the AZA0943 ensures reliable and standards-compliant evaluation of bitumen-aggregate bonding characteristics.

Key Functional Features

- Standardized Stripping Value Testing

Designed for bitumen-aggregate adhesion evaluation

- Thermostatically Controlled Water Bath

Temperature range up to 100°C

- Six Glass Beakers (500 ml each)

Enables parallel testing for improved efficiency

- Uniform Heating System

Ensures consistent immersion conditions





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- Durable Stainless Steel Construction (SS304)

Resistant to corrosion and chemical exposure

- Safe and Stable Operation

Anti-slip base and insulated components

- Simple and Reliable Testing Procedure

Suitable for routine laboratory use

Applications

- Highway and road construction quality control
- Bituminous mix design laboratories
- Civil engineering and infrastructure testing
- Research and academic institutions
- Third-party material testing laboratories

Standards Compliance

Fully compliant with:

- ASTM D1664 – Resistance of Bituminous Coatings to Water
- IS 6241 – Determination of Stripping Value of Road Aggregates

Ensures globally accepted, reproducible, and specification-compliant results.



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TECHNICAL SPECIFICATION

| Parameter | Specification |
|---------------------|---|
| Model | AZA0943 |
| Test Type | Bitumen adhesion / stripping evaluation |
| Number of Beakers | 6 |
| Beaker Capacity | 500 ml each |
| Water Bath | Double-walled, stainless steel |
| Temperature Control | Thermostatic, up to 100°C |
| Heating System | Electric immersion heater |
| Construction | Stainless Steel (SS304) |
| Accessories | Beakers, beaker stand, thermometer |
| Power Supply | 230V AC, 50 Hz |
| Safety Features | Overheat protection, insulated design |
| Dimensions | Approx. 600 × 350 × 300 mm |
| Weight | Approx. 20–25 kg |
| Standards | ASTM D1664, IS 6241 |