ASPHALT CONTENT TESTER AZA0967

The AZA0967 Asphalt Content Tester is an advanced laboratory system designed for the rapid and precise determination of asphalt (bitumen) content in Hot Mix Asphalt (HMA) and related mixtures using the Ignition Method (Loss on Ignition).

By replacing traditional solvent extraction techniques, the AZA0967 delivers faster results, improved accuracy, enhanced safety, and environmental compliance, making it an essential instrument for modern asphalt quality control laboratories.

Key Functional Features

- High-Temperature Furnace

Uniform and stable heating

Capable of up to 650°C

- Integrated Weighing System

Continuous real-time mass measurement

High accuracy (±0.1 g or better)

- PID Digital Temperature Control

Precise temperature regulation

Stable test conditions

- Fully Automated Test Cycle

Minimal operator intervention

Automatic end-of-test detection

- Digital User Interface

Displays:

1. Temperature
2. Weight
3. Time
4. Asphalt content

- Advanced Safety & Exhaust System

Built-in exhaust for emission control

Over-temperature protection

Safety interlocks

- Heavy-Duty Construction

Heat-resistant chamber

High-efficiency insulation for thermal stability

Standards Compliance

The AZA0967 is designed in accordance with:

- ASTM D6307 – Asphalt Content by Ignition Method
- AASHTO T308 – Asphalt Binder Content Determination
- Compatible with IRC / IS specifications

AZA LAB UNIVERSE

TECHNICAL SPECIFICATION

Parameter	Specification
Product Type	Asphalt Content Tester (Ignition Method)
Test Method	Loss on Ignition
Temperature Range	Up to 538°C / 650°C
Temperature Control	PID Digital Controller
Sample Capacity	1200 g / 1800 g
Weighing Accuracy	±0.1 g or better
Test Duration	20 – 45 minutes
Display	Digital (Temp, Weight, Time, % Asphalt)
Data Output	USB / Printer / Serial (model dependent)
Safety Features	Over-temp protection, exhaust system, interlocks
Power Supply	230V AC, 50 Hz (Single Phase)
Construction	Insulated high-temperature chamber
Compliance	ASTM D6307, AASHTO T308, IRC / IS