AZA LAB / MATERIAL TESTING EQUIPMENT

IGNITION METHOD ASPHALT BINDER CONTENT ANALYSER

AZA1185 | TECHNICAL DATASHEET



PRODUCT OVERVIEW

The AZA1185 Ignition Method Asphalt Binder Content Analyser is a laboratory instrument designed to determine asphalt binder content in paving mixtures using the ignition method. The binder is removed by controlled high-temperature heating, allowing the remaining aggregate mass to be evaluated.

Designed for asphalt mix quality-control and materials testing laboratories, the instrument combines a high-temperature furnace with weighing capability. Aggregate correction factors and the applicable test procedure must be established before reporting binder content.

TECHNICAL SPECIFICATIONS

01 / TECHNICAL PARAMETERS

Parameter	Specification
Balance weighing capacity	**10 kg**
Balance accuracy	**±0.1 g**
Maximum sample weight	**4,500 g**
Test accuracy (stated)	**0.10%**
Maximum temperature	**800°C**
Working temperature	**538°C**
Power supply voltage	**380 V**
Rated power	**8,000 W**

02 / APPLICATIONS

- Asphalt mixture binder-content determination
- Pavement materials quality control
- Road construction and research laboratories

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