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ASH DETERMINATION INSTRUMENT AZA1319

The AZA1319 Ash Determination Instrument from AZA Lab is a precision laboratory system designed for accurate determination of ash content in petroleum products in accordance with GB/T 508 and ASTM D482 test standards.

Engineered for dependable operation, temperature stability, and long service life, the AZA1319 is ideally suited for petroleum refineries, petrochemical laboratories, fuel testing facilities, and quality control departments where precise ash measurement is essential for evaluating product quality and ensuring regulatory compliance.

The instrument combines a durable box-type heating furnace, digital temperature control system, and robust electric heating plate to deliver reliable and repeatable analytical performance in demanding laboratory environments.



APPLICATIONS

- Petroleum product ash determination
- Refinery quality control laboratories
- Petrochemical testing facilities
- Fuel and lubricating oil analysis
- Research and analytical laboratories
- Regulatory compliance testing
- Industrial quality assurance laboratories



UNIVERSE TECHNICAL SPECIFICATIONS

Component	Specification
Model	AZA1319
Product Name	Ash Determination Instrument
Applicable Standards	GB/T 508, ASTM D482

BOX-TYPE HEATING FURNACE

Parameter	Specification
Power Supply	AC 220V \pm 10%, 50 Hz
Operating Temperature	775 \pm 25 °C
Temperature Rise Time (Empty Furnace)	\leq 50 minutes
Temperature Uniformity	\leq 15 °C

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UNIVERSE TEMPERATURE CONTROL STAND

Parameter	Specification
Power Supply	AC 220V \pm 10%, 50 Hz
Maximum Control Temperature	1200 °C
Controller Type	Digital LED Display

ELECTRIC HEATING PLATE

Parameter	Specification
Plate Diameter	Φ 85 mm
Power Supply	AC 220V \pm 10%, 50 Hz
Rated Temperature	400 °C
Heating Power Control	1–6 grades, continuously adjustable

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