

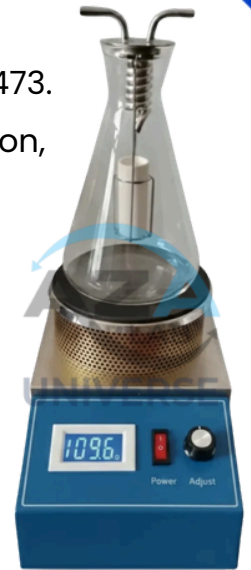


UNIVERSE

SEDIMENT EXTRACTION TESTER AZA1313

The AZA1313 Sediment Extraction Tester from AZA Lab is a precision laboratory instrument designed for accurate determination of sediment content in crude oils and fuel oils using the extraction method specified in ASTM D473. Engineered for reliability, consistency, and long-term laboratory operation, this system is ideal for petroleum refineries, inspection laboratories, fuel testing facilities, and quality control environments.

Sediment content is a critical parameter affecting storage stability, refinery processing efficiency, pipeline performance, and combustion quality of petroleum products. The AZA1313 enables precise extraction and quantification of insoluble contaminants using toluene, ensuring dependable and repeatable results across sediment concentrations ranging from 0.01% to 0.40% by mass, with capability for higher concentrations where required.



KEY FEATURES

ASTM D473 Compliant

- Fully conforms to ASTM D473 – Standard Test Method for Sediment in Crude Oils and Fuel Oils by the Extraction Method
- Suitable for quality assurance, contractual, and regulatory testing

Uniform & Stable Heating

- Electric heating system provides even and stable heat distribution
- Stepless voltage regulation allows accurate extraction control



UNIVERSE TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA1313
Test Method	ASTM D473 – Extraction Method
Rated Voltage	AC 220V \pm 10%, 50Hz
Power Output	0–700 W, Continuously Adjustable
Temperature Control	Solid-State Voltage Regulator, Stepless Adjustment
Voltage Display Range	AC 0–250V
Erlenmeyer Flask Capacity	2000 mL
Ambient Operating Temperature	10–40°C
Relative Humidity	\leq 85%