



UNIVERSE

TOTAL SEDIMENT TESTER AZA1327

The AZA1327 Total Sediment Tester from AZA Lab is a high-performance laboratory instrument designed for the precise determination of total sediment content in distillate and residual fuel oils. Developed in accordance with ASTM D4870 – Standard Test Method for Total Sediment in Residual Fuels, the AZA1327 delivers accurate, reliable, and repeatable measurements essential for fuel quality control, refinery operations, fuel stability evaluation, and laboratory research.

The system supports both thermal aging and chemical aging procedures and is capable of measuring:

- Up to 0.40% m/m sediment in distillate fuel oils containing residual components
- Up to 0.50% m/m sediment in residual fuel oils with maximum viscosity of 55 cSt at 100°C

Equipped with dual independent test stations, high-precision temperature control, accurate vacuum regulation, and a durable metal bath heating system, the AZA1327 offers efficient, safe, and standards-compliant sediment testing for demanding laboratory environments.



BENEFITS OF AZA1327

- HIGHER LABORATORY EFFICIENCY
- ACCURATE & REPEATABLE RESULTS
- IMPROVED SAFETY
- VERSATILE FUEL TESTING
- EASY OPERATION



UNIVERSE TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA1327
Product Name	Total Sediment Tester
Applicable Standard	ASTM D4870
Test Stations	Double
Display	LCD Digital Interface
Ambient Temperature Range	0 ~ 45°C
Relative Humidity	≤80%
Temperature Control Range	Ambient ~ 100°C ±0.5°C
Vacuum Pressure Range	Up to 40 KPa ±2 KPa
Power Supply	AC 220V, 50Hz
Maximum Power Consumption	2000 W
Construction	Metal Bath with Precision Heating and Corrosion-Resistant Components