



UNIVERSE

GUM CONTENT TESTER AZA1317

The AZA1317 Gum Content Tester from AZA Lab is a precision laboratory instrument designed for determining the existent gum content in aviation gasoline and motor gasoline. Existent gum testing is an essential quality control procedure used to evaluate fuel cleanliness, oxidation stability, storage performance, and combustion characteristics.

The formation of gum deposits in fuel can lead to injector fouling, valve deposits, filter blockage, and reduced engine performance. The AZA1317 provides accurate and repeatable gum content analysis, helping laboratories and refineries maintain fuel quality standards and operational reliability. Equipped with precise temperature control, efficient evaporation technology, and multi-sample testing capability, the AZA1317 is ideal for petroleum laboratories, fuel testing facilities, refineries, inspection agencies, and quality control departments.



APPLICATIONS

- Aviation gasoline quality testing
- Motor gasoline cleanliness evaluation
- Fuel oxidation stability assessment
- Refinery and fuel terminal quality control
- Petroleum testing laboratories
- Regulatory inspection and certification laboratories
- Fuel storage stability analysis



UNIVERSE TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA1317
Test Type	Existent Gum Content
Power Supply	AC 220 V \pm 10%, 50 Hz
Power Consumption	3500 W
Evaporation Bath Size	\varnothing 260 mm \times 130 mm
Sample Positions	5
Sample Position Size	\varnothing 51 mm \times 70 mm
Working Temperature	160 – 165 °C
Temperature Control	Automatic
Temperature Display	Digital
Flow Rate Display	Float Ball Type
Reducing Valve Pressure	0.07 MPa
Air Flow Rate (Jet Outlet)	600 mL/s per Hole
Overall Dimensions (L \times W \times H)	590 \times 480 \times 340 mm
Application Limitation	Not Suitable for Aviation Turbine Fuel