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SEMI-MANUAL DISTILLATION ANALYZER AZA1286

The AZA1286 Semi-Manual Distillation Analyzer from AZA Lab is a reliable and precision-engineered instrument designed for accurate atmospheric distillation testing of petroleum products in accordance with ASTM D86 requirements. Combining the operational simplicity of manual control with the accuracy of digital monitoring, the AZA1286 provides an efficient and cost-effective solution for laboratories requiring dependable routine distillation analysis without the complexity of fully automated systems.

Engineered for educational institutions, quality control laboratories, refinery support facilities, fuel distribution terminals, and research centers, the analyzer enables precise determination of fuel boiling characteristics while maintaining operator flexibility and process visibility throughout the test cycle.

Applications

The AZA1286 is suitable for:

- Petroleum product quality control laboratories
- Fuel blending and distribution facilities
- Educational and training institutions
- Research and development laboratories
- Regulatory and compliance testing centers
- Routine refinery fuel analysis





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Technical Specifications

Parameter	Specification
Model	AZA1286
Compliance Standard	ASTM D86 (Groups 0–4)
Operation Mode	Semi-Manual
Temperature Range	Ambient to 400 °C
Temperature Accuracy	±0.2 °C
Receiver Capacity	100 mL graduated glass receiver
Heating Control	Manual with digital feedback
Cooling System	Integrated glass condenser
User Interface	Digital temperature display & timer
Safety Features	Overheat alarm, insulated hot zones
Applicable Samples	Gasoline, diesel, kerosene, jet fuel, naphtha
Power Supply	230 V AC, 50 Hz
Dimensions (L × W × H)	55 × 40 × 60 cm
Installation Type	Benchtop