



**UNIVERSE**

## **COPPER STRIP CORROSION TESTER AZA1323**

The AZA1323 Copper Strip Corrosion Tester from AZA Lab is a high-precision laboratory instrument designed to evaluate the corrosive effects of petroleum products on copper surfaces. Copper strip corrosion testing is an essential quality control procedure used to determine the corrosiveness, stability, and suitability of fuels and lubricants used in engines, turbines, storage systems, and fuel handling equipment. The AZA1323 provides accurate, repeatable, and standards-compliant testing for aviation fuels, gasoline, diesel, kerosene, solvents, and lubricating oils. Designed for continuous laboratory operation, the system combines precise digital temperature control, automatic timing, uniform heating, and multi-sample capability to ensure dependable corrosion evaluation in refinery laboratories, fuel testing facilities, inspection agencies, and research institutions.



### **APPLICATIONS**

- Aviation gasoline testing
- Jet fuel corrosion analysis
- Automotive gasoline quality control
- Diesel fuel testing
- Kerosene evaluation
- Industrial solvent analysis
- Lubricating oil corrosion assessment
- Petroleum refinery laboratories
- Inspection and regulatory agencies
- Research and development laboratories



## UNIVERSE TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA1323
Product Name	Copper Strip Corrosion Tester
Test Method	Copper Strip Corrosion Test
Standards Compliance	ASTM D130, ISO 2160, IP 154
Power Supply	AC (220 ±10%) V, 50 Hz
Total Power Consumption	≤ 1800 W
Temperature Range	Ambient to 100 °C, Adjustable
Temperature Sensor	RTD, PT100
Time Control Range	1 Minute to 24 Hours
Sample Positions	4 Independent Positions
Sample Capacity	4–12 Test Tubes or Corrosion Bombs
Ambient Operating Temperature	15 °C to 35 °C
Relative Humidity	≤ 85%
Dimensions (L × W × H)	440 × 330 × 560 mm
Net Weight	16 kg