SEMI-AUTOMATED CLEVELAND OPEN CUP FLASH POINT ANALYZER AZA1289

The AZA1289 Semi-Automated Cleveland Open Cup Flash Point Analyzer from AZA Lab is a precision-engineered petroleum testing instrument designed for accurate and repeatable determination of flash and fire points of petroleum products, lubricants, oils, fuels, and other combustible liquids.Designed in full compliance with ASTM D92 and ISO 2592 standards, the AZA1289 combines intelligent semi-automation, advanced digital monitoring, and robust laboratory safety systems to deliver reliable flash point testing performance while maintaining operator flexibility and cost efficiency.

Applications

- Proven ASTM D92 and ISO 2592 compliant performance
- Improved accuracy compared to manual COC testers
- Reduced operator error with semi-automation
- Touchscreen-controlled intelligent operation
- Rapid heating and cooldown capabilities
- Flexible gas or electric ignition system
- Unknown sample search mode for enhanced usability
- Automatic pressure correction for improved precision
- Durable industrial-grade laboratory construction
- Compact benchtop footprint with low maintenance requirements

Technical Specifications

Parameter	Specification
Model	AZA1289
Test Method	Cleveland Open Cup (ASTM D92, ISO 2592)
Flash Point Range	Ambient to 400 °C
Fire Point Detection	Yes
Sample Cup Capacity	75 mL
Heating Rate	Programmable, ASTM D92 compliant
Heating Modes	Standard, Rapid, User-defined
User-defined Heating Range	1–20 °C/min
Heater Type	1000 W Coil Heater (230 V)
Ignition Source	Automatic Gas or Electric Igniter
Flash Detection	Ionization Ring Detection
Temperature Measurement	Digital PT100 Class A Sensors
Sample Temperature Range	0–400 °C
Bath Temperature Range	0–500 °C