

Automatic Open Cup Flash Point Tester

This automatic flash point tester is suitable for GB/T 3536 and ASTM D92 standards. It automates the process of heating a sample and applying a test flame until a flash occurs, providing reliable data for quality control and safety.



Overview

Precision Flash Point Analysis

The FDT-0195 Automatic Open Cup Flash Point Tester is a high-precision instrument designed for the accurate determination of flash points in petroleum products. It automates the entire testing process, from heating the sample to applying the test flame and recording results, ensuring consistent and repeatable data. With an embedded Android operating system and intuitive touch-screen interface, it offers laboratory-grade efficiency and reliable safety monitoring for quality control applications.

Technical Specifications

Test Precision

8

Repeatability

17

Reproducibility

Measuring Range	400
Display Accuracy	0.1
Cooling Method	Forced air cooling

Operational Features

Safety & Diagnostics

- Self-diagnosis and error warning
- Overheat protection
- Automatic fire alarm function

Ignition Methods	Electronic Igniter, Gas Igniter
Connectivity	RS-232, USB, Bluetooth, LAN, LIMS Compatible

Power & Environment

Power Requirements

Parameter	Value
Voltage	AC 220V, 50Hz
Total Power	1500W
Heating Power	1300W

Operating Environment

40

Max Ambient Temp

90 %

Max Humidity