

Product Name :
Abels Flash Point Apparatus**Product Code :**
Fuel Testing0007**Description :**

Abels Flash Point Apparatus

Technical Specification :

The automated Abel flash point tester is used primarily to test flammable and combustible materials for shipping and safety regulations.

The flash tester provides an increased temperature range of operation as compared with other testers, allowing greater flexibility in testing samples according to the Abel test method.

The unit provides a test range to 110°C and can be extended to -30°C by any appropriate external chiller.

The flash point tests are simply conducted by mounting the flash cup filled with sample into the test position and selecting a pre- or user-programmed test method.

Automation routines provide accurate test results.

A quick search method is available to determine the flash point of unknown samples.

The dual detection system (thermal and ionization) allows for testing all types of products.

Gas flame ignition with safety cut-off device.

Electric ignition also available.

Test results are automatically corrected to standard pressure (101.3 kPa).

Supervisor software is included.

Test Method

For flash point determination of petroleum products and other liquids having flash points between -30°C and 110°C.

The system is equipped with a differential Pt-100 RTD probe designed to duplicate the response time of a mercury-in-glass thermometer and with multiple sensors that continually monitor instrument function, displaying an error message if a problem is detected.

Automatic Abel Flash Point Tester :

Conforms to IP 170 and related specifications

Simple automation routine for easy operation

Data Storage 200 results

Automatic gas cut-off at the end of the test

Optional cryostat required for samples having a FP below 40°C

Quick Access to calibration parameters

Auto Diagnostic

Optional low gas cartridge to work in all types of environments

Specifications:

Conforms to the specifications of: IP 170; ISO 13016; NF T 66-009; DIN 51755

Electrical Requirements: 115V 50/60Hz, Single Phase , 230V 50/60Hz, Single Phase

 **LAB ENGINEERING**

Elab Engineering Equipments Manufacturers