

Product Name :
Astra Scientific Abels Flash Point Apparatus

Product Code :
FuelTesting0003



Description :

Astra Scientific Abels Flash Point Apparatus

Technical Specification :

Standard: IP 33/59 & IS 1448 P :20

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). 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. 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.

Automatic Abel Flash Point Tester

- . Conforms to IP 170 and related specifications
- . Simple automation routine for easy operation
- . Data Storage 200 results
- . Quick Access to calibration parameters
- . Auto Diagnostic
- . Optional low gas cartridge to work in all types of environments
- . Automatic gas cut-off at the end of the test
- . Optional cryostat required for samples having a FP below 40°C

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



Astra Scientific

www.astrascientific.com, Email: info@astrascientific.com

Address: K-88, 20th Street, Annanagar, Chennai, India – 600040 **Phone:** +91-8860605265