

Flash Point by Automatic Tag Closed Cup Tester

test method

For the determination of the flash point of liquids with a viscosity below 5.5 mm²/s (cSt) at 40°C (104°F), or below 9.5 mm²/s (cSt) at 25°C (77°F), and a flash point below 93°C (200°F). The specimen is placed in the cup of the tester and, with the lid closed, heated at a slow constant rate. An ignition source is directed into the cup at regular intervals. The flash point is taken as the lowest temperature at which application of the ignition source causes the vapor above the specimen to ignite.

automatic tag closed cup flash point tester

- Conforms to ASTM D56 and related specifications
- Simple automation routine for easy operation
- Dual flash point detection system: Thermal and Ionization detection.
- Gas or Electric Ignition
- Quick access to calibration parameters
- Automatic gas cut off at the end of the test

specifications

Conforms to the specifications of:

ASTM D56; IP304

Temperature Range: -30°C to 110°C

Temperature Accuracy: ±0.1°C

(Sub-Ambient Testing requires the use of an external cooling source)

Ambient Operating Range: 15°C to 30°C

Data Storage: 200 results

Maximum Gas Pressure: 50 mBar

Electrical Requirements

115V 60Hz

230V 50/60Hz

Dimensions l x h x d, in.(cm)

10.63x21.65x21.65 (27x55x55)

Net Weight: 44.1 lb (20kg)



K87700 Automatic Tag Closed Cup Flash Point Tester,

Included Accessories

Ticket Printer

Test Cup

Cover Assembly

Glass PT100 Temperature Probe

Detection Cable

Insulated Tubing for Connection to External Chiller

Data Acquisition Software

RS232C Output

ordering information

catalog no. description

K87700 Automatic Tag Closed Cup Flash Point Tester
115V 60Hz

K87790 Automatic Tag Closed Cup Flash Point Tester
230V 50Hz



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