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

K87700 Automatic Tag Closed Cup Flash Point Tester,

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 lxhxd,in.(cm)
10.63x21.65x21.65 (27x55x55)
Net Weight: 44.1 lb (20kg)

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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