



FLASH & FIRE POINT APPARATUS

Flash & Fire point apparatus are used to determine the temperature at/above which any liquid may/will catch fire on exposure to any kind of flame or arc. These find application in all units manufacturing any kind of liquid like chemicals, detergents, solvents, food products, petroleum products, edible oils, medicines, fertilizers, pesticides, etc., To determine the safe limit of storage/usage of there product(S).

'CI' ABBEL FLASH POINT APPARATUS

Confirms to IP170,IP33,IP113,BS2000 P-170, P-33, P113, ISO DIS 13736

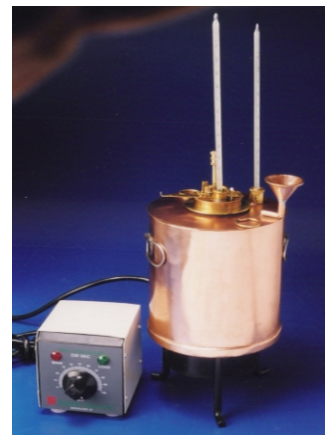
This apparatus is used for determination of flash points of samples, whose flash points are below +49°C. Complete with sample cup, gas test jet, manual stirrer and water jacket heated by an electrical heater with energy regulator / Voltage variac control.

Models:

- 11012-00** Basic with Energy regulator control attachment
- 11012-01** Basic with Voltage Variacr control attachment
- 11012-02** Basic with Programmable Digital control attachment
- 11012-03** Refrigerated Abbel Flash Point Apparatus

Optionals:

- 15001-00** Water Bath Test Thermometer
- 15002-00** Sample Test Thermometer
- 11012-04** Reducing socket with regulator,
- 11012-05** Spare cup with shutter
- 11012-06** Multi step multi program controller
- 12029-00** Refrigerated Constant Temp. Bath circulator



11012- 00



11012- 01



11010- 01



11010- 02

'CI' CLEVELAND OPEN CUP FLASH POINT APPARATUS

Confirms to IS:1448, ASTMD92, IP-36, IP-403, BS2000 P-403, BS4689, DIN51 376, ISO 2592.

For liquids having high flash points above 49°C upto 400°C under open test conditions. Complete with brass sample cup, gas test jet, electrical heating system with control

Models:

- 11010-01** Basic with Energy regulator control
- 11010-02** Basic with Voltage Variac control
- 11010-03** Basic with Programmable Digital control
- 11010-04** Fully Automatic system with flash point detection.

Optionals:

- 15025-00** Test Thermometer
- 11010-05** Reducing socket with regulator,
- 11010-06** Precision reducing socket
- 11010-07** Spare cup
- 11010-08** Spare Heater

'CI' PENSKY CLOSED CUP FLASH POINT APPARATUS



11011- 03

Semi- Automatic Model



11011- 02

Manual With Voltage Variac control and fixed speed stirrer

Confirms to IS:1448, ASTM D93,D3934,D3941,IP304,404,BS3900,6664,ISO-1516,1523,2719, DIN51 758.

For liquids having high flash points above 49°C upto 400°C under closed test conditions. Complete with sample cup, gas test jet, electrical heating system and control

Models:

11011-00 Manual system with energy regulator control

11011-01 Manual system with Voltage variac control and fixed speed motorised stirrer

11011-02 Semi-automatic with variable speed motorised stirrer, Digital programmable Auto control of temperature, motorised electrical flashing mechanism

11011-03 Automatic systems with auto flash point detection and recordings.**

Optionals:

15005-00 Test Thermometer

11011-04 Reducing socket with regulator,

11011-05 Precise regulator with socket

11011-06 Spare cup

11011-07 Spare Heater

11011-08 Variable speed stirrer

11011-09 Stirrer Speed Indicator

11011-10 Multi step multi program controller

11011-11 Open clip

11011-12 Cup lid with shutter mechanism

Due to continuous developments designs and specifications subject to change without prior Notice.

**UNDER DEVELOPMENT



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