

ABEL FLASH POINT TESTER (AFP 1)

**DETERMINE THE FLAMMABLE AND COMBUSTIBLE PROPERTIES OF SAMPLES
WITH A FLASH POINT BETWEEN -18°C AND 71°C**

The AFP offers fully-automatic, temperature-controlled flash point determination of solvents, kerosene and chemicals. It is designed with an ionization detector, an automated shutter system and electric ignitors.

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Compact and Automatic

A compact and automatic closed cup flash point tester that complies with various EN, IP and ISO test methods



Technical Specifications

MEASURING PARAMETERS

- Temperature: °C/°F
- Measuring Range:-50°C to +100°C
- Resolution: 0.06°C
- Accuracy: ±0.1°C
- Repeatability/Reproducibility: as per standard methods or better
- PT100, Class A
- Dimensions: 31 x 47 x 52 cm (WxDxH)
- Weight: 27 kg
- Power: 220V + 15% / 50 to 60 Hz (or) 115V + 15% / 60 Hz

Features

- Integrated Touchscreen Panel PC: 8.4-inch, TFT/LCD, high-resolution display
- Shutter Mechanism: Automatic system opens and closes the shutter; complies with all methods and specifications
- User-Friendly Software Interface: automated, temperature-controlled testing
- Storage Capacity: Users can store data files in an Excel-compatible format

HEATING

- Electrical heater
- Equipped with thermal cut-off system

TEST CUP

- Brass cup
- High temperature resistant handle

MEASURING DEVICES

- Dual ignition system
- Ionization detector
- Electrical system or flame detection device

Test Standards

EN AND IP METHODS

- **EN 924:** Solvent-borne and solvent-free adhesives: Determination of flash point
- **IP 170:** Determination of flash point - Abel closed-cut method
- **IP491:** Determination of flash/no flash - Closed-cup equilibrium method
- **IP 492:** Determination of flash point - Closed-cup equilibrium method

ISO METHODS

- **ISO 1516:** Determination of flash/no flash - Closed-cup equilibrium method
- **ISO 3679:** Determination of flash/no flash point - Rapid equilibrium closed-cup method
- **ISO 13736:** Determination of flash point - Abel closed-cup method

Questions?

Our experienced and knowledgeable staff can help you.

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