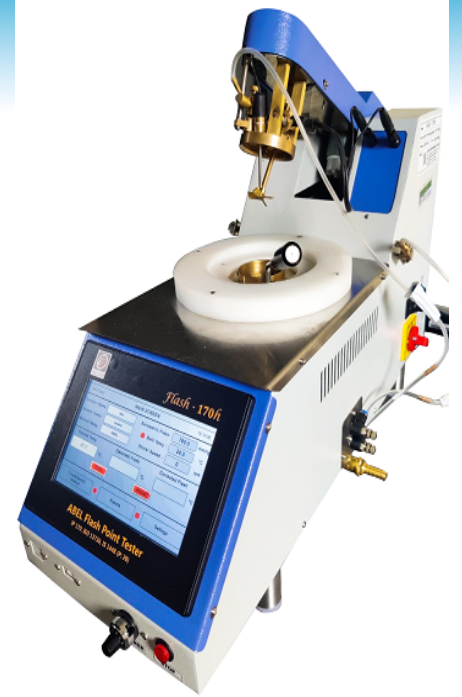




Acute

## Flash-170h

# Automated ABEL FLASH POINT ANALYZER



### SPECIFICATIONS

**Model:** Flash-170h      **Methods:** IP 170, ISO 13736 & IS1448 (P:20)

**User Interface:** User Friendly S/W with Methods & Result Storing; Standalone with HMI (7" Touch Screen Display) RS232, Ethernet and USB Port  
**Error :** Flash at First dip/Flash Out of Range/Stirrer Fault/Igniter Fault/High Temperature

### SYSTEM

- Initialization :** --Stirrer, Igniter & Igniter mechanism checked during Initialization
- Cooling/Heating:** --In-out ports for external coolant circulation / Peltier Cooling / Band Heater@300 watts
- Heat rate:** --Automatic Heat rate control from 0.5 to 5 Deg C
- Stirring:** --Speed Control by precise Potentiometer from 0 to 60 rpm
- Ignition:** --Electric / Gas Igniter interchangeable  
Electric Igniter - 4 step brightness ; Gas Igniter - Precise control for pilot flame & gas igniter
- Test:** --Auto test during specified range / manual test with single push button (stirring & heating stops with electric igniter lightning, dipping and resume; if Flash detects, cooling signal gets ON External Chiller)
- Lid assembly:** --Permanently fixed sample cup lid, Stirrer, sample temperature sensor, Flash Detector and Igniter for easy operation.

### MEASUREMENT:

- Sample Temperature :** Class A PT 100 , Range From -30 to 110 Deg C
- Bath Temperature:** Class A PT 100, Range From -40 to 120 Deg C
- Flash Detection :** Thermal Sensor with Flash and Buzzer ( -30 to 110 Deg C)
- RPM:** Optical Sensor    **Igniter Monitoring :** Optical Sensor & Current Sensor
- Barometer:** Manually enter , Auto Corrected
- Fire Safety :** Fire Sensor and Auto Fire Extinguisher
- Main Unit:**                    W:220 mm    D: 500 mm    H: 320mm    Wt: 17 Kg
- Power Supply:**            230 Volts 50 Hz 600 Watts

Manufactured by :



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