



EIE

Automatic Abel Flash Point Tester

EIE-FP170-3



- IP170, ISO 13736, GB/T 21789
- Touchless magnetic sample stirrer
- 2 million fatigue test of lid open/close
- One button runs the testing, easy operation
- High sensitivity fire detecting and safety monitoring system
- Sample-preparing cooling bath and in-test cooling bath



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EIE-FP170-3 Automatic Abel flash point tester offers compact design and simple operation. It improves the automation of the flash point tester to the maximum extent, which can guarantee the measurement precision and minimize the adverse influences from the operation's negligence or mistake.

This instrument can be widely used in petroleum, aviation and research department or industries.





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Multiple safety methods include:  
When test finishes, buzzer will go off to remind the user.

Igniter flames detecting, anti-wind shroud and automatic re-igniting system

Built-in automatic extinguisher system



Touchless magnetic sample stirrer greatly simplifies the connection and extends the component life



Unique cooling bath design



2 million times fatigue test of open/close of the lid



**EIE**

Automatic Abel Flash Point Tester

**EIE-FP170-3****SPECIFICATIONS****Standards**

IP 170, ISO 13736, GB/T 21789

**Features**

<b>Method</b>	Abel closed cup
<b>Ignition Type</b>	Automatic gas or electric ignition with gas flame monitoring
<b>Heating system</b>	Heater bar
<b>Temperature Measurement</b>	Pt 100 probe class A
<b>Measurement Range</b>	-30°C to 70°C
<b>Temperature resolution</b>	0.1°C
<b>Measurement Accuracy</b>	+/-0.5°C
<b>Stirrer</b>	Touchless automatic stirring, speed adjustable
<b>Barometric Pressure Correction</b>	Built-in sensor, automatic
<b>Flash Detection</b>	Thermal
<b>Display</b>	7-in color LCD touch screen
<b>Data Capacity</b>	Store more than 400 results
<b>Printer</b>	Built-in thermal printer with auto/manual option
<b>Data Access</b>	To LIMS via RS232, USB, Wifi

**Operation**

<b>Voltage</b>	AC 110 - 230V +/-10% 50-60 Hz
<b>Cooling Method</b>	External cold liquid bath
<b>Post test cooling</b>	less than 5 minutes
<b>Power Usage</b>	<700W

**Safety**

<b>Fire Detection</b>	High sensitivity flame ion detector
<b>Fire Extinguisher</b>	Built-in Fire extinguisher system
<b>Lid open/close testing</b>	fatigue test: more than 2 million times
<b>Ignition monitor</b>	flames detecting and anti-wind shroud and automatic re-igniting

**Operating Environment**

<b>Operating temperature</b>	5 to 35° C (50 to 104° F)
<b>Storage Temperature</b>	-15 °C to 55°C
<b>Relative Humidity</b>	not more that 80% at 35°C
<b>Working Place</b>	indoor

**Product Size**

<b>Dimensions (mm)</b>	453L x230W x 375H
<b>Weight (Kg)</b>	24