



## FPT-93

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| Cup Flash Point

☰ Details Info

### Features:

This instrument is designed according the standards GB/T261-2008 Test Method for Flash Point of Petroleum Products by the Pensky-Martens Closed Cup Method and ASTM D93. ASTM D56、D3278、D3934、D3941;TAG test methods. What its function is to determine the closed cup flash point of petroleum products, which is expressed as the lowest temperature when a sample is heated in a closed cup under the stipulated condition until the mixture of its vapor and air contacts flame and appears flash.

### Main technical features

1. It adopts LCD screen to display, Full English man-machine dialog interface. It can preset the parameters of expected flash point, sample mark number, atmospheric pressure, test date, etc. It has menu to prompt and input function of guide type.

2. It adopts simulation tracking display the function curve of temperature rising and test time. It has prompt functions of English mis-operation, test date and test time. It is equipped with standard RS-323,485 computer port. The lower computer can save 100 groups of historical data. The test data can be saved for a long time, transmitted and modified if the instrument being connected with computer.
4. It can correct the influence of atmospheric pressure and calculate the correction automatically.
5. Differential detection. Automatically correct the systematic deviation.
6. Automatically open the lid, ignite, detect and print test data. The test arm lifting up and down automatically.
7. It adopts electric ignition to fire light the gas flame. It will light only need to press the button.
8. Humanized design, beautiful and safe, Easy to operate.

#### Main technical specifications and parameters

Power supply	AC(220±10%)V, 50Hz
Temperature measurement: Range	room temperature~300°C
Repeatability	≤2°C
Reproducibility	≤6°C
Accuracy	0.1°C
Temperature rising rate	Procedure A:(5~8)°C/min
Procedure B	(1~1.5)°C/min
Automatic control and manually adjustable	
Stirring speed	(1)(90~120)RPM, suitable to Procedure A (2) (250±10)RPM,suitable to Procedure B
Igniting mode	Electric ignition,gas flame
Working condition	ambient temperature:(10~40)°C
Total power consumption	≤ 500W
Overall dimension	520mm×360mm×310mm



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