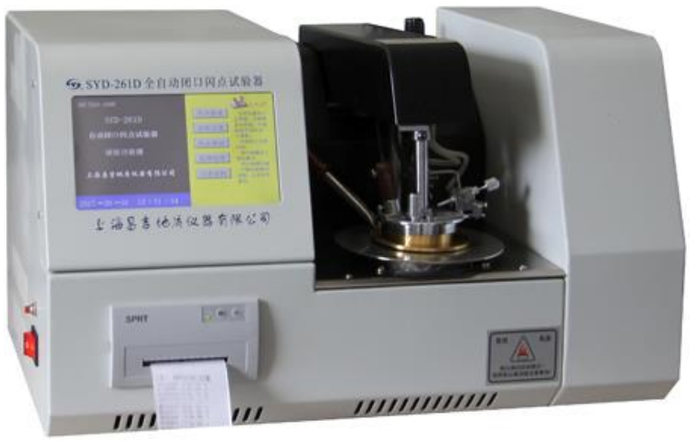
SYD-261D Fully-automatic Pensky-Martens Closed-Cup Flash Point Tester



Summary

This instrument is designed and manufactured as per standards GB/T 261-2008 Determination of Flash Point – Pensky-Martens closed cup method and ASTM D93 Standard Test Method for Flash Point by Pensky-Martens Closed Cup Tester. It is used to make a determination of the closed cup flash point of the petroleum products.

II. Main technical features

1. It adopts LCD screen to display. Full English man-machine dialog interface. It can present the parameters of an expected flash point, sample mark number, atmospheric pressure, test date, etc. It has a 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 misoperation, test date and test time.
3. It is equipped with a 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 is connected to a 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.

II. Main technical specifications

1. Power supply：AC(220±10%)V，50Hz
2. Flash point determination：Range: Ambient to 300℃
   Repeatability：≤3℃
   Reproducibility：≤6℃
   Accuracy：0.1℃
3. Heating rate：Procedure A: (5～6)℃/min, Procedure B: (1～1.6)℃/min
   Automatic control and manually adjustable.
4. Stirring rate：Procedure A: (90～120)RPM, Procedure B: (250±10)RPM
   Automatic control and manually adjustable.
5. Igniting mode：Electric ignition. Gas flame diameter:3.2mm～4.8mm
6. Working condition： Ambient temperature：(10～40)℃
   Relative humidity：≤80%
7. Maximum power consumption： 500W
8. Dimension：520mm×360mm×310mm