SYD-261-1 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 Methods for Flash Point by Pensky-Martens Closed Cup Tester.* It is used to make determination of the closed cup flash point of the petroleum products.

I. Main technical features

1. Single chip microcomputer control technique.LCD screen displays.English man-machine interaction interface.The heating power is continuously step-less adjustable.The rate of heating up is exact.Easy setting for parameters.

2. The LCD screen has prompting menu,prompting input operation interface.It shows the setted parameters,real-time temperatures and other test parameters.Press the "record"button when the flash point appears.The screen will show and reserve the flash point.

3. The structure is newly design and small.Stainless steel table-board looks clean and beautiful.It can be used as long as equipped with gas or other civilian fuels.It is easy to use and test results exact.

II. Main technical specifications

1. Power supply   AC(220±10%)V, 50Hz.

2. Total power consumption   650W;

3. Heating device   (1) The furnace is silicon carbide material. Power is 600W.

   (2) The heating power is adjustable from 0 W to 600W.

4. Heating rate   Procedure A: (5   6)℃∕min, Procedure B:(1   1.5)℃∕min.

5. Stirring device   (1)Stirring motor: BYGH101 stepping motor

   (2) Driving mode: flexible shaft

   (3) Shaft size: 8mm×40mm

6. Stirring rate   Procedure A: (90   120)RPM, Procedure B: (250±10)RPM

7. Stand oil cup   (1)Internal diameter：50.7mm～50.8mm

   (2) Depth: 55.7mm   56.0mm

   (3) Marking depth of oil testing capacity: 33.9mm～34.3mm;

   (4) Oil test capacity: about 70ml;

8. Igniting device   (1) Igniting source: gas   or other civilian fuels   the same below

9. Suitable environment

Ambient temperature （15～35）℃

Relative humidity：≤85%

10. Dimension：340mm×330mm×380mm

11. Net weight：9kg.