WIRSAMTEST SYD-261A　Automatic Pensky-Martin Closed Cup Flash Point

Purpose:

The instrument is designed and made as per Standard "Test Methods for Flash Point of Petroleum Products (Closed Cup Method)". It is suitable to determine the lowest temperature that the mixture of petroleum products vapor and air contacts fire and flashes when heating petroleum product in a closed cup under stipulated condition. The temperature is closed cup flash point.

Main characteristics:

1. Simulate and track to indicate temperature against test time function curve.
2. Having prompt function to modify wrong operation.
3. Having prompt function for test date and time.
4. Automatically calibrate the effect of atmosphere pressure to the test and calculate correction value.
5. Differential detection, and modify system deviation automatically.
6. Can open cover, ignite, detect, and print data automatically.
7. The test arm will up and down automatically.
8. Ignited by electronic. Force wind cooling.

Main technical specification and parameters

1. Power supply: AC 220 V±10%, 50 Hz
2. Temperature measurement:

(1) Full scale: 0 ~ 250 ℃

(2) Flash point ≤ 104 ℃: error 2 ℃

(3) Flash point > 104 ℃: error 6 ℃

(4) Resolution: 0.1 ℃

(5) Precision: 0.5%

3. Basic parameters

(1) Temperature rising speed: as per standard GB/T261

(2) Ignition mode: by electronics (fire length is 3 ~ 4 mm)

4. Ambient temperature: 10 ~ 40 ℃

5. Relative humidity: ≤ 80%

6. Total power consumption: not more than 300 W