

SYD-3069 Naphthalene Crystallization Point Tester



Summary

The instrument is designed and made as per national standard of People's Republic of China GB/T3069.2 Standard Test method for the crystallization temperature of naphthalene. It is used to determine the crystallization point of refined naphthalene which obtained via washing and rectification of naphthalene containing a fraction of high-temperature coal tar and the crystallization point of crude naphthalene.

I. Main technical features

1. This instrument is composed of a bath and a controller. Desktop structure. Simple design. Easy to operate.
2. Automatically electromagnetic stirring. Stirring frequency can be adjusted at will.
Two samples can be stirred at a time.
3. It equips two sets of test vessels. It can do determination for two samples at a time. High efficiency.

II. Main technical specifications

1. Power supply: AC220 \pm 10%, 50Hz
2. Heating device: Electric heating power 600W
3. Temperature control range: Ambient to 100 $^{\circ}$ C
4. Temperature control accuracy: \pm 1 $^{\circ}$ C
5. Stirring motor: Power 6W, rotation speed 1200RPM
6. Vibrometer: Electric vibration amplitude 100mm, frequency (60~70) times/min
7. Ambient temperature: Room temperature~35 $^{\circ}$ C
8. Relative humidity: \leq 85%