

SYD-2806E Asphalt Softening Point Tester



Summary

The instrument is designed and made as per the national standard of People's Republic of China GB/T4507 Standard Test Method for Softening Point of Asphalt and T0606 Asphalt Softening Point Test (Ring and Ball Methods) in the industrial standard of People's Republic of China JTG E20-2011 Standard Test Methods for Bitumen and Bituminous Mixtures for Highway Engineering. It is suitable to determine the softening point of asphalt, tar, liquid asphalt and other types of asphalt. It is the best choice of asphalt manufacturers, highway and bridge construction companies, college and universities, and research and development departments.

It adopts microcomputer control technology, linear heating, and automatic stirring working mode, it can determine two samples at a time and can show test result automatically. It is convenient, efficient, and reliable. It is the desired instrument for the laboratory to determine the softening point of asphalt.

I. Main technical specifications

1. Power supply: AC 220V (-5% ~ 10%), 50 Hz
2. Measurement range: 5.0 °C ~ 90±0.5 °C; or 5.0 °C ~ 75±0.5 °C (You should use low-temperature water for measurement at 5.0 °C ~ ambient temperature)
3. Temperature resolution: 0.01 °C
4. Stirrer: Its speed can be continuously adjusted
5. Heating rate: It will be 5.0±0.5 °C/min after 3 minutes in the measurement state
6. Heating power: 800 W;
7. Capacity of beaker: 1000 ml
8. Environment: The working temperature should be lower than 35 °C and keep stable and without air convection
9. Relative humidity: ≤ 85%
10. Maximum power consumption: 850 W