

HZNQ-1101Z

Automatic Pour Point and Freezing Point Tester



Dear user:

Thank you for choosing HZNQ-1101Z Automatic Pour Point and Freezing Point Tester.

We hope that this instrument can make your work easier and more enjoyable, so that you can get the feeling of office automation in the test and analysis work.

Before using the instrument, please read this manual, and operate and maintain the instrument according to the manual to prolong its service life. "Just a light press, the test will be completed automatically" is the operating characteristics of this instrument.

If you are satisfied with this instrument, please tell your colleagues; if you are not satisfied with this instrument, please call (0312) 6775656 to tell you to serve you at all times-Baoding Huazheng Electric Manufacturing Co., Ltd., our company will definitely make you satisfied !

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I. Technical Parameters

1. Test standard: GB/T 3535, IGB/T 510, SO3016, ASTM D97
2. Test bath: 1
3. Cooling method: compressor refrigeration
4. Test range: -68~45℃
5. Temperature control range of cold bath: -70~30℃
6. Temperature control accuracy: $\pm 0.1^{\circ}\text{C}$
7. Repeatability: $\leq 1^{\circ}\text{C}$
8. Reproducibility: $\leq 2^{\circ}\text{C}$
9. Display: 10.4" color LCD, 1024X768
10. Power supply: AC220V, 50Hz
11. Power: 2000W
12. Dimensions: (L) 540X (W) 580 X (H) 600mm
13. Weight: 45Kg

II. Main Features

The design, manufacture and inspection of the automatic pour point tester comply with GB/T 3535, IGB/T 510, ISO 3016, ASTM D97. It is suitable for determining the pour point of most petroleum products (fuel oil, lubricating oil, etc.). The automatic pour point tester is the measurement of a single test bath, the operator can control the instrument through keyboard, touch screen or mouse operation, the whole process is automatic, and the flow of the oil sample can be observed during the whole test process.

- Integrate the compressor, the bath temperature range can be from -70°C to 30°C ;
- The lifting mechanism adopts digital stepping drive, which has stable operation and large torque, which makes the instrument more stable and reliable.
- Completely meet the requirements of GB/T 3535, the whole test process is intuitive and transparent, and can be tested according to ASTM D97, which is more scientific and accurate;
- The test interval can be set by the user according to the situation, the setting

range is 1~3°C, which is more user-friendly;

- The instrument has the functions of automatic cooling, automatic tilt test, automatic temperature control, etc.;
- The test bath has an automatic preheating function, and the user can set whether to preheat, the preheating time and the preheating temperature;
- Users can set the start detection temperature, detection frequency, detection times and alarm temperature according to their needs;
- The instrument has bath temperature correction and powerful data storage and query function. The instrument can store thousands of test results and can query the test results. ;
- The instrument has USB, USB printing interface, optional with Wifi.