

HZ-2122C Coulometric Karl Fischer Titrator



Dear user:

Thank you for choosing HZ-2122C Coulometric Karl Fischer Titrator.

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.Overview

The instrument is designed and made as per national standard of China GB/T 7600 Standard Test Method for Water Content of Transformer Oil in Service (Coulometric Method), industrial standard of China SH/T0246 Standard Test Method for Water Content of Light Oils (Coulometry). ASTM D1533 Standard Test Method for Water in Insulating Liquids by Coulometric Karl Fischer Titration and ASTM D6304 Standard Test Method for Determination of Water in Petroleum Products,Lubricating Oils and Additives by Karl Fischer Titration. It is used to determine water content in the liquid petroleum products.

The instrument adopts microcomputer control technology, with the characteristics of fast analysis speed, high precision, LCD display, automatic printing, menu selection and other functions; It is a fully functional, easy to operate, automatic measuring and analyzing instrument.

II.Main technical features

1. It can be used for micro analysis of low content samples with high sensitivity.
- 2.The imported 0.5ul injector for calibration is equipped, and the calibration of the instrument is fast and accurate.
- 3.It can store 20000 experimental results, easy to query.
- 4.The unique alternating balance isolation detection technology makes the balance detection more rapid, accurate and stable.
- 5.The electrolysis circuit adopts advanced PWM pulse width modulation technology, which greatly reduces the power consumption of the whole machine.
- 6.Friendly man-machine dialogue, with touch screen man-machine interactive interface.
- 7.Display the clock (year, month, day, hour, minute and second) and keep it when power down.
- 8.Printer: embedded thermal printer, 36 characters, Chinese characters output, Printing is quieter, faster and clearer.
- 9.Program control is adopted to adjust the mixing speed by inputting numbers

directly from the interface.

10. Multiple formula selection, automatic change of display units (ug, mg / L, ppm,%) can be memorized.

III. Main technical specifications

1. Measurement range: 0.0001% (1ppm) to 100%
2. Sensitivity threshold: 0.01ugH₂O
3. Accuracy: for 5ug-1 mg: ±2ug for > 1mg: 0.2%
4. Display mode: 7.0 inch LCD color large screen touch display
5. Test results: printing
6. Power supply: AC(220±10%)V, (50±5%) Hz
7. Maximum power consumption: 60 W
8. Ambient temperature: 5℃~40 ℃ Relative humidity: ≤85%
9. Dimension: 385mm×290mm×280mm
10. Net weight: 8 kg