

HM-TOC1 total organic carbon analyzer

The product meets the requirements of the Pharmacopoeia issued in 2020,

Implement instrument authority management, audit trail, electronic signature.

And can choose the exclusive research and development of the database expert management system.



First, product introduction

The total organic carbon analyzer is a high-precision total organic carbon analysis instrument independently developed by the company. Products use conductivity difference detection technology, high detection accuracy, short response time. It can meet the off-line detection requirements of pharmaceutical water, water for injection, ultra-pure water and deionized water.

Second, product characteristics

1. Design and test the total organic carbon content of pharmaceutical water and electronic water;
2. The instrument adopts portable design, easy to use, easy to move to the sampling point;
3. Embedded system, touch screen design, pure Chinese easy to operate;
4. Equipped with a large amount of storage space, can store a large number of test data;

5. Chinese/English print, output test parameters, test results;
6. In the process of use, storage and replacement, no gas or reagents are required, no moving parts, reducing repair and maintenance costs;
7. When the concentration of the test sample exceeds the specified limit, the instrument can automatically alarm and output the control signal;
8. IQ/OQ/PQ services can be provided in accordance with the test program stipulated by the National 2020 edition of Chinese Pharmacopoeia.

3. Performance specifications

Measuring range: 0.001mg/L ~ 1.600 mg/L

Precision: $\pm 4\%$ test range

Resolution: 0.001mg /L

Analysis time: 3 minutes per test

Sample temperature: 1 ~ 70°C

Repeatability error: $\leq 3\%$

Power requirements/Functions: 220V

Display screen: color touch screen

4. Application field

Off-line monitoring and laboratory testing of pharmaceutical water (purified water, water for injection), and cleaning verification; Environmental testing, electronics industry, food industry, etc.

If the product software is upgraded, the upgrade can be provided free of charge if the hardware platform is compatible.