

Potentiometric titrator verification

Potentiometric titrator verification is a high-precision electrochemical analysis instrument for volumetric analysis using potentiometric titration method. It adopts modular design and consists of volumetric titration device, control device and testing device. It can carry out acid-base titration, REDOX, precipitation and complexation titration. The instrument has the functions of constant titration, micro titration, end-point setting titration, volume setting titration and mode titration. Users can also build their own special titration methods according to their actual needs.

1. Potentiometric titrator verification Introduction

Acid-base titration, for example: oxalic acid (aqueous phase/non-aqueous phase) content

Redox titration, such as: iodine value, iron (II) content

Precipitation titration, for example: chloride content

Complexometric titration, for example: calcium content,

Titrate with polarized electrodes (Ipol, Upol)

2. Potentiometric titrator verification Parameter

| | |
|--------------------------------------|--|
| Model | JH-T9 |
| Measuring range | -2000.0MV~+2000.0MV -20.000PH~+20.000PH |
| Resolution | 0.1MV 0.001PH |
| Precision | 0.1MV 0.002PH |
| Measurement mode | MEAS: measure pH /mV/ T CAL: pH calibration (multi-point) SET: Set the end point mode MET: equivalent titration DET: Dynamic Titration |
| Titration mode | Acid-base titration/ Redox titration/ Precipitation titration/ Complexometric titration/ Non-aqueous |
| Titration cup capacity | 250ml |
| Temperature measurement range | -5-120℃ |
| Temperature measurement accuracy | ±0.1℃ |
| communication method | 2*USB, 232 serial port, Ethernet |
| Dosing unit | Built-in dosing unit |
| Dosing module unit | 4 set of built-in titration dosing channel |
| Expandable number of dosing channels | 8 |
| Burette specifications | 1ml 5ml 10ml 25ml 50ml (10ml Standard) |
| Burette resolution | 1/48,000 |
| Burette refill time | 10 seconds (100% filling speed) |
| control unit | PC with software (optional computer) |
| Autosampler | Can be used in conjunction with the GT robot sampling system for the analysis |

| | |
|------------------------------|---|
| | of large quantities of samples |
| Self-check function | Automatically check the status of the instrument after starting |
| Calibration function | YES |
| Application editing function | YES |
| storage | More than 300G |
| Default method | More than 300G |
| Comply with FDA, GMP, GLP | Audit trail, hierarchical management, electronic signature |
| Pipeline | PTFE titration line (corrosion resistant) |
| Stirring method | Overhead spiral stirrer or magnetic stirring |
| PTFE valve | Imported anti-corrosion rotary valve |
| Micro detection electrode | Imported |
| Micro syringe pump | Imported |

3. Potentiometric titrator verification Feature And Application

Contains 4 channels, can be equipped with 16 (JH-T9)/20 (JH-T9B) station rotary autosampler

It can drive multiple dosing module units, and the burette and pipeline should be resistant to acid, alkali and corrosion.

Imported anti-corrosion PTFE rotary valve, PTFE anti-corrosion burette, high-power stirring table, using coil to achieve magnetic stirring

High-precision closed-loop control to ensure accurate titration

High-precision burette accurate to 0.003mm

Automatically check the status of the instrument after power-on

The whole pipeline is fully sealed design, which is quick and easy to replace

Real-time display of titration curve and measurement results, easy to operate

Support acid-base titration, redox titration, precipitation titration, complexometric titration, non-aqueous titration and other titration methods

Comply with GMP regulations, titration results meet GLP requirements

Automatic sample loading, automatic cleaning of pipelines, automatic measurement of experimental results, automatic recording and drawing of the titration time pH-titration volume real-time change curve.

Comply with the 2020 edition of the Pharmacopoeia

It has a comprehensive multi-level user authority management function, and realizes the functions of audit trail and authority management.

4. Fields of use Potentiometric titrator verification

The Potentiometric titrator verification is a general basic equipment in the laboratory and is widely used. It can be used in food, drug inspection, disease control, commodity inspection, water treatment, petroleum, chemical, marine, electric power, environmental protection, new energy, teaching, scientific research and other related fields .

5. Product Qualification

Jiahang Potentiometric titrator verification has obtained CE certification, TART certification, ISO quality management system certification, more than 10 software copyrights and multiple patents to ensure that each instrument has stable performance and excellent quality.

6. Deliver,Shipping And Serving

We have a top R&D team returned from Europe and America, cooperate with our superb manufacturing team, professional sales team and dedicated service team, working together to provide customers with high-tech, high-quality products and efficient, convenient, Comprehensive pre-sales and after-sales professional services.

7. FAQ

How many years have your company made Potentiometric titrator verification ?

22 years of scientific instrument manufacturer, laboratory solution provider!

Which certificate do you have for your products?

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Will you will attend the fair to show your products?

Yes, Every year we will participate in some internationally renowned exhibitions to launch our new products, such as Aralab, PICCTON, Analytica Russia, Lab Africa, Analytica Germany, Analytica Latin America and so on,we are looking forward to your visit.

How about your company's R&D strength

Possess strong R&D technical capabilities (a R&D team of more than 20 people, with an average degree of doctorate degree, graduated from well-known universities at home and abroad, with an average work experience of 8 years), able to deal with and solve product-related technical problems

If OEM is acceptable?

Provide OEM customization service, product built-in software has autonomy, can customize development settings

Are you a trading company or a manufacturer?

100% manufacturer, no middlemen and distributors make the price difference, the price of the source factory is very advantageous; Jiahang is headquartered in Shanghai, China, has 15 service outlets and 2 production plants in China, and has sales in more than 10 countries overseas proxy.

How about your delivery time?



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"Generally, it will take 7 to 15 working days after receiving your advance payment. Depend on the quantity."

Which payment can be acceptable ?

We could accept the payment by L/C, TF, Paypal , Western Union,etc.

Service

We could provide Online instruction ; Real-time support by video-ca or voice-chat.

Any customer who cooperates for the first time promises to provide a production cost price trial opportunity to solve your worries about product quality problems.

Provide official product quality assurance documents that comply with legal benefits to escort you with worry-free after-sales service.