

Potentiometric Titration Apparatus

Potentiometric Titration Apparatus 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.

1. Potentiometric Titration Apparatus Introduction

Potentiometric Titration Apparatus 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.

2. Potentiometric Titration Apparatus Parameter

Model		JH-T4	
Titration device	Volumetric titration unit	Titration analysis repeatability	0.2%
		Allowable error of titration capacity	15ml burette: $\pm 0.025\text{ml}$; 25ml burette: $\pm 0.035\text{ml}$
		Burette resolution	15ml burette: 1/20000; 25ml burette: 1/10000
		Titration volume accuracy	0.0001ml
		Drive resolution	1/30000
		Electronic unit repeatability error	$\leq 0.2\text{mV}$
Measuring device	Potentiometric Titration Module	Measuring range	(-1999.99-1999.99)mV, (0.000-14.000) pH
		Resolution	0.01mV , 0.001pH
		Maximum possible error	0.2 mV 0.02pH
	Temperature compensation	Measuring range	(0-100.0) $^{\circ}\text{C}$
		Resolution	0.1 $^{\circ}\text{C}$
		Basic error	$\pm 0.2^{\circ}\text{C}$
Number used for titration		2 pcs (15mL / 25mL)	
Titration cup capacity		100mL	
Isometric titration		YES	
Integrated burette		YES	
Used to stir samples		NO	
pH correction		YES	
Set end mode		YES	
mv / pH measuring electrode interface		YES	
Reference electrode interface		YES	
PT1000 temperature electrode interface		YES	
Host USB interface		YES	
Stirrer interface		YES	
Output Interface		Printer	
Screen display		8 inch TFT touch color screen	
Power supply		110-240V, 50/60 Hz	
Weight		7.6kg	

3. Potentiometric Titration Apparatus Feature And Application

1. Automatic sample injection, pipeline cleaning, automatic test;
2. 8 inch color touch screen, easy to operate and display titration curve and measurement results;
3. Support acid-base, REDOX, precipitation, complexation, non-aqueous titration and other titration methods;
4. Imported solenoid valve, PTFE corrosion-resistant burette, high-power magnetic stirring;
5. High precision closed-loop control to ensure accurate titration;
6. High precision burette accurate to 0.003mm;
7. Comply with GLP GMP certification; Support direct data printing

4. **Fields of use Potentiometric Titration Apparatus**

Automatic potential titrator belongs to the laboratory general basic equipment, the use is very wide, can be used in food, drug testing, 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 Titration Apparatus 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 Titration Apparatus ?

22 years of scientific instrument manufacturer, laboratory solution provider!

Which certificate do you have for your products?

Jiahang 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.

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 Arablabs, 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?

"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.