

zygon

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ZAT-100 AAA

AUTOMATIC TITRATOR



Automatic Titrator

ZAT-100 AAA Automatic Titrator meets the demand of multi-complex liquid inlet automatically. There is no need to add solution manually. With the most secure built-in burette, to avoid contact with harmful chemicals which protect user security; Cloud services, Connection via the Ethernet port to achieve the sharing between the instrument and Hanon's huge database. Leads the laboratory instruments to Cloud generation.

- Multi-Channel modular combination, combine up to 4 dosing units & 6 channels work at same time.
- 3 standard burettes (5ml/10ml/25ml) available for options according to different application
- Unique built-in dosing unit to avoid harmless chemical leak.
- Multiple self-checking function to avoid mis-operating.
- Flexible application edit functions, users can storage your own titration mode according to your testing and use the storage mode next time with one click.
- RS232/USB port with networked CAN bus communication functions
- Can work with external 16-samples auto-sampler, making the multitasking operation much easier.

Built-in burette:

The most secure built-in burette, burette built in the instrument and can be observed though the window during the test to avoid the harmless chemical leak. Burette volume is optional: 5ml/15ml/25ml

Cloud Service:

With ethernet interface, it can storage the database to the cloud server. Lead the laboratory instruments to Cloud generation.

Titration platform diversification:

Flexible to work with independence titration stand or 16 auto-sampler, multi-tasking operating through 16 auto-sampler can be fully automated, the whole process without staff to monitor, improve the work much more efficiency.

MV Measuring Range	-2000.0MV~+2000.0MV
MV Measuring Resolution	0.1MV
MV Measuring Accuracy	0.1MV
pH Measuring Range	-20.000PH~+20.000PH
pH Measuring Resolution	0.001PH
pH Measuring Accuracy	0.003PH
Temperature Measuring Range	-5~120°C
Temperature Measuring Accuracy	±0.1°C
Interface	2xUSB, 1xRS232, 1xEthernet
Max Titration Station	2 as standard (up to 4 optional)
Max Liquid Filling	4 (as required)
Burette	1ml, 5ml, 10ml, 25ml
Burette Resolution	1/15000000
Burette Rehydration Time	16 seconds (100% filling rate)
Operation	Controlled by PC (Computer provided by customer)
Electrode Interface Type	Q9, Q6, Combination electrode connector
Sampling	Up to 16 samples (16 positions Auto-sampler is optional)