T960
Auto Titrator

Hanon T960 Auto Titrator is a high-precision laboratory experimental analysis instrument that uses potentiometric, dead-stop and other titration methods for capacity analysis. It can perform acid-base titration, redox, precipitation, complexation, dead-stop, etc. It has the functions of constant titration, micro titration, end point setting titration, volume setting titration and mode titration, etc. At the same time, it can choose or build its own special titration mode according to the actual needs of users.

Hanon T960 series titrator can be used in food, drug inspection, disease control, inspection, commodity inspection, water treatment, petroleum, chemical, marine, electric power, environmental protection, new energy, teaching, scientific research and other fields.

Key Features

- Multi-channel modular combination, which can combine multiple dosing units; supports 4 dosing units to work at the same time, free combination, no need to install and disassemble parts, and each module can be simply side-by-side to form an instrument system
- 4 types of standard burettes for adding liquid can be selected arbitrarily, and the experimental application is more targeted; standard 10mL, optional 1mL, 5mL, 25mL
- Built-in dosing unit, multiple guarantees against the danger of reagent spillage; minimize the risk of operators
- Multiple self-check functions, simplify the operation process and avoid misoperation
- With the application editing function, the user can generate a special titration mode according to the experiment and store it, and the next one-click retrieval
- With the audit trail function, the effective operation of the instrument will be recorded in the background and cannot be deleted
- Have user hierarchical authority management, and can check the specific use authority when creating an account
- With the function of password aging, each account can set the validity period of the password. After the expiration, it is mandatory to change the password before logging in to the instrument.
- With password complexity setting, you can set the password complexity according to your needs
- Support manual setting of endpoints and save as associated data to reduce unnecessary repeated experiments

Diversification of titration platforms

Independent analysis station, 16-position 100mL autosampler, 12-position 250mL autosampler, and 18-position 50mL autosampler can be freely selected.

Multiple titration modes

Acid-base titration, redox titration, silver volume titration, complexometric titration, dead-stop titration.

Multiple measurement modes

MEAS: measure pH/mV/T, CAL: pH calibration, SET setting end point mode, MET equivalent titration, MET equivalent titration second-order derivative method (chlorine ion measurement), DET dynamic titration, constant pH titration, manual titration, etc. .

Wireless Wi-Fi Module

T9605 wireless Wi-Fi module, wireless connection between computer and the titrator, remote control of the instrument, reducing the time when the experimenter is in close contact with chemical reagents.

Application

Mainly used in food, medicine, disease control, commodity inspection, water treatment, petroleum, chemical, marine, electric power, environmental protection, new energy, teaching, scientific research and other fields.

Note:"●"with the same technical index

Technical data

	T960 BASIC	T960 PRO
Titration module	Potentiometric	Potentiometric, Dead-stop
mV Measuring range	-2000.0mV～+2000.0mV	●
mV Measuring	Resolution: 0.1mV, Accuracy: 0.1mV±0.03%	●
pH Measuring range	-20.000pH～+20.000pH	●
pH Measuring	Resolution: 0.001pH Accuracy: 0.003pH	●
Temp.Measuring range	-5～120℃	●
Temp. Accuracy	±0.1℃	●
Maximum number of titration modules	4 (2 modules in the standard package)	●
Maximum number of simultaneous filling modules	4 (2 modules in the standard package)	●
Burette optional	1mL 5mL 10mL 25mL (10ml burette in the standard package)	●
Burette resolution	1/1500000	●
Burette refill time	16 seconds (100% filling speed)	●
User grading management system	Customizable operation permissions	●
Audit trail	○	●
Controlled by	PC	●
WiFi module	○	●
Stirring	Magnetic stirring, mechanical stirring (optional)	●
Electrode interface type	mV/pH measuring electrode interface reference electrode interface	mV/pH measuring electrode interface reference electrode interface
	PT1000 temperature electrode interface	PT1000 temperature electrode interface polarized electrode interface
Autosampler (Optional)	Equipped with 1 independent analysis station, optional 16-position 100mL autosampler, 12-position 250mL autosampler, and 18-position 50mL autosampler	