LabPrep



LABPREP SELECTION

Auto Titrator

Auto Titrator

T860

T860 is a durable, accurate, cost-effective automatic potentiometric titrator. It uses a modular and compact design, can finish acid-base titration, redox titration, precipitation titration and complexation titration and other common titration.



Compact integrated design

- Easy to pick up to anywhere you need to, the host, stirrer, titration, reagent bottle holder are integrated with the shell.
- 7-inch color touch screen, inbuilt Android-based operating system, multi-status indicator light.
- The main unit is Splash-proof. And the titration base has the liquid drainage design to prevent liquid deposition and penetration.
- The reagent bottle has sealing cover, can fill the effective isolation adsorption material, to prevent any polluted by the air or the escaped odour.
- Zero-dead volume solenoid valve, changing easily for PTFE burette.

Smaller body, higher performance

- Support MET, DET, EP and other titration modes, can finish acid-base, precipitation, nonaqueous, redox, complexation and other titration.
- With programmable liquid dispensing function, can set the liquid adding volume, liquid adding interval, liquid adding times, to prepare the solvent.
- Support the function of Custom formula editor, to let the complicated calculation's results easily.
- All detailed titration nodes can be viewed, and the end point can be manually set and saved as associated data, reducing unnecessary repeated laboratory tests.
- Historical data can be viewed during testing, let the error correction in time.
- Multiple self-inspecting function, pH electrode calibration, burette calibration.
- The methods are programmable and storable, and can be one-click call out.

Perfect laboratory data security management

- Four levels of authority for ID, and each level ID's authority is configurable.
- E-Signature, Data exporting is tamper-proofing, and so on.
- Support password security setting, and also can set the passwords' aging time.
- Support PDF or Excel formats data export,both list or detailed reports.
- Support dot matrix printer and wireless connection laser printer.
- Storage space: 4GB
- With a multi-level retrieval function, you can quickly search the target data from the data base.

Technical Data

Measurement range	mV:-2000.0mV ~ +2000.0mV, pH:-20.000pH ~ +20.000pH, Temperature:-5 ~ 120°C
Resolution	0.1mV, 0.001pH, 0.1°C
Accuracy	0.1mV±0.03%; 0.003pH;±0.1°C
Burette optional	Standard 10mL burette, 5/25mL is optional
Burette resolution	1/48000
Burette refill time	16 seconds (100%filling speed)
Stirring	Magnetic stirring
User grading management	4 levels (Customizable operation permissions)
Communication port	mV/ pH measuring electrode interface reference electrode interface, PT1000 temperature electrode interface 2×USB, 1×RS232



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