

Ti-41 Automatic Potential Titrator



GENERAL FEATURES

- Color High contrast LCD touchscreen, 7.0 inches.
- Potential titration analysis.
- Replaceable burette with high-accuracy (10 mL or 20 mL selectable).
- Burette line using acid and alkali resistance, perchloric acid resistance, organic reagent corrosion resistant material, can be non-aqueous titration.
- Support upper mixer and lower mixer.
- Support the following titration modes: DET (dynamic equivalence point titration), MET (monotone equivalence point titration), SET (Preset Endpoint Titration), constant pH titration, Blank titration, and MAT (manual titration).
- Support acid-base titration, non-aqueous phase acid-base titration, REDOX titration, precipitation titration and complex titration and other titration methods.
- It has titrant management.
- 1-3 points calibration with Standard Recognition.
- Selectable pH buffer groups, including NIST, DIN, GB.
- Displays the test method, titration curve and measurement results in real time.
- Formula editor can display calculation results directly.

Data management

- Data Storage 1000 sets (GLP-compliant).
- User password management.
- Support for RS-232 communication for print and the print format can be alternate.
- Support for U disk for data export with CSV or PDF format.

Includes

- 10mL burette
- 231-01 pH indicator electrode
- 213-01 platinum electrode
- 216-01 silver electrode
- 232-01-D reference electrode
- 217-01-D reference electrode
- T-818-Q Temperature probe
- NIST pH standard powder(4.01, 7.00, 10.01)

Model		Ti-41
Repeatability		≤0.2%
Burette	Accuracy	10mL Burette: ±0.025mL 20mL Burette: ±0.035mL
	Resolution	1/50000
Measuring Unit	Range	(-2000.00~2000.00)mV (-2.000~20.000)pH
	Resolution	pH: 0.001pH mV: 0.01mV
	Accuracy	pH: ±0.005pH mV: ±0.05% or ±0.3mV
	Fluctuation	±0.3mV/3h
	Repeatability	≤0.2mV
Temp. Compensation	Range	(-5.0~110.0) °C
	Resolution	0.1 °C
	Accuracy	±0.2 °C
General	Power Supply	(80~250)VAC, (47~63)Hz
	Dimensions	240×370×270 mm
	Net Weight	About 4 kg