

Ti-50 Automatic Potential Titrator



FEATURES

- 7" colorful touchscreen and smart guide system.
- Titration methods, curves and results are displayed in detail.
- 1 extra burette driver can be installed (optional).
- Replaceable burette with high-accuracy (10 ml or 20 ml selectable).
- Intelligent operation system provides features including user management, method management, electrode management, titrant management, data management, etc.
- Support titration modes: DET (dynamic equivalence point titration), MET (monotone equivalence point titration), SET (Preset Endpoint Titration) and MAT (manual titration).
- pH calibration and measurement are supported.
- Up to 100 user-defined methods and 10 user-defined shortcuts.
- Auto calculation with pre-defined formula.
- Store up to 200 titration data sets (GLP-compliant).
- Data analysis feature helps user review, compare and recalculate results.
- Data can be easily transferred to printer via RS-232 communication interface.
- Titrator can be controlled by computer via USB or RS-232 communication interface.
- Automatic sampler is supported.

Model		Ti-50
Burette	Titrimetric Repeatability	0.20%
	Accuracy	10ml Burette: $\pm 0.025\text{ml}$ 20ml Burette: $\pm 0.035\text{ml}$
	Resolution	10ml Burette: $0.33\mu\text{l}$ 20ml Burette: $0.66\mu\text{l}$
Mechanical Unit	Resolution	1/30000
Measuring Unit	Range	(-1999.0 ~ 1999.0) mv, (0.00 ~ 14.00)pH
	Resolutions	0.1mV, 0.01pH
	Accuracy	pH: $\pm 0.01\text{pH}$, mv: $\pm 0.03\%\text{FS}$
	Fluctuation	($\pm 0.3\text{mV} \pm 1\text{bit}$) /3h
Temp. Compensation	Range	(-5.0 ~ 105.0) °C
	Resolutions	0.1 °C
	Accuracy	± 0.3 °C
General	Power Supply	AC Adapter, 100-240V AC input, DC24V output
	Dimension (mm)& Weight (kg)	340×400×400, 10