

LH-50 Automatic Potential Titrator / Automatic Titrator



Features

- 1, 7" colorful touchscreen and smart guide system.
- 2, Titration methods, curves and results are displayed in detail.
- 3, 1 extra burette driver can be installed (optional).
- 4, Replaceable burette with high-accuracy (10 ml or 20 ml selectable).
- 5, Intelligent operation system provides features including user management, method management, electrode management, titrant management, data management, etc.
- 6, Support the following titration modes: DET (dynamic equivalence point titration), MET (monotone equivalence point titration), SET (Preset Endpoint Titration) and MAT (manual titration).
- 7, pH calibration and measurement are supported.
- 8, Up to 100 user-defined methods and 10 user-defined shortcuts.
- 9, Auto calculation with pre-defined formula.
- 10, Store up to 200 titration data sets (GLP-compliant).
- 11, Data analysis feature helps user review, compare and recalculate results.
- 12, Data can be easily transferred to printer via RS-232 communication interface.
- 13, Titrator can be controlled by computer via USB or RS-232 communication interface.
- 14, Automatic sampler is supported.

Specifications

Model		LH-50
Burette	Repeatability	≤0.2%
	Accuracy	10ml Burette: ±0.020ml; 20ml Burette: ±0.030ml
Mechanical Unit	Resolution	1/30000
Measuring Unit	Range	(-2000.00~2000.00) mV, (0.000~20.000)pH
	Resolutions	0.01mV, 0.001pH
	Accuracy	pH: ±0.002pH

		mV: $\pm 0.03\%$ or $\pm 0.2\text{mV}$
	Fluctuation	$\pm 0.3\text{mV}/3\text{h}$
Temp. Compensation	Range	$(-5.0\sim 105.0)^\circ\text{C}$
	Resolutions	0.1°C
	Accuracy	$\pm 0.2^\circ\text{C}$
General	Power Supply	AC Adapter, 100-240V AC input, DC24V output
	Dimensions	340×400×400 mm
	Weight	10 kg
	Dimensions (Carton)	540×490×480 mm
	Weight (Gross)	12 kg