

Ti-50

Automatic Potential Titrator



GENERAL 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 the following titration modes: DET (dynamic equivalence point titration), MET (monotone equivalence point titration), SET (Preset Endpoint Titration) 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.

PRODUCT SPECIFICATIONS

Burette	Repeatability	0.20%
	Accuracy	10ml Burette: ± 0.025 ml; 20ml Burette: ± 0.035 ml
	Resolution	10ml Burette: 1/20000; 20ml Burette: 1/10000
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: ± 0.01 pH mv: $\pm 0.03\%$ FS
	Fluctuation	(± 0.3 mV ± 1 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

Standard Accessories

- 1 10ml or 20 ml Burette
- 2 217-01 Reference Probe
- 3 213-01 Platinum Probe
- 4 216-01 Ag Probe
- 5 232-01 Reference Probe
- 6 231-01 PH Probe
- 7 T-818-B-6 ATC Probe
- 8 NIST pH Buffer (PH4.01, PH7.00, PH10.01) - 50ml*3

Optional Accessories

1	Ti-2201PH	PH probe for general solution
2	Ti 2202PH	PH probe for pollution solution
3	Ti 2211PH	PH probe for no-aqueous solution
4	Ti-1121PH	Ag Titrating Probe
5	Ti-2241ORP	
6	Ti-2201ORP	
7	Ti-2242ORP	