

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 usermanagement, method management, electrode management, titrantmanagement, data management, etc.
- Support titration modes: DET (dynamic equivalence point titration), MET (monotone equivalence point titration), SET (Preset EndpointTitration) 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 recalculateresults.
- Data can be easily transferred to printer via RS-232 communicationinterface.
- Titration can be controlled by computer via USB or RS-232communication interface.
- Automatic sampler is supported.



Technical Parameters:

Model		Ti-50
Burette	Repeatability	≤ 0,2%
	Accuracy	Burette 10 ml : +0,020 ml ; Burette 20ml :+0,030 ml
	Resolution	1/30000
Mechanical Unit	Range	(-2000.00~2000.00)mV (0.000~20.000)pH
Measuring Unit	Resolutions	0.01mV,0.001pH
	Accuracy	pH: +0.002pH mV: +0.03% or +0.2mV
	Fluctuation	+0.3mV/3h
Temp. Compensation	Range	(-5.0~105.0)°C
	Resolutions	0.1°C
	Accuracy	+0.2°C
General	Power supply	AC Adapter, 100-240V AC input, C24V output
	Dimensions	340x400x400 mm
	Weight	10 kg