

DW-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 the following 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.

Includes

1. 10ml burette
2. 232-01 reference electrode
3. 213-01 platinum electrode
4. 216-01 silver electrode
5. 217-01 reference electrode
6. 231-01 pH indicator electrode
7. T-818-B-6 Temperature probe
8. NIST pH standard solution(4.01, 7.00, 10.01) , 50ml/vial



Specifications

Model		DW-Ti-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: ±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, DC24V output
	Dimensions	340x400x400 mm
	Weight	10 kg
	Dimensions (Carton)	540x490x480 mm
	Weight (Gross)	12 kg