

## AE-Ti-40 Potential Titrator

### Features:

- ◆ LCD display screen and smart guide system.
- ◆ Titration methods, curves and results are displayed in detail.
- ◆ Replaceable burette with high-accuracy (10 ml or 20 ml selectable).
- ◆ 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.
- ◆ Store up to 50 titration data sets (GLP-compliant) and 1 latest set of titration curve.
- ◆ 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.



### Technical Data

Model		Ti-40
Burette	Titrimetric Repeatability	0.2%
	Accuracy	10ml Burette: $\pm 0.025\text{ml}$ ;20ml Burette: $\pm 0.035\text{ml}$
	Resolution	10ml Burette: $1\mu\text{l}$ ;20ml Burette: $2\mu\text{l}$
Mechanical Unit	Resolution	1/10000
Measuring Unit	Range	(-1800.0 ~ 1800.0) 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	$\pm 0.3$ °C
General	Power Supply	AC Adapter, 100-240V AC input, DC24V output
	Dmension (mm>& Vtetcht (kg)	340×400×400, 10