

Ti-21 Potential Titrator



GENERAL FEATURES

- LCD display screen, clear display.
- It is suitable for laboratory potentiometric titration.
- Support three titration modes: Auto Titration (Preset Endpoint Titration), Manual Titration and Control Titration.
- Auto Titration allows to set the endpoint, range and delay time.
- Manual titration allows to add continuously or add small amount.
- Controlled titration allows to set the endpoint and switch titration speed with manual titration.
- pH calibration and measurement are supported.
- pH supports automatic or manual calibration.
- 1-2 points calibration for pH with standard recognition.
- Automatic/Manual temperature compensation ensures pH accurate results.
- Automatic electrode diagnosis with pH slope.
- An external 10mL or 25mL glass burette can be used for volume measurement (prepared by user).

Includes

- JB-11 stirrer
- E-201F pH composite electrode
- T-818-Q Temperature probe
- 216-01 silver electrode
- Reference electrode
- pH standard powder(4.01, 7.00, 10.01)

Model		Ti-21
mV	Range	(-1400~1400)mV
	Resolution	1mV
	Accuracy	$\pm 0.35\%FS(\pm 4.9mV)$
	Titration control sensitivity	$\pm 5mV$
pH	Range	(0.00~14.00)pH
	Resolution	0.01pH
	Accuracy	$\pm 0.03pH$
	Titration control sensitivity	$\pm 0.1pH$
Temperature	Range	(0.0~100.0) $^{\circ}C$
	Resolution	0.1 $^{\circ}C$
	Accuracy	$\pm 0.3^{\circ}C$
	Instrument Accuracy	$\pm 0.5^{\circ}C$ (0.0 $^{\circ}C$ ~60.0 $^{\circ}C$), $\pm 1^{\circ}C$ (other)
Titration	Delay time Accuracy	$\pm 2s$
	Accuracy	$\pm 2.5\%$
	Repeatability	$\leq 0.3\%$
General	Power Supply	AC Adapter, 100~240 VAC input, DC20V output
	Dimensions	218×180×66 mm
	Net Weight	About 0.7 kg