NEW

Features

- The whole process of titration is electronically driven controlled, it is more accurate, stable, efficient and free from human influence than ordinary digital titrators, which greatly improves the detection ability, is more standardised laboratory operation and data traceability.
- The titration combines accuracy, time saving and user-friendliness in 25mL and 50mL sizes, enabling operation from 10µl to 50.00mL with up to two decimal places resolution.
- The user-friendly intelligent control panel is clear and easy to operate.
- The touch screen display makes it easy to perform titration experiments, or remote titration can be performed using the dedicated operating handle.
- Clear and brown windows are standard, the brown window can be used for photosensitive media (e.g. iodine, potassium permanganate and silver nitrate solutions).
- Drying tubes are supplied as standard, for moisture and CO2 sensitive media it is necessary to use drying tubes with a suitable absorbent (not included in the scope of delivery).
- 0-90 degree rotation of the built-in valve, with rapid exhaust and return reagent, safety and security features.
- Free software is available for upstream control.
- It can realise three liquid discharge modes: single drop, fixed volume liquid discharge and manual liquid discharge.
- It can realise two suction modes: manual suction and fixed volume suction.

Comprehensive accessories tailored for your convenience

Reagent Bottle Base Holder

Part No.	Function
17001682	Increase the friction between the bottle base and the workbench to prevent the titrator from sliding or tipping over during use.

Refill Support Base

Part No.	Function
17001681	Secure the long inlet tube while connecting the titrator to the funnel base.

Liquid Refill Funnel

Part No.	Function
17001680	Allows easy refilling of the reagent bottle without disassembling the titrator.

Liquid Refill Base

Part No.	Function
17001679	The titrator can be placed separately on the workbench.

Refill Funnel

Part No.	Function
17900433	Refill solution into the reagent bottle

pH meter

Part No.	Function
17900519	Assist in titration end-point determination

Bluetooth printer (thermal)

Part No.	Function
17900518	Print titration results

Color sensor

Part No.	Function
17900541	Assist in titration end-point determination

Can be refilled at any time

Convenient replacement of standard reagents

PC software provided free of charge

Specification

	10mL	**25**mL	**50**mL
Volume Range	0.010mL ~99.999mL , maximum volume per aspiration: 10mL, minimum: 10μL	0.020mL~99.999mL, maximum volume per aspiration: 25mL, minimum: 20μL	0.020mL~99.999mL, maximum volume per aspiration: 50mL, minimum: 20μL
Suction And Discharge Speed Range	10 levels,0.5mL/s-5mL/s	10 levels,0.5mL/s-5mL/s	10 levels,1mL/s-10mL/s
Stirring speed	5 Levels		
Operating Temperature Range	10-30°C		
Quality Standard	ISO8655		
Bluetooth Function	Yes		
WiFi Function	Yes		
Control Type	Remote support, including stirrers and titration programmes		
Battery capacity. 3500mAh	3500mAh		
Memory	1000 experimental records		
Screen	4.3-inch TFT color display, 800×480 resolution		

Working Accuracy

Volume mL	**Subvolume**	**systematic error R**		**variation coefficient CV**	
	mL	%	μL	%	μL
10mL	10	0.2	20	0.07	7
	5	0.4	20	0.14	7
	1	2.0	20	0.7	7
25mL	25	0.2	50	0.07	17.5
	12.5	0.4	50	0.14	17.5
	2.5	2.0	50	0.7	17.5
50mL	50	0.2	100	0.05	25
	25	0.4	100	0.10	25
	5	2.0	100	0.5	25