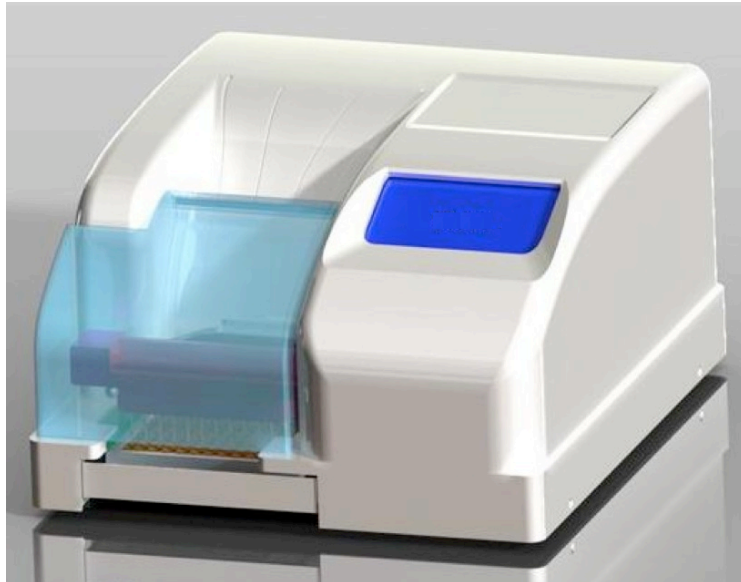




TopWash 4000 Microplate Washer



Main Features

- Touch LCD Screen,easy operation
- Aspirate and dispense needle are separated
- Three channels: detergent channel, rinse channel and waste channel
- 3 kinds of different plates can be washed(include flat bottom,U bottom and V bottom plate)
- Dispense,aspirate and soak can be programmed at user's disposal.
- Several wash method can be chosen (regular mode, 2 point mode and bottom clean mode)
- Plate shaking function and the intensity can be adjusted
- Automatically calibrate the manifold and also fine tuning
- Automatic monitoring pressure and vacuum, automatic rising cycle
- Liquid warning
- Emergency stop available can be continued
- Large memory to store up to 99 user programmed wash protocols

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SPECIFICATION

Manifold	8 pin or 12 pin
Mode	Strip mode and Plate mode
Strips	1 - 12 or 1 - 8 (according to the manifold)
Dispense Volume	50 - 9999 μ l
Aspiration time	1 - 99 sec
Soaking time	0 - 99hr (continuous)
Repetition	0 - 99 times
Bottle volume	2L (Rinse bottle, Detergent bottle, Waste bottle)
Date Storage capacity	99 Programs
Plate Setup	10 kinds
Resolution	1 μ l by step
Residual volume	Regular mode <2 μ l; clean mode <1 μ l
Distribution Accuracy	CV < 2%
Pressure	600mbar
Liquid Exhaust	Detergent: around 50ml/plate (according the parameter)
Display	240 × 128 LCD (touch screen)
Size (L×W×H)	480mm × 330mm × 150mm
Power Supplier	110/220 \pm 10%V 50/60Hz
Working Temperature	10°C – 30°C
Working Humidity	<85 %