

## YJ-W812 Full-Automatic Microplate Washer



It is controlled by microcomputer to wash 48 well and 96 well microplate in experiments of Enzyme Linked Immunosorbent Assay(ELISA) Time-Resolved Immunofluorometric Assay(TRFIA) and Chemiluminescence, which are widely used in clinical diagnostic laboratories, centers for disease control and prevention, animal and plant quarantine animal husbandry and veterinary epidemic prevention stations biotechnological industries, food industries, environmental science, agricultural scientific research and other academic organizations.

### Features



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1. 3.5-inch LCD display.
2. Easy to name edit and save different 100 wash programs.
3. Any line and hole can be easily clean edun necessary to complement the whole plate or strip.
4. Stop or Pause key in the panel can be chosen to stop or pause during working.
5. Aspirating in 2 positions residual volume<0.7ul
6. Multi-plate can be selected by default settings or manual operation.
7. Microplate holder is detachable which makes easy to disinfect and maintain it.
8. Suitable for flat, U and V-bottom microplates.
9. Special rinse procedure makes easy to maintain the device and reduces contamination between plates.
10. Wash bottle filter keeps sediment in the solution away the pipes.
11. The control technology for pump pressure can avoid clogging in needles. Automatical rinse procedure by distilled water when turn on or turn off can avoid crystallizing in the pipes.
12. Detachable manifolds makes easy to clear particles in the manifolds
13. Waste water sensor avoids overflow in the waste bottle
14. Scientific structure design avoids bottom contaminating
15. Patent design of washer manifolds avoids it out of position or flop

### Specifications

Plate models:flat-round-U-V-plate(96-welland48-well)

Manifold types: 8-and 12-way

Wash times: 1 to99 times adjustable

Wash lines: 1-12 lines selectable

Residual volume<0.7 ul /well

Wash mode: plates or strips

Dispensing uniformity: CV<1.5%

Dispensing volume: 50-950 ulinterval 50ul adjustable

(May extend to 0-6000 ulinterval 25pl adjustable)

Number of dispensing channels: 3 channels

Soaking and shaking time:0-999(seconds/minutes/hours)adjustable

Aspiration time: 0.1-9.9 seconds adjustable interval 0.1second

Pipeline wash time:0-240seconds adjustable

Distilled water automatically wash interval:0-20plates

Operation language: English

### Note:

1. There are 3 kinds of devices:YJ-812NYj-812and Yj-812plus
2. There is only one solution bottle for y1-812N.
3. -812 plus with added features:



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- a) Auto discharge function for waste water.
- b) Water mist catching device keeps vacuum pump dry.
- 4. Solution bottle/waste water bottle: 300ml/2000ml/5000ml  
10L/20L(optional).

