



It is controlled by computer 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:

3.5-inch LCD display, Easy to name, edit and save different 100 wash programs. Any line and hole can be easily cleaned, unnecessary to complement the whole plate or strip.

Stop or Pause key in the panel can be chosen to stop or pause during working.

Aspirating in 2 positions, residual volume <0.7µl.

Multi-plate can be selected by default settings or manual operation.

Microplate holder is detachable, which makes easy to disinfect and maintain it.

Suitable for flat, U and V-bottom microplates.

Special rinse procedure makes easy to maintain the device and reduces contamination between plates.

Wash bottle filter keeps sediment in the solution away from the pipes.

The control technology for pump pressure can avoid clogging in needles.

Automatic rinse procedure by distilled water when turn on or turn off can avoid crystallizing in the pipes.

Detachable manifolds makes easy to clear particles in the manifolds.

Waste water sensor avoids overflow in the waste bottle. Scientific structure design avoids bottom contaminating.

Patent design of washer manifolds avoids it out of position or flop.

WASHER



Program panel

Waste water sensor

Wash bottle filter

Main Technical Parameters:

- Plate models: flat-, round -, U-, V- plate (96-well and 48-well)
- Manifold types: 8- and 12- way
- Wash times: 1 to 99 times adjustable
- Wash lines: 1-12 lines selectable
- Residual volume: <0.7 µl /well
- Wash mode: plates or strips
- Dispensing uniformity: CV < 1.5%
- Dispensing volume: 50-950 µl, interval 50 µl adjustable (May extend to 0-6000 µl, interval 25 µl adjustable)
- Number of dispensing channels: 3 channels, can be extended to 5 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: 0-240 seconds adjustable
- Distilled water automatically wash interval: 0-20 plates
- Operation language: English
- Power: Power Supply 220V AC ± 30%, 50Hz ± 3 Hz
Physical: External Dimensions 44.6cm (17.5 in) × 36.8cm (14.5 in) × 16.4cm (6.4 in) (Height/width/depth)
- Net Weight 9kg