

R&D, Production, Sale and Service of IVD products



Precise
Smart
Practical



PW-812

Microplate Washer

HEALES 汇松

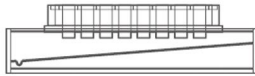


PW-812

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.



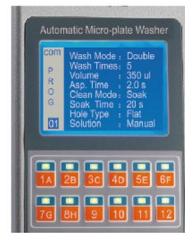
Bottom holder is slope, in order that all waste water can be pumped out, which can prevent microplates from contaminating.

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 <math><0.7\mu\text{l}</math>.
- 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 the pipes.
- 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.
- 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.

Note:

1. There are 3 kinds of devices: PW-812N, PW-812 and PW-812plus.
2. There is only one solution bottle for PW-812N.
3. PW-812 plus with added features:
 - 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).



Program panel



Waste water sensor



Wash bottle filter

Specifications

- 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: <math><0.7\mu\text{l}</math>/well
- Wash mode: plates or strips
- Dispensing uniformity: CV <math><1.5\%</math>
- 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
- 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

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