

## Full Automatic Microplate Washer

# **PKL PPC 152** Microplate Washer

### 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\sim 1</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.

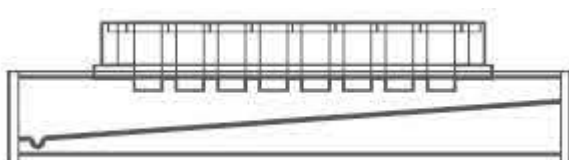


**ISO9001:2015 ISO13485:2016**



**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:  $<0.7 \sim 1/\text{well}$
- Wash mode: plates or strips
- Dispensing uniformity:  $CV < 1.5\%$
- Dispensing volume: 50-950  $\sim 1$ . interval 50  $\sim 1$  adjustable
- (May extend to 0-6000  $\sim 1$ . interval 25  $\sim 1$  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



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



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