

APW-100 Microplate Washer



The APW-100 Microplate Washer is easy, convenient and versatile to use for washing microplate in ELISA assays. It efficiently removes liquid from wells. Low residual volumes eliminate high background signal to ensure reliable assay results. Washing performance can be optimized by adjusting wash parameters, such as wash cycles, soaking time, shaking speed, dispense and aspiration height and speed.

Safety and reliable feature:

The APW-100 is equipped with liquid position sensor to avoid the washing liquid used up or waste liquid from overflow, minimize the risk and avoid the liquid being sucked into the pump to break the equipment. Besides it has shaking function which can improve the washing efficiency.

The APW-100 Microplate Washer has 4.3-inch LCD display with friendly interface, U-disk can be used to transfer the data between the PC and the washer or between two washers, it can also be used to upgrade the software. The washing head can be replaced easily for different kinds of microplates.

Easy Operation:

The APW-100 has 4.3 inch LCD display with friendly interface, U-disk can be used to transfer the data between the PC and the washer or between two washers, it can also be used to upgrade the software. The washing head can be replaced easily for different kinds of microplates.

Features

1. Low residual liquid, each well $\leq 0.5\mu\text{l}$
2. Compatible for microplates: flat, U, V, C bottom
3. 4.3 inch color LCD display, easy to operate
4. Washing head position can accurate to 0.1mm
5. Wash parameters can be set to make sure the best washing effect
6. Support external U-disk, for program exporting
7. 100 programs can be saved
8. Uniform volume mark make it easy to measure the liquid
9. Automatic alarm for full liquid
10. Strainer in the pipeline and automatic washing functions avoid the liquid blocking the pipeline

Technical Data

Model	APW-100
Residual liquid	$\leq 0.5\mu\text{l}$
Washing heads	1×8 or 1×12 heads
Plate types	Flat, U, V, C bottom
Washing volume	50~2000 μl , increase by 50 μl
Washing method	Central two points multi points
Washing times	99 times
Washing channels	3
bottle	3 pcs 2.5L washing bottle, 1pcs 2.5L waste bottle

Dispense accuracy	CV≤2.0% at 300μl (CV≤1.5% for 96 wells)
Soaking and Shaking time	19'59"
Number of wash protocols	up to 100
Data connection	USB
Dimensions(W x D x H)	345 x 460 x 200 mm
Weight	11.5kg
Power supply	AC100/240V, 50/60Hz

Accessories

Code	Description
AS-16010-00	APW-100 Microplate Washer, 120V/240V
AS-16011-01	8 needles washing head
AS-16011-02	12 needles washing head
AS-16011-03	Washing liquid bottle
AS-16011-04	Waste liquid bottle