

## Automatic Micro Liquid Dispenser



### Introduction:

The Automatic Micro Liquid Dispenser is equipped with a high-precision peristaltic pump and a robotic arm, which can quickly, accurately and consistently complete the automatic liquid dispensing operation, liberate the hands of the experimenter, and avoid mistakes while improving efficiency. The liquid dispensing accuracy of the product meets the minimum liquid dispensing volume as low as 5 $\mu$ L, and the filling time of 100 $\mu$ L in a 96-well plate is 10s.

### Features:

- \* Fast: 96-well plate 100 $\mu$ l adding time 10s
- \* Accurate: 96-well plate 100 $\mu$ l liquid addition error  $\pm$  1.5%
- \* Efficient: 10 times the efficiency of manual operation
- \* Intuitive: Graphical operation interface, one-key liquid addition

### Technical Parameters:

Model	AMS-01
Dispensing Volume	5-9999 $\mu$ l(1 $\mu$ l increment)
Suitable Plate	8~98 well plate
Dispensing Way	Whole plate or any line, the liquid volume of the specified line can be set
Dispensing Speed	High-middle-low, can be adjustable
Dispensing Pipe	8-channel
Waste Liquid Handling	Movable water liquid slot
Auxiliary Function	Shake, rinse,suck, pipe wash
Display	7 inch touch display
Dispensing Precision	20 $\mu$ l $\leq$ 5%; 100 $\mu$ l $\leq$ 1.5%(96-well plate)
Dispensing Accuracy	20 $\mu$ l $\pm$ 1.5%; 100 $\mu$ l $\pm$ 1%(96-well plate)
Power Supply	220/110V, 50/60Hz
External Size	465*275*280mm
Net Weight	10kg
Packing Size	520*350*350mm
Gross Weight	13kg