



## Automatic Dispenser FM-AD-A100

### Overview

Automatic Dispenser FM-AD-A100 distributes reagent across 8 to 96 well plates. It rapidly delivers 100  $\mu\text{L}$  of sample within 10 seconds. Incorporated with high quality peristaltic pump for precise liquid measurement. Features robotic arm to eliminate manual intervention and minimize contamination. Our Dispenser automates the process of sample handling for high-throughput analysis.

### Specifications :

Dispensing Capacity	5 to 9999 $\mu\text{L}$
Volume Increment	1 $\mu\text{L}$
Plate Compatibility	8 to 96 well plate
Dispensing Precision	20 $\mu\text{L}$ d 5%; 100 $\mu\text{L}$ d 1.5% (96 well plate)
Dispensing Accuracy	20 $\mu\text{L}$ – 1.5%; 100 $\mu\text{L}$ – 1 % (96 well plate)
Dispensing Speed	Adjustable
Dispensing Pipe	8- channel
Waste Liquid Handling	Removable waste collection tray
Auxiliary Function	Shake, rinse, suck, pipe wash
Display	7-inch touch screen
Power Supply	220/110 V, 50/60 Hz
External Size	465 $\times$ 275 $\times$ 280 mm
Packaging Size	520 $\times$ 350 $\times$ 350 mm
Net Weight	10 kg
Gross Weight	13 kg

### Features :

- Graphical operation interface
- 7-inch touch screen display
- Adjustable dispensing speed
- Multiple channels
- Detachable waste collection tray

### Applications :

Automatic Dispenser automates sample preparation process for clinical diagnosis including ELISA, PCR, drug formulation, cosmetics, food and beverage industries.