



# 3100

## Microplate Washer



### WHAT'S NEW

MULTI-CHANNEL

PLATE SHAKING

BUILD-IN INCUBATOR



### Features

- User friendly operation system with large LCD display
- Washes flat, U and V-bottom strips and plate
- 12-way or 8-way manifold, automatic and manual positioning
- Large memory, up to 100 wash protocols can be programmed
- Multi-channel, 1 or up to 3 for wash, 1 for rinse and 1 for waste
- Plate shaking function, time and speed are adjustable
- Two 96-well plate incubation positions (optional)
- Liquid level detection and alert function
- Easy maintenance



# 3100

## Microplate Washer



### Main screen of the system

Version: 1.0	SN: 1234567890
Plate washing	Plate settings
ASPR/DISP	Switch bottle
PRIME	Adv. settings
RINSE	Switch off

### Plate washing parameters

Program No.: 1	Settings
1 (12-F) Plate	12-Pin 350uL
1#, 3Times	BW-N/BW-Y
Single/Double	Asp 2.0/3.0 s
Soak 10/15s	Shk10/15s
*START* to cont., *CANCEL*	

### Plate washing status

Program No.: 1	1/3
Strip No.: 8	
Position: ■■■■■■	
Dispensing...	80%

### Advanced settings screen

Contrast ratio settings
Hang-up settings
Stroke settings
Incubator



### Technical Specifications

Plate Mode	96-/48-well plate or strip
Residual Volume	<1µl
Washing Volume	10~3000µl/well, 1µl by step
Washing Cycle	Maximum 99 cycles
Strip Washing	1 to 12 strips programmable
Soaking Time	0~24hours
Shaking Time	0~24hours
Display	Large LCD
Wash Channels	5 channels, 1 or up to 3 for wash, 1 for rinse and 1 for waste
Memory	100 washing protocols
Interface	RS-232
Power Supply	AC 110/220V±10%, 50~60HZ
Net Weight	13 Kg
Dimension	450MM×390MM×190MM



### Multi-channel design (optional)

- Switch automatically
- User programmable
- Avoid carry-over



### Internal incubator (optional)

- Smart design
- Easy to use

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