

TAYA 100 Series



Automation Western Blot Processor

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The TAYA 100 Series is an automated Western blot processor for incubating and washing membrane blots. The automation system simulates the conventional Western blotting procedures and allows users to customize their protocol settings, such as blocking and antibody incubation duration, washing duration and repeats, and options for recycling antibodies. If operator still prefer the conventional Western blotting procedures in their laboratories, the TAYA 100 Series preserves the techniques and provides consistent results with automation.



Increase Your Western Blot Quality

The TAYA 100 series simply brings your western blots to an impeccable quality. Bridging the gap between manual handling of dispensing and removing reagents from the membrane containers, the TAYA 100 series features fully programmable parameters for western blotting procedure.

Liberate Yourself from the Lab Bench

We are all aware of western blot is a tedious wet work. The TAYA 100 series automates reagents dispensing and removal. From the nitty-gritty of pouring and dumping reagents to monitoring the incubation time of sample blots, the TAYA 100 series ensures precise timing and liquid handling. The blots are ready for detection when you return to your lab bench.

Optional Cooling Chambers Model

The TAYA 100XE model features cooling chambers with temperature control, for storing reagents and incubating membranes at 4°C for a prolonged time. With this model letting a machine processing your Westerns is no longer a dream.





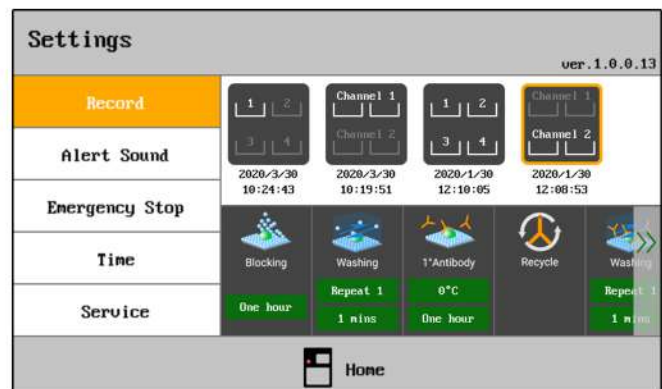
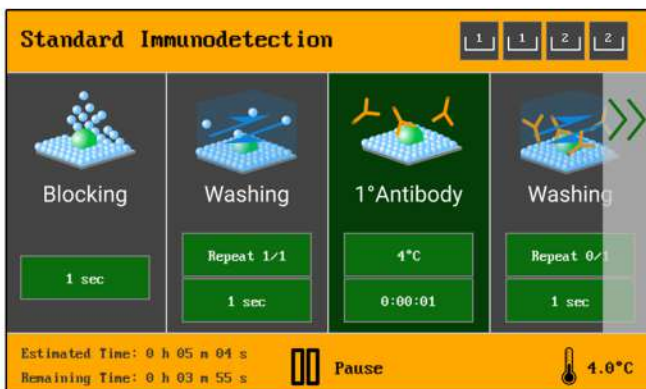
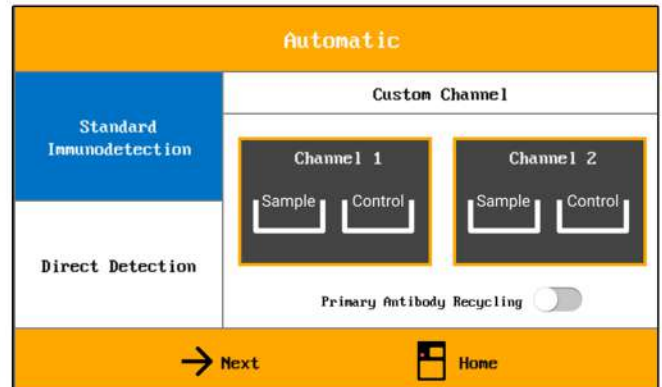
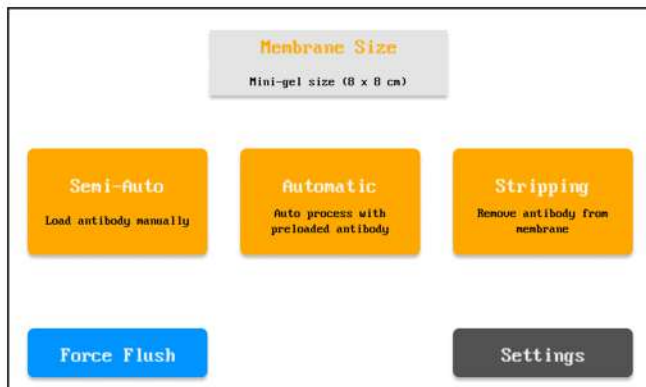
Features

Individual Probes

The individual probes effectively prevent cross-contamination and precisely dispensing, extracting, and recycling reagents, thanks to the diaphragm pumps and valve sets.

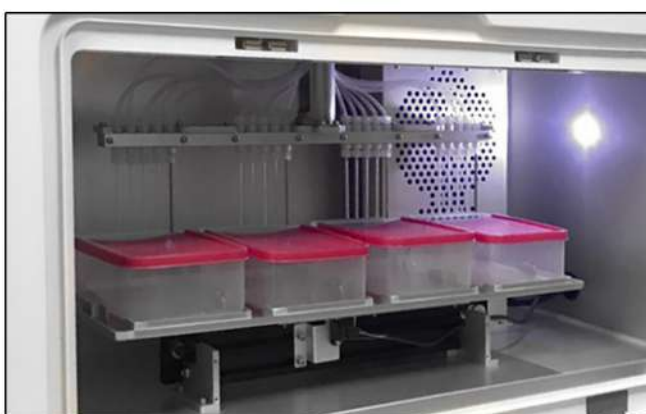
Blot container tray

The blot container tray is a programmable Two-Way Horizontal Shaking Device that can adjust the shaking speed and duration at each incubation or washing stage.



Easy-to-use User Interface

The TAYA 100 series comprises a built-in 7-inch LCD touchscreen computer, which features intuitive user interface and graphical western blotting layout. From the touchscreen, users can program the number of the membranes to use, shaking speed, number of washes, washing duration, and incubation time for each stage.



Specification

	TAYA 100XE	TAYA 100
Peltier controlled Temp. Module	3 sets	N/A, R-T
Workflow mode selection	10 workflow	8 workflow
Control with touch panel	7" LCD display	7" LCD display
System condition display	Yes	Yes
Membrane pan	four	four
Primary Anti-body add	Auto	Manual
Secondary Anti-body add	Auto	Manual
Primary Anti-body recollection	Yes	Yes
Stripping capability	Yes, 37°C	N/A
Auto waste drain	Yes	Yes
Adjustable shaking speed	Yes	Yes
Wash time adjustable	Yes	Yes
Cycles of wash adjustable	Yes	Yes
Temp. of reagent storage chamber	@4°C	RT
Reaction zone	25°C / 0°C selectable	RT
Method save/recall	Yes	Yes
Emergency stop button	Yes	Yes
Dispensing channel	four	four
Waste drain channel	four	four
Operation Temperature	0-45°C	0-45°C
Physical dimensions (W*D*H) mm	720 x 55 x 740	
Power requirement	96 - 240V, 200W	96 - 240V, 120W
Weight	65kg	45kg

The spec is subject to change without prior notice.

Ordering Information

Catalog No.	Description
1075001	TAYA 100 XE, Automated Western Blot Processor, 96-240 V, 50-60 Hz.
1075011	TAYA 100 Western Blot Processor, 96-240 V, 50-60 Hz.



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