

Auto 12

Autoblot Automated Western Blot Processing Station



Features

- Fully automated, after the addition of reagents, the instrument automatically completes blocking of the membrane, the incubation of primary antibodies and second antibodies and washing without manual operation.
- Different incubation tanks are controlled by different independent programs for good repeatability of experiment, each incubation tank is placed with different primary antibodies and secondary antibodies and blocking buffer.
- The incubation tank is removed and installed by sliding in and out of incubation bay, which is flexible and convenient to operate, and greatly reduce the volatilization of antibodies and antibody activity.
- Each incubation tank consists of a divisible combination of tanks for primary antibody and secondary antibody, easy for antibody addition and cycle.
- Pipette workstation type for addition of primary antibody and secondary antibody, pipette is cleaned automatically before each pipette to avoid cross contamination.
- After the program of experiment is finished, the pipelines are cleaning automatically to remove the residual reagent.
- Capacitive touch screen is easy for users, shows real-time of each incubation tank, running status and remaining time of each incubation.
- After incubation, the washing buffer is retained in the incubation tank to maintain low speed vibration to keep the membrane moist.
- There will be sound prompt when key steps and programs are ended.

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Product Specifications

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| Model | Auto 12 Autoblot Western Blot Processing Station |
| High Throughput | At most 12 incubation tanks working simultaneously, max incubation membranes are 24 pcs. |
| Four Modes | (1) Constant temperature mode (2) Ladder temperature mode (3) Room temperature mode, and (4) Washing mode. Samples in different incubation tanks under constant temperature mode and room temperature mode are incubated anachronically. |
| Peltier Temperature Control | 2-40°C temperature adjustment to incubate at 4°C overnight, or to incubate at 37°C quickly. Under ladder temperature mode, there is no need to set temperature for blocking, primary antibody incubation, and secondary antibody incubation. |
| Cycling of primary and secondary antibodies | Automatic cycling of primary and secondary antibodies, cycle rate of up to 95%, repeated use up to 10 times. |
| Antibody Dosage | 2~6 ml (XS incubation tank) 3~8 ml (S incubation tank) 6~ 18 ml (M incubation tank) 9~20 ml (L incubation tank) |
| Incubation Tanks (optional) | 15 × 85 mm (max 12 pcs), 30 × 80 mm (max 12 pcs), 64 × 80 mm (max 6 pcs), 98 × 80 mm (max 4 pcs), and different sizes of incubation tanks can be used mixed. |
| Programmes | Up to 9 |
| Shake Speed Range | 60-110 RPM |
| Dimension | 580 × 360 × 320 mm (L × W × H) |
| Weight | 27.0 kg |
| Catalogue No. | 351000 |

For further information, please contact the Aperbio office nearest you or visit our website at aperbio.com

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