# Table Top Full-automatic Glassware Washer

## 一、Product presentation

The benchtop glassware washer can be placed on or embedded in a laboratory bench, enabling the cleaning of laboratory glassware at any time, and can be used immediately after use. It can be widely used in laboratories of universities, research institutions, government testing facilities, factories and enterprises where the amount of cleaning is small and rapid cleaning is required.

## 二、Product Parameter

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| Model Number | AST-XPJ-60 | Effective volume (L) | 110 |
| Dimensions (W*D*H) mm | 530*665*657 | Internal dimensions (W*D*H) mm | 468*447*436 |
| Voltage (V/Hz) | 220/50 | Cleaning height (mm) | 235 |
| Circulation Pump Power (KW) | 0. 25 | Water heating power (KW) | 3 |
| Power Plug Type | 16A plug | Operating environment (° C) | 5-35 |

## 三、Product Features

1. Compact and lightweight, easily lifted by two people; can be placed on or embedded in a laboratory bench. The outer shell is made of 304L stainless steel, and the cleaning chamber is made of 316L stainless steel, corrosion-resistant and easy to clean.
2. The cleaning chamber can accommodate a cleaning rack, allowing for on-demand cleaning. It can clean 126 test tubes or liquid chromatography bottles at a time.
3. The recessed bottom design features dual water inlets, allowing simultaneous connection to tap water and pure water. The pure water system has a built-in booster pump, eliminating the need for external pressurization.
4. Microcomputer control with a color LCD screen. The ergonomically designed tilt angle of the control panel. Button-operated for easy operation. The large LCD screen displays a Chinese interface and offers three cleaning modes: fast, standard, and enhanced. Users can independently set the cleaning time, water temperature, and cleaning solution dosage.
5. The cleaning pump is a professional European-imported circulating pump, providing strong flushing power and low water consumption, with a single circulation volume of approximately 10L.
6. The cleaning system uses a rear-supply, centrally distributed water structure, ensuring uniform water output from each spray column and consistent cleaning of the containers.
7. The cleaning basket is flexibly connected to the main unit, with PTFE (polytetrafluoroethylene) connectors for excellent sealing, corrosion resistance, and high-temperature resistance, resulting in more stable cleaning results.

8. The parallel distribution of spray columns in the cleaning basket allows for greater cleaning volume and easier container placement.
9. Rotating spray arms at the top and bottom of the cleaning chamber clean the inner and outer surfaces of the containers. The three rotating arms are arranged in a fan shape for more thorough spraying.
10. The cleaning heating power is 3KW, with a temperature rise of up to 5℃ per minute, providing rapid heating and faster cleaning.
11. The cleaning heating temperature is adjustable, with a maximum temperature of 93℃, achieving disinfection levels.
12. A safety door lock design prevents accidental opening and scalding during cleaning; an emergency opening function allows for easy removal of containers during power outages.
13. Comprehensive protection functions, including alarms for low cleaning agent, open door, overflow, and insufficient water intake, all with Chinese prompts and alarm reminders.