# Laboratory Glassware Washer



## Recommended Configuration

- WD-220: CWR-HU+CWIR-H18+CWIR-H08 +CWR-HL+CWIR-H66+CWIR-H160
- WD-320: (WR-HU+CWIR-H18+CWIR-H08) ×2 +CWR-HL+CWIR-H66+CWIR-H160





## Specification

| Model | | | WD-220 | WD-320 |
|---|---|---|---|---|
| Capacity (L) | | | 280 | 380 |
| Display | | | 7inch LCD touch screen | |
| Standard Program | | | 40 units | |
| Self-defined Program | | | 200 units | |
| Data Files | | | Cleaning program files, Cleaning record files, Monitor files | |
| Storage | | | Yes | |
| Permission management system | | | Three level | |
| Printer | | | No, with USB interface | |
| Drying | Drying system | | Heat exchange system | |
| | Drying Time Range | | 0 to 30 mins | |
| | Drying Temp Range | | RT to 120 °C | |
| | Drying Method | | Hot air injection via Sprinkler | |
| Water inlet pipe | Quantity | | 2 | |
| | Length | | 3 m | |
| | Material | | PVC | |
| | Flow Rate (L/min) | | 0–800 | 0–1000 |
| | Consumption | | 1.5 kW | |
| Pipeline Pressure Monitoring | | | Optional | |
| Structure | Material | External | 304 stainless steel | |
| | | Cleaning chamber | 316 stainless steel | |
| | Door | | Electric Control Door Lock | |
| | Foot | | 4×Swivel Casters and 4×Leveling Feet | |
| Cleaning Layer | | | 2 layer | 3 layer |
| Effective Loading Height (mm) | | | 268/238 (2 layer) | 237/237/237 (3 layer) |
| Air Heating | | | 3.6 | 3.6 |
| Power Supply | | | 380/220/110 V, 50/60 Hz | |
| Consumption (kW) | | | 6/16 | 7/17 |
| Internal Size (W×D×H)(mm) | | | 600×640×820 | 600×640×1070 |
| External Size (W×D×H)(mm) | | | 695×895×1840 | 695×895×1866 |
| Shipping size (W×D×H)(mm) | | | 840×1050×2030 | 840×1050×2150 |
| N.W./G.W. (kg) | | | 240/330 | 257/350 |



## Intelligent Control Platform (Optional)

- Intelligent Rack Recognition: Identifies the wash rack and automatically adjusts the water volume for the wash cycle.
- Intelligent Pressure Monitoring: Displays real-time values for circulation water pressure and drying airflow pressure.
- Intelligent Spray Arm Speed Monitoring: Monitors spray arm rotation speed in real-time and triggers an alarm if the speed drops too low.
- Intelligent Inlet Water Pressure Monitoring: Checks pressure during the water intake phase and triggers an alarm if the pressure is too low.
- Rapid Wash Function: Reduces the cycle time by 20–30 minutes compared to standard wash processes.

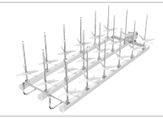
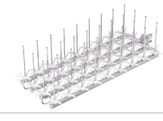
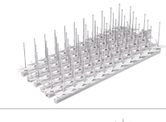
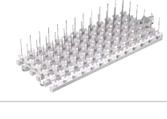
## Part A: Racks

For WD-220, you can chose 2 Racks in total, For WD-320, you can chose 3 Racks in total

| Name | Model | Feature | Capacity | Detail |
|---|---|---|---|---|
| Upper Rack | CWR-HU | With 2 docking water inlets | Capable of place 1/2 sets of cleaning basket from Part B |  |
| Lower Rack | CWR-HL | | |  |
| Middle-Lower Layer Rack | CWPDR-HL | | |  |

## Part B: Baskets

For WD-220, you can chose 4 Baskets in total, For WD-320, you can chose 6 Baskets in total

| Name | Model | Injection Nozzle Spacing | Recommended specification | Detail |
|---|---|---|---|---|
| 2×4-position injection | CWIR-H08 | 130×130 mm | 250–1000 mL Volumetric flasks, triangular flasks, conical flasks, round-bottom flasks |  |
| 3×6-position injection | CWIR-H18 | 87×90 mm | 10–500 mL Volumetric flasks, triangular flasks, conical flasks, round-bottom flasks |  |
| 4×9-position injection | CWIR-H36 | 60×60 mm | 10–250 mL Volumetric flasks, triangular flasks, conical flasks, round-bottom flasks |  |
| 6×11-position injection | CWIR-H66 | 47×48 mm | Volumetric flasks, washable test tubes |  |
| 6×13-position injection | CWIR-H78 | 40×40 mm | Volumetric flasks, washable test tubes |  |