

Manual Door Cage & Rack Washer Technical parameter

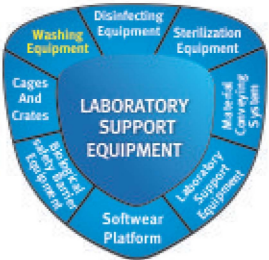
Specifications	Model	BWS-C-S1500	BWS-C-S5000	BWS-C-S6000	BWS-C-S7000
Chamber dimension(L×W×H)mm		1200×820×1300	2000×960×2000	2100×1200×2100	2300×1200×2200
Overall dimension(L×W×H)mm		1420×1950×1730	2220×2090×2430	2320×2330×2530	2520×2330×2630
Door opening		Manly hinge	Manly hinge	Manly hinge	Manly hinge
Door closure		The expansion seal	The expansion seal	The expansion seal	The expansion seal
Isolation		Achievable	Achievable	Achievable	Achievable
Water consumption		55L/step	110 L/step	130 L/step	150 L/step
Temperature of hot water		≤90°	≤90°	≤90°	≤90°
Electricity power		380V/17kw 220V/1kw	380V/20kw 220V/1kw	380V/20kw 220V/1kw	380V/20kw 220V/1kw
Steam pressure		0.3-0.5Mpa	0.3-0.5Mpa	0.3-0.5Mpa	0.3-0.5Mpa
Steam flow		200Kg/h	260Kg/h	260Kg/h	260Kg/h
Water	Pressure 0.2-0.5Mpa (pure water prior) , flow 100L/min				
Compressive air	Pressure 0.4-0.7Mpa, flow 100L/min				

Sliding Door Cage & Rack Washer Technical parameter

Specifications	Model	BWS-C-H1500	BWS-C-H5000	BWS-C-H6000
Chamber dimension(L×W×H)mm		1200×820×1300	2000×960×2000	2100×1200×2100
Overall dimension(L×W×H)mm		1700×2160×1900	2500×2400×2400	2600×2900×2500
Door opening		Auto sliding	Auto sliding	Auto sliding
Door closure		Mechanical seal	Mechanical seal	Mechanical seal
Water consumption		55L/step	110 L/step	130 L/step
Temperature of hot water		≤90°	≤90°	≤90°
Electricity power		380V/17kw 220V/1kw	380V/20kw 220V/1kw	380V/20kw 220V/1kw
Steam pressure		0.3-0.5Mpa	0.3-0.5Mpa	0.3-0.5Mpa
Steam flow		200Kg/h	260Kg/h	260Kg/h
Water	Pressure 0.2-0.5Mpa (pure water prior) , flow 100L/min			
Compressive air	Pressure 0.4-0.7Mpa, flow 100L/min			

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## BWS-C Series Cage & Rack Washer



## Large capacity, cleaning thoroughly, focused on animal laboratory industry



BWS-C Series Cage & Rack Washer apply to the field of laboratory animal and pharmacy. According to the structural characteristics of animal cages, racks, containers and animal cages and other large objects need to be washed, SHINVA specifically designed this series of products capable of achieving automatic cleaning, disinfecting and drying.

Apply to such as metal and plastic objects with cleaning effect. Washable objects are as follows (not only these): IVC cage, Rabbit cage, IVC rack, Large animal cage(pig, dog, monkey), Normal cage, handcart Normal rack, Operating platform, Other stainless steel products.

- **Wide application**  
The volume ranges from 1500L to 7000L; The dimension could be made as requirement of customer.
- **High effective and rapid**  
Built-in quick cleaning program, it can be finished cleaning and drying in 15 minutes.
- **Completely cleaning effect**  
The cleaning pipeline and rinsing pipeline completely separated design, to wash use 3 bar high pressure water flow. On both sides and top of inner chamber, equipped with 136 rotary high pressure fan nozzle, 360 ° no dead Angle spray cleaning; clean water temperature of 65 °C (water temperature adjustable), best cleaning decontamination temperature balance best detergent activity; According to different cleaning items, can choose add acidic, neutral or alkaline agent.
- **High levels disinfection**  
Using the high temperature of 80 °C or higher water to high levels of disinfection, cleaning items A0 value > 3000, can kill all bacteria and microbes, and can kill , most of the spores .
- **Comprehensive security protection**  
There are multiple protections and warnings. If an emergency, worker inside can cut down the electricity power through pressing the emergency button. Equipment has multiple security protection, such as water level, an abnormal temperature fan, circulating pump, heating tube overload protection, s to ensure the safety of equipment.



- **Design of energy saving**  
Design of water saving; choose different nozzle for different washing step. The equipment can recover final rinse water for next step washing water. Equip with a high efficiency heat exchanger completely exchanging potential and the heat energy. Patent design of circulating heating system saved a lot of electricity and steam.
- **Auto inclined system**  
Chassis of cabin could become inclined to discharge the wasted water and shorten the drying time.
- **Noise reduction design**  
The washing chamber, sealing door use multiple noise insulation process, the whole machine running noise below 70dB.
- **Unique design of strainer**  
Aiming at the characteristic of much impurities of washing objects, SHINVA designed self-washing strainer auto-cleaning filter.
- **Excellent drying effect**  
Using multi-level of heating system in the drying process to improve the chamber temperature to the set point and save the drying time. Preheating system auto-eliminate the negative effect of environment to drying.
- **Unique hot air distribution system**  
Air distribution system to ensure hot air flow uniformly, can make the cleaning items without temperature difference to the drying temperature, to ensure the drying effect.
- **Large size man-machine interface**  
Vivid and intuitive expression equipment running status, record and storage equipment operation parameters.
- **Perfect customer service system**  
The equipment installation testing, installation qualification and operational qualification certification work could be provided by engineers on site.



### BWS-C-S Cage & Rack Washer

- Manual sealing door, Firm structure, reliable operation, and noise insulation good effect
- The expansion sealing, reliable sealing effect
- Save space, can meet needs of different customers
- Interlock function, realizes the isolation requirements
- Could add a function of H2O2 disinfectant

### BWS-C-H Cage & Rack Washer

- Right-left sliding door design, easy to operate, interlock function
- The sealing door use Double-layer tempered glass, easy to observe the washing items
- Sealing clamp structure design, to ensure the reliability of the seal
- Automatic threshold design, automatic filling the gap sealing door, achieve barrier-free cart enter into chamber

