

Order No		
Specs	BWS-L-S1200	BWS-L-S1500
Overall dimension (L × W × H) mm	710 × 1680 × 1850	860 × 1980 × 1850
Chamber dimension (L × W × H) mm	600 × 1180 × 850	750 × 1480 × 850
Capacity	24 cages	40 cages
Runnigtime (rapidcycle)	4–6min	
Cleaningtemp	60℃ (adjustable)	
Power supply	380VAC, 50HZ, 5KW (steam heating) / 23KW (electric heating)	
Water supply	Pressure: 0.2–0.5Mpa, Flow rate: 25L/min	
Steam south supply	Pressure: 0.3–0.5Mpa, Flow rate: 60Kg/h	
Compressed air supply	Pressure: 0.4 ~ 0.7Mpa , Flow rate: 100L/min	

Developed Assembled & Manufactured by
ATNT Laboratories in technical collaboration with
Shinva Medical P.R. China
ISPA engineering Pvt Ltd India
Wagle Industrial Estate, Mumbai
Thane -400604 Maharashtra India

ATNT Laboratories
Unit # 812, Excellencia Lodha Supremus 1,
Rd No.22, Wagle Estate, Mumbai, Thane - 400604, India.
Mob. No. +91 - 9892520959
Tel. +91-22-25830958 / + 91-22-25830959
Email ID : info@atntlabs.com, ashutosh@atntlabs.com
Web : www.atntlabs.com



Cleaning Equipment
BWS-L-S series
Rapid Cage and Bottle Washer
FOR HEALTH BE CREDIBLE



BWS-L-S1000 rapid cage box cleaning machine is a fully automatic cage box cleaning equipment specially designed and developed according to the requirements of cage box cleaning in the experimental animal industry. It adopts the high-pressure and large-flow hot water spraying method to realize the automatic spraying cleaning of cage box, lid, metal grid rack, drinking water bottle, bottle stopper and other items.

Specially used in experimental animal centers

- Manual door opening and closing design, upper and lower to open door structure, occupying small space, more adapt to the characteristics of compact cleaning space in the center of experimental animals, a working platform is formed after the door is opened for placing cleaning items loading rack;
- 4-6 minutes of rapid cleaning procedure, each time up to 40 mice IVC cage boxes can be cleaned, meeting the requirements of rapid cleaning;
- Aiming at the problem of residual waste bedding material of animal cage box, the design of portable double layer filter structure is specially designed to avoid pipe blockage.
- For different pollutants in the cage, different automatic cleaning procedures are preset for the equipment, which is convenient for users to select and use flexibly.

High work efficiency

- Equipped with preheating tank, reduce the water heating time;
- Patent design of high efficiency heat exchanger, reduce the heating time, improve energy utilization;
- Optimize the overlapping time of different stage of cleaning process, without the auxiliary time such as water and drainage, to achieve the most efficient cleaning.

Good cleaning effect

- Imported large flow, high pressure circulating pump, to provide a steady high pressure water, ensure the cleaning effect;
- Hot water spray cleaning and rinsing, ensure that after completion of cleaning items clean with no residue;
- Hygiene grade pipeline, not easy to breed bacteria, three layer of six groups of rotating arm design, no cleaning corner;
- Automatic quantitative filling cleaner, more efficient cleaning thoroughly.

High degree of automation

- Siemens control system, color touch screen HMI interface, automatic operation, dynamic display of work process and working process of the parameters such as temperature, time, operation process without manual intervention;
- Temperature, liquid level, parts working status, technological process, energy supplies, such as on-line monitoring, abnormal situation acousto-optic alarm prompt.

Energy saving

- Final rinse water recycling for the next cleaning, to save water;
- Patent design cycle of heating system, reduce steam consumption, save energy;
- Cleaning out the surface with a good performance of insulation materials, effectively reduce heat loss and lower noise.

Safety

- Door sealing adopts active inflated structure, good sealing effect, prevent the water leakage;
- The program cannot be started if door does not close, door can be opened after the program completed to ensure safety;
- Double deck glass observation window, heat insulation explosion protection, easy to observe state of cleaning items;
- Equipment front panel with abrupt stop button, emergency stop device, to prevent accidental damage.

Quality

- Control system, circulating pumps, sensors, valves and other key parts adopt high quality international brands, ensure reliable operation;
- Chamber is made of stainless steel material, robot automatic welding forming, long service life, is not easy to deformation.

Perfect after-sales service

- Perfect after-sale service network, customer service personnel after receiving phone, the malfunction in time, ensure the safety work of animal house;
- May coordinate the equipment installation testing, installation qualification and operational qualification activities, on-site service engineers.

