







STIER excels in manufacturing automated cleaning instruments and devices, delivering expert cleaning products and services. Its portfolio includes laboratory glassware washers, washers for animal labs, and washers for medical purposes.

Dedicated to offering specialized cleaning solutions for laboratories, STIER adapts cleaning basket racks to suit a wide range of client needs and compliance standards. Boasting a team of experienced engineers, STIER brings a wealth of experience in cleaning applications spanning multiple sectors, a deep grasp of regulatory frameworks, and the expertise to craft customized cleaning solutions addressing the distinct challenges of its clients.

STIER has established a wholly-owned modern factory in the Guang-dong-Hong Kong-Macau Greater Bay Area of China. The Greater Bay Area is the economic center and technological innovation hub of southern China, bringing together advanced manufacturing industries from around the world.



Laboratory Glassware Washer is precisely the powerful assistant that laboratories need.

Automated Washing Programs

Through its automated programs and efficient washing, lab glassware can be washed quickly, thus avoiding the oversights and cumbersome nature of manual washing, while also improving operational efficiency.

Analytical Grade Cleanliness

It ensures the cleanliness of laboratory glassware to analytical grade cleanliness and eliminates interference for analytical testing.

Enclosed Cleaning System

The enclosed cleaning space minimizes any potential hazards to personnel and avoids health hazards caused by harmful reagents and cleaning agents.



STIER

Automatic Laboratory Glassware Washer

STIER Automatic Laboratory Glassware Washer uses a new generation of back water supply structure, providing more powerful washing power and larger cleaning capacity.

Multiple categories and models available to meet various cleaning needs. Easily realizes washing and helps laboratories achieve trace or ultra-trace cleaning, requirements.

At the same time, it saves a lot of water and consumable expenses, helping laboratories to reduce operating costs. Moreover, it can run stably for a long time, saving the trouble of frequent maintenance, so it is a good helper for scientists and researchers.



High-Efficiency Cleaning



Energy-Saving Operation



Durable and Stable Performance



Product Features



5D Non-Destructive Intelligent Cleaning

Optimized design comprising power, temperature, drying, water quality, and the cleaning solution

Does not damage glassware



Patented condenser

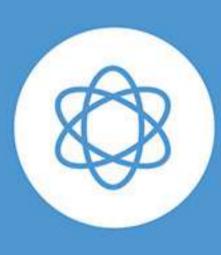
Avoid venting of vapors into the room

Operates independently of the ventilation system



Hot Air Drying

Semiconductor-guided drying system No pollutant precipitation Eliminates Separate Drying Workflow



Intelligent Water Softener

Softens tap water Direct use of tap water for cleaning Save pure water usage



Wide Selection of Basket Racks

Provide the largest variety of rack options Adaptable to different glassware Customizable basket racks



Peristaltic Pump

Avoid crystallization of the cleaning solution inside Neoprene tube, acid and alkali resistant









Customized Cleaning Solution

Professional R&D team Customized cleaning method for special samples



Exceptional Cleaning Result

Higher levels of cleanliness
Suitable for all types of laboratories
Suitable for LC, GC, LC-MS/MS, and other lab
glassware cleaning



FUNCTION PARSING







Rear Water Supply Design

NEW GENERATION WATER SUPPLY
SYSTEM

SHORTER FLOW PATH, STRONGER CLEANING ENHANCED CLEANING PERFORMANCE





Flexible Rack Combination

LEGO-STYLE MODULARITY
SIMULTANEOUS WASHING FOR
DIVERSE GLASSWARE





Individually Adjustable Racks

HEIGHT-ADJUSTABLE PER RACK CUSTOM RACKS FOR DIFFERENT GLASSWARE

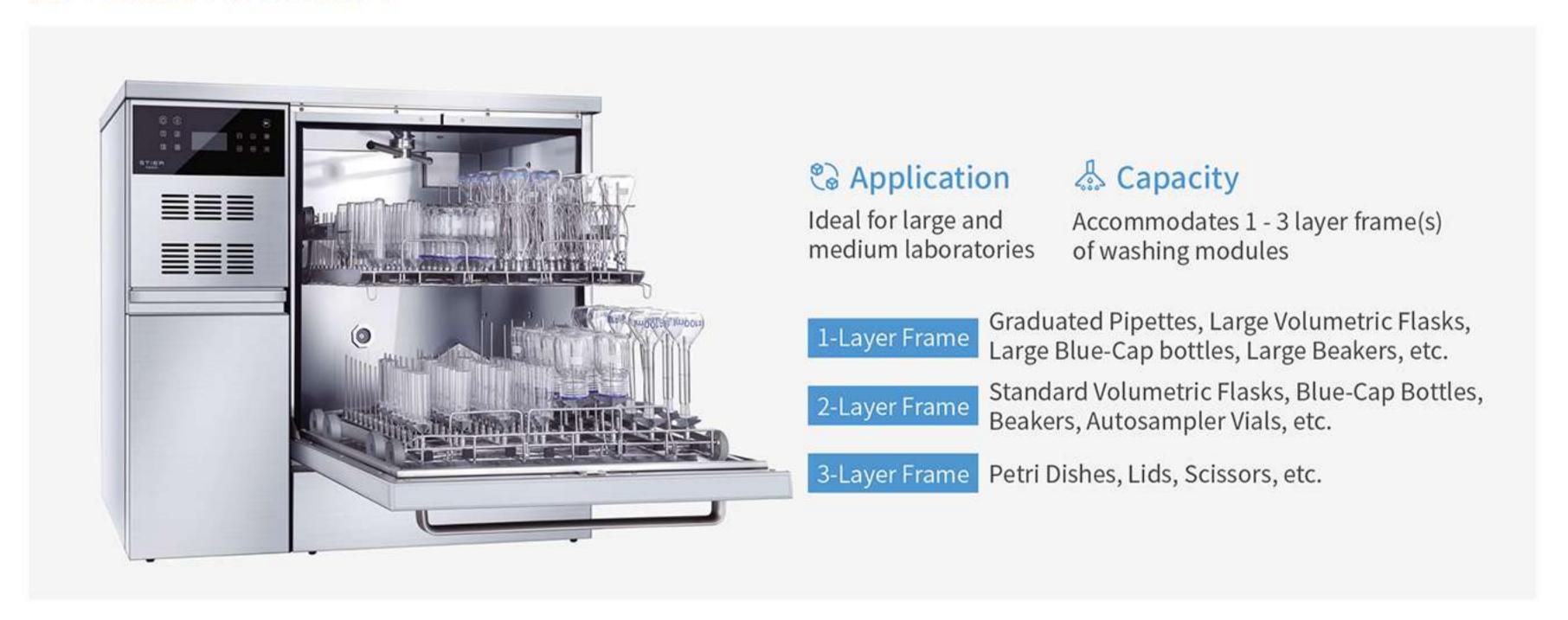
OPTIMIZED CLEANING EFFICIENCY

S8000D





Product Parameters



S8000D		
External Diameter[mm]	W900 *D700 *H870 (850)	
External Material	304 Stainless Steel, Fingerprint-Resistant	
Inner Chamber Material	316 Stainless Steel	
Drying Method	Hot Air Drying	
Power Supply	3N AC 380 V 50 Hz /AC 220 V 50 Hz	
Rated Power[kW]	9 / 6.5	
Heating Power[kW]	8 / 5	
Water Softener	Standard, Built-in	
Steam Condenser	Standard, Built-in	
Detegent Level Sensor	Standard, Built-in	
Detegent Distrubution Pump	Standard, Built-in	
Nosie[dBA]	≤70	
Weight[kg]	130	
HEPA Filiter	Optional	
Conductivity Sensor	Optional	



S4000

Automatic Laboratory Glassware Washer

Product Parameters

Ideal for large and Accommodates 1 - 3 layer frame(s)

medium laboratories of washing modules

Graduated Pipettes, Large Volumetric Flasks, 1-Layer Frame Large Blue-Cap bottles, Large Beakers, etc.

Standard Volumetric Flasks, Blue-Cap Bottles, 2-Layer Frame

Beakers, Autosampler Vials, etc.

3-Layer Frame Petri Dishes, Lids, Scissors, etc.



S4000	
External Diameter[mm]	W600 * D700 * H920
External Material	304 Stainless Steel, Fingerprint-Resistant
Inner Chamber Material	316 Stainless Steel
Drying Method	Residual Heat Drying/Hot Air Drying
Power Supply	3N AC 380 V 50 Hz /AC 220 V 50 Hz
Rated Power[kW]	9 / 6.5
Heating Power[kW]	8 / 5
Water Softener	Standard, Built-in
Steam Condenser	Standard, Built-in
Detegent Level Sensor	Standard, Built-in
Detegent Distrubution Pump	Standard, Built-in
Nosie[dBA]	≤70
Weight[kg]	95
HEPA Filiter	Optional
Conductivity Sensor	Optional

L3000/L3000D

Automatic Laboratory Glassware Washer





Application A Capacity

Ideal for large laboratories, Accommodates 1 - 4 layer frame(s) large glassware of washing modules

1-Layer Frame Large labware, Oversized containers, etc.

2-Layer Frame Graduated Pipettes, Large Volumetric Flasks, Large Blue-Cap bottles, Large Beakers, etc.

3-Layer Frame
Standard Volumetric Flasks, Blue-Cap Bottles, Beakers,
Autosampler Vials, etc

4-Layer Frame Petri Dishes, Lids, Scissors, etc.

S4000/S400CD		
External Diameter[mm]	W680 * D780 * H1690	
External Material	304 Stainless Steel, Fingerprint-Resistant	
Inner Chamber Material	316 Stainless Steel	
Drying Method	Residual Heat Drying/Hot Air Drying	
Power Supply	3N AC 380 V 50 Hz /AC 220 V 50 Hz	
Rated Power[kW]	11 / 7	
Heating Power[kW]	9 / 5	
Water Softener	Standard, Built-in	
Steam Condenser	Standard, Built-in	
Detegent Level Sensor	Standard, Built-in	
Detegent Distrubution Pump	Standard, Built-in	
Nosie[dBA]	≤70	
Weight[kg]	150	
HEPA Filiter	Optional	
Conductivity Sensor	Optional	



Product Parameters

% Application

Ideal for medium and small laboratories

♣ Capacity

Accommodates 1 layer frame of washing modules

1-Layer Frame

Graduated Pipettes, Volumetric Flasks, Blue-Cap Bottles, Beakers, Autosampler Vials, Petri Dishes, Lids, Scissors etc.



S20/S	S20D
External Diameter[mm]	W600*D600*H690
External Material	304 Stainless Steel, Fingerprint-Resistant
Inner Chamber Material	316 Stainless Steel
Drying Method	Residual Heat Drying/Hot Air Drying
Power Supply	220 V
Heating Power[kW]	3
Washing Pump Power[kW]	0.3
Total Power [kW]	3.3
Water Supply	Cold Water, Hot Water, or Purified Water
Connector	International Quick Connector
Tap Water Pressure Requirement[MPa]	0.04-1.00
Nosie[dBA]	≤70
Weight[kg]	55
HEPA Filiter	Optional
Conductivity Sensor	Optional

Basket Rack

The Right Basket Rack is the Key to Washing

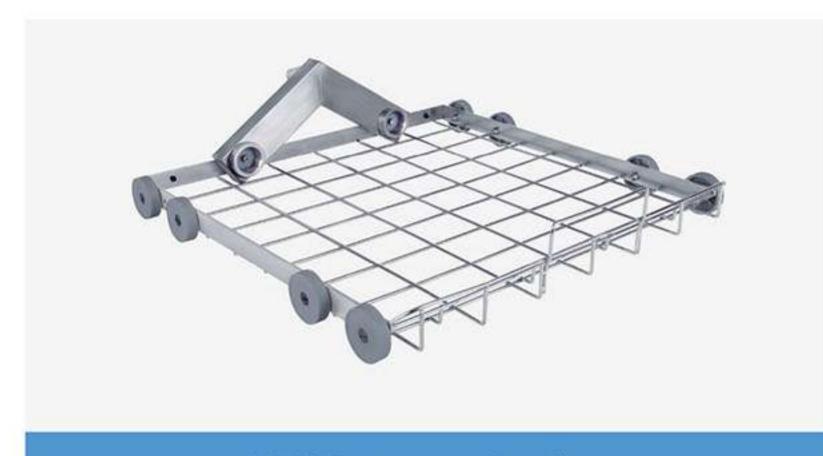
Why do we need different basket racks?

- Center the glassware
- Maintain the right distance between the bottom of the glassware and the nozzle
- Easily accessible



U100 Upper Basket

Hold 1-2 wash modules or basket racks



U100 Lower Basket

Hold 1-2 wash modules or basket racks



U101 Upper Basket (with Spray Arm)

Hold C56, C2, C3



L300 Three-Tier Basket

Hold C56, C2, C3



A204A 2×4 Module

Suitable for Volumetric Flasks, Erlenmeyer Flasks, Round-Bottom Flasks, Schott Bottles, Measuring Cylinders, Test Tubes, etc.

(6*210 mm, Stainless Steel Flower-Shaped Holder)

8 Nozzles (N60210 Nozzle, D6 mm, H210 mm)

8 Holders (S60SF 6.0 Stainless Steel Flower-Shaped Holder)

8 Clamps (C60SL 6.0 Ladder Clamp)



A204B 2×4 Module

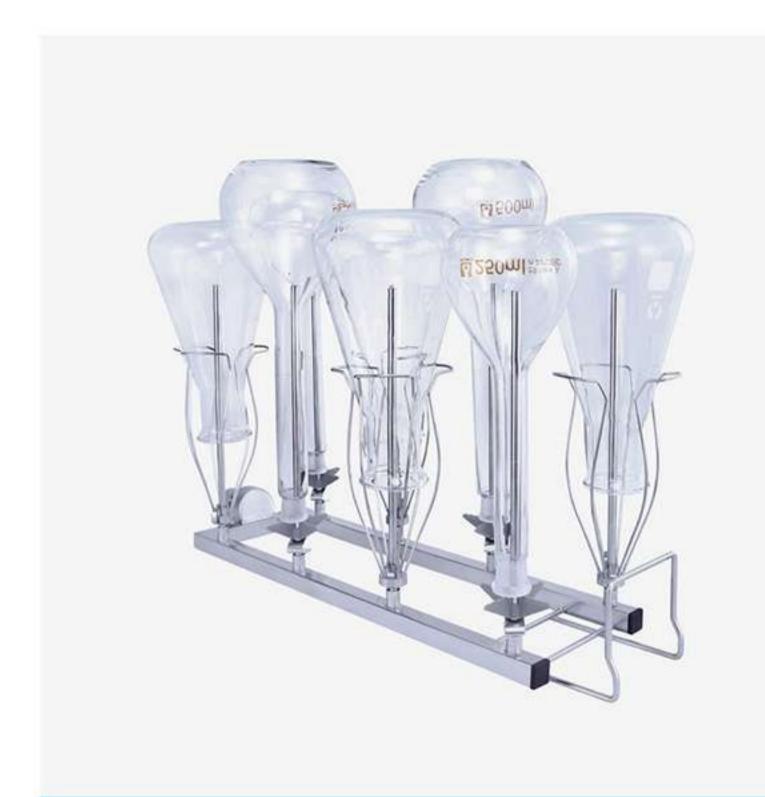
Suitable for Volumetric Flasks, Cylinders, Test Tubes, etc.

(6*210 mm, POM Cross Support)

8 Nozzles (N60210 Nozzle, D6 mm, H210 mm)

8 Support (S60PC 6.0 POM Cross Support)

8 Clamps (C60ST 6.0 Triangle Clamp)

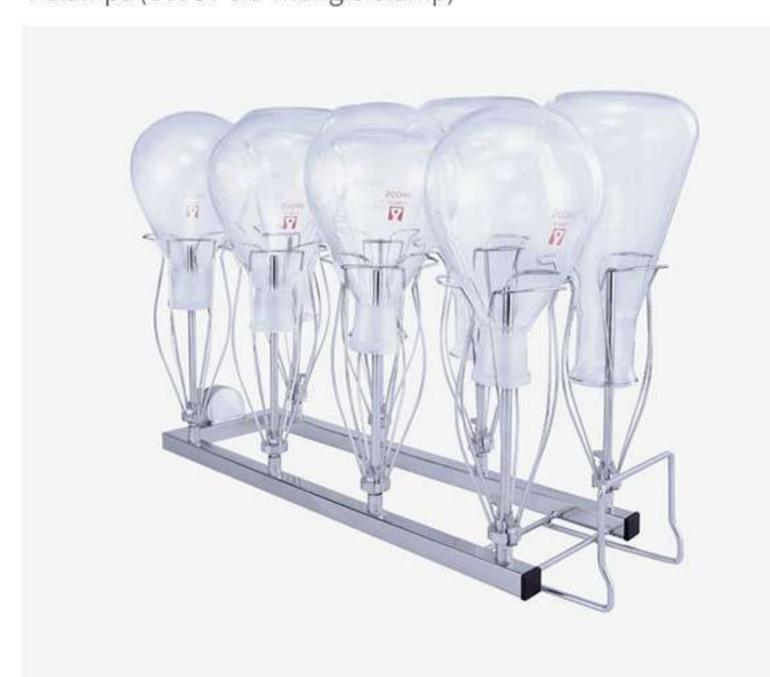


A204X1 2×4 Module

Suitable for Volumetric Flasks, Erlenmeyer Flasks, Round-Bottom Flasks, Schott Bottles, Measuring Cylinders, Test Tubes, etc.

(6*210 mm, Stainless Steel Flower-Shaped Holder*4+ POM Cross Support*4)

- 8 Nozzles (N60210 Nozzle, D6 mm, H210 mm)
- 4 Holders (S60SF 6.0 Stainless Steel Flower-Shaped Holder)
- 4 Support (S60PC 6.0 POM Cross Support)
- 4 Clamps (C60SL 6.0 Ladder Clamp)
- 4 Clamps (C60ST 6.0 Triangle Clamp)



A204C 2×4 Module

Suitable for Volumetric Flasks, Erlenmeyer Flasks, Round-Bottom Flasks, Schott Bottles, Measuring Cylinders, Test Tubes, etc.

(6*150 mm, Stainless Steel Flower-Shaped Holder)

8 Nozzles (N60150 Nozzle, D6 mm, H150 mm)

8 Holders (S60SF 6.0 Stainless Steel Flower-Shaped Holder)

8 Clamps (C60SL 6.0 Ladder Clamp)



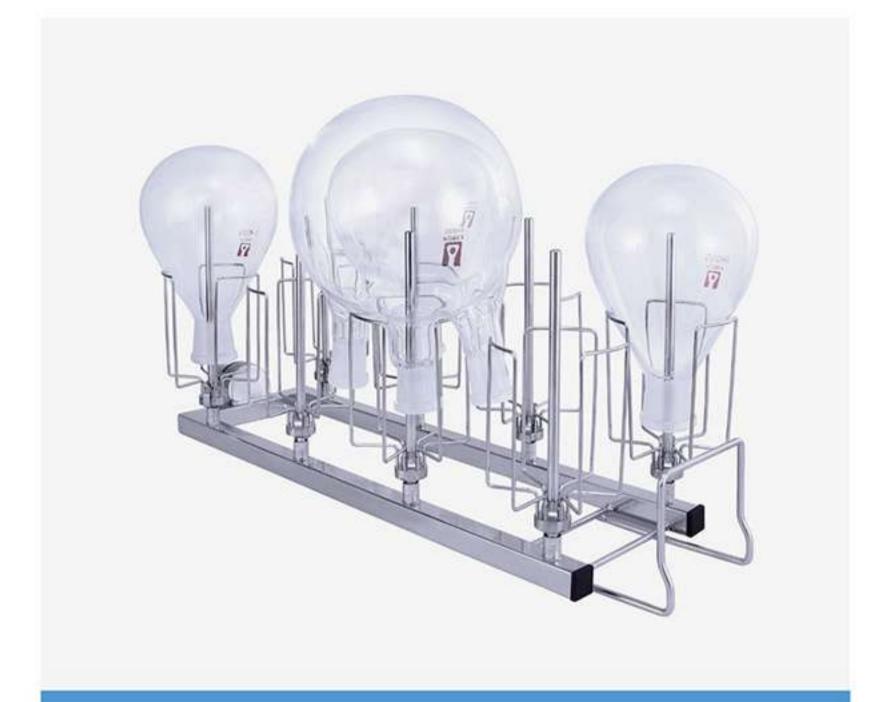
A204X3 2×4 Module

Suitable for Volumetric Flasks, Erlenmeyer Flasks, Round-Bottom Flasks, Schott Bottles, Measuring Cylinders, Test Tubes, etc.

(6*150 mm, Stainless Steel Flower-Shaped Holder*4+ POM Cross Support*4)

8 Nozzles (N60150 Nozzle, D6 mm, H150 mm)

- 4 Holders (S60SF 6.0 Stainless Steel Flower-Shaped Holder)
- 4 Support (S60PC 6.0 POM Cross Support)
- 4 Clamps (C60SL 6.0 Ladder Clamp)
- 4 Clamps (C60ST 6.0 Triangle Clamp)



A204E 2×4 Module

Suitable for Volumetric Flasks, Erlenmeyer Flasks, Round-Bottom Flasks, Schott Bottles, Measuring Cylinders, Test Tubes, etc.

(6*150 mm, Large Stainless Steel Square Holder)

8 Nozzles (N60150 Nozzle, D6 mm, H150 mm)

8 Holders (S60SSL 6.0 Large Stainless Steel Square Holder)

8 Clamps (C60SL 6.0 Ladder Clamp)



A306A 3×6 Module

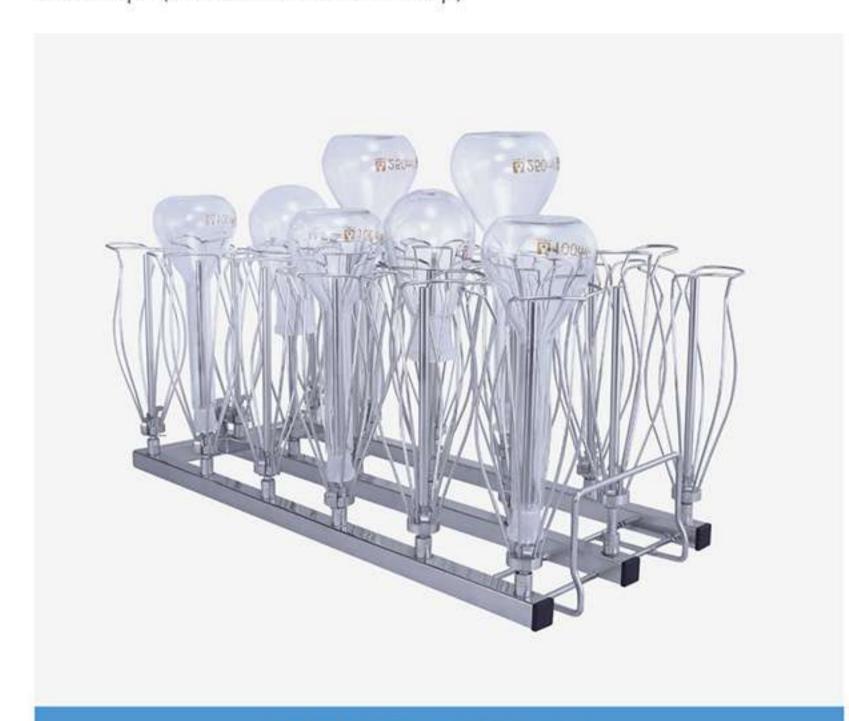
Suitable for Volumetric Flasks, Erlenmeyer Flasks, Round-Bottom Flasks, Schott Bottles, Measuring Cylinders, Test Tubes, etc.

(6*210 mm, Stainless Steel Flower Holder)

18 Nozzles (N60210 Nozzle, D6 mm, H210 mm)

18 Holders (S60SF 6.0 Stainless Steel Flower Holder)

18 Clamps (C60SL 6.0 Ladder Clamp)



A306C 3×6 Module

Suitable for Volumetric Flasks, Erlenmeyer Flasks, Round-Bottom Flasks, Schott Bottles, Measuring Cylinders, Test Tubes, etc.

(6*150 mm, Stainless Steel Flower Holder)

18 Nozzles (N60150 Nozzle, D6 mm, H150 mm)

18 Holders (S60SF 6.0 Stainless Steel Flower Holder)

18 Clamps (C60SL 6.0 Ladder Clamp)



A306B 3×6 Module

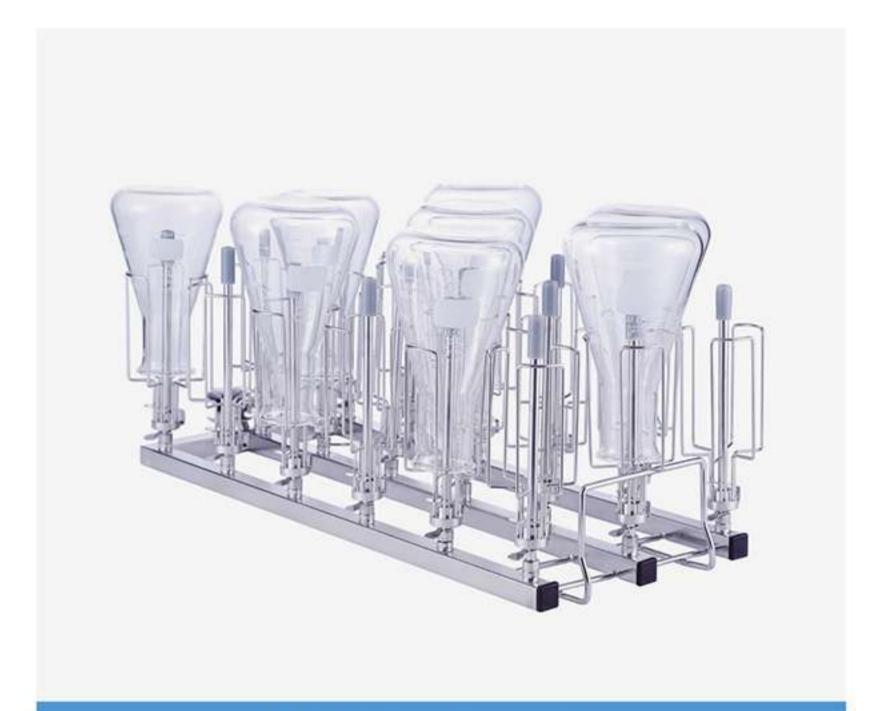
Suitable for Volumetric Flasks, Measuring Cylinders, Test Tubes, etc.

(6*210 mm, POM Cross Support)

18 Nozzles (N60210 Nozzle, D6 mm, H210 mm)

18 Supports (S60PC 6.0 POM Cross Support)

18 Clamps (C60ST 6.0 Triangle Clamp)



A306D 3×6 Module

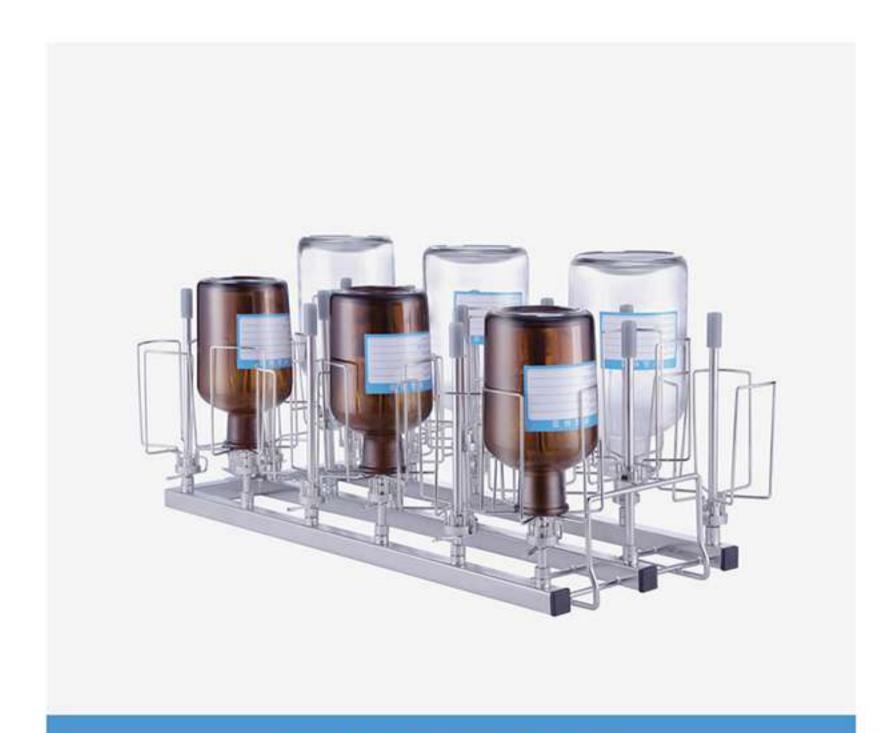
Suitable for Volumetric Flasks, Erlenmeyer Flasks, Round-Bottom Flasks, Schott Bottles, Measuring Cylinders, Test Tubes, etc.

(6*150 mm, Stainless Steel Flower Holder)

18 Nozzles (N60150 Nozzle, D6 mm, H150 mm)

18 Holders (S60SSM 6.0 Stainless Steel Square Holder)

18 Clamps (C60SL 6.0 Ladder Clamp)



A306E 3×6 Module

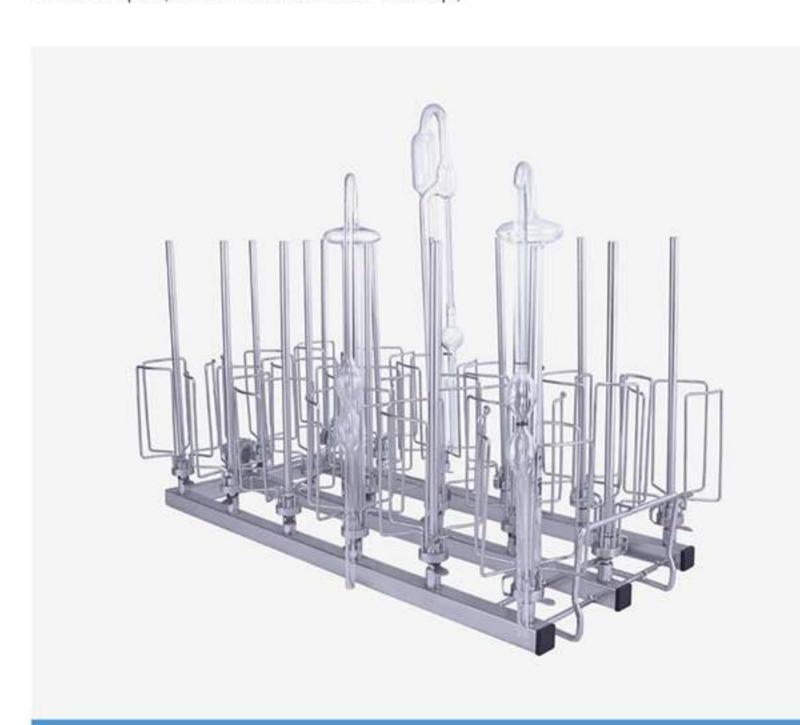
Suitable for Volumetric Flasks, Erlenmeyer Flasks, Round-Bottom Flasks, Schott Bottles, Measuring Cylinders, Test Tubes, etc.

(6*150 mm, Large Stainless Steel Square Holder)

18 Nozzles (N60150 Nozzle, D6 mm, H150 mm)

18 Holders (S60SSL 6.0 Large Stainless Steel Square Holder)

18 Clamps (C60SL 6.0 Ladder Clamp)



A306G 3×6 Module

Suitable for Long Test Tubes, Viscometers, Measuring Cylinders, etc.

(6*210 mm, Large Stainless Steel Square Holder)

18 Nozzles (N60210 Nozzle, D6 mm, H210 mm)

18 Holders (S60SSL 6.0 Large Stainless Steel Square Holder)

18 Clamps (C60SL 6.0 Ladder Clamp)



A306F 3×6 Module

Suitable for Long Test Tubes, Viscometers, Measuring Cylinders, etc.

(6*210 mm, Stainless Steel Square Holder))

18 Nozzles (N60210 Nozzle, D6 mm, H210 mm)

18 Holders (S60SSM 6.0 Stainless Steel Square Holder)

18 Clamps (C60SL 6.0 Ladder Clamp)



A306H 3×6 Module

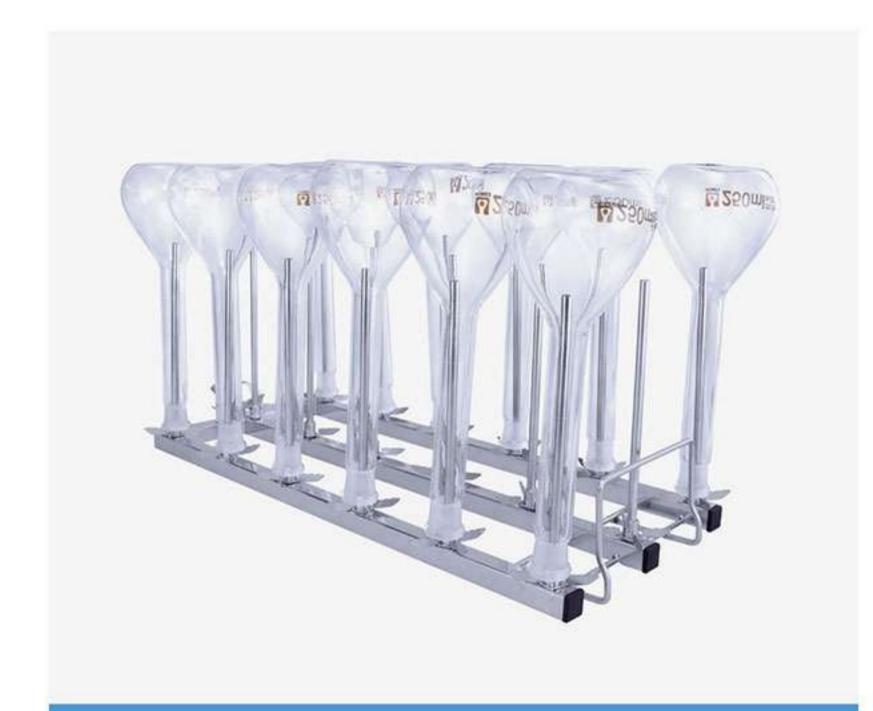
Suitable for Gas Absorption Bottle

(6*60 mm, Large Stainless Steel Square Holder)

18 Nozzles (N60060 Nozzle, D6 mm, H60 mm)

18 Holders (S60SSL 6.0 Large Stainless Steel Square Holder)

18 Clamps (C60SL 6.0 Ladder Clamp)



A306K 3×6 Module

Suitable for Volumetric Flasks, 250 ml Measuring Cylinders, Test Tubes, etc.

(6*150 mm, Stainless Steel Cross Support)

18 Nozzles (N60150 Nozzle, D6 mm, H150 mm)

18 Supports (S60SC 6.0 Stainless Steel Cross Support)

18 Clamps (C60ST 6.0 Triangle Clamp)



$A306X23 \times 6$ Module

Suitable for Volumetric Flasks, Erlenmeyer Flasks, Round-Bottom Flasks, Schott Bottles, Measuring Cylinders, Test Tubes, etc.

(6*150 mm, Stainless Steel Flower-Shaped Holder*9+ POM Cross Support*9)

18 Nozzles (N60150 Nozzle, D6 mm, H150 mm)

9 Holders (S60SSM 6.0 Stainless Steel Square Holder)

9 Holders (S60SSL 6.0 Large Stainless Steel Square Holder)

18 Clamps (C60SL 6.0 Ladder Clamp)



$A306X13 \times 6$ Module

Suitable for Volumetric Flasks, Erlenmeyer Flasks, Round-Bottom Flasks, Schott Bottles, Measuring Cylinders, Test Tubes, etc.

(6*210 mm, Stainless Steel Flower-Shaped Holder*9+ POM Cross Support*9)

18 Nozzles (N60210 Nozzle, D6 mm, H210 mm)

9 Holders (S60SF 6.0 Stainless Steel Flower-Shaped Holder)

9 Supports (S60PC 6.0 POM Cross Support)

9 Clamps (C60SL 6.0 Ladder Clamp)

9 Clamps (C60ST 6.0 Triangle Clamp)



$A306X33 \times 6$ Module

Suitable for Volumetric Flasks, Erlenmeyer Flasks, Round-Bottom Flasks, Schott Bottles, Measuring Cylinders, Test Tubes, etc.

(6*150 mm, Stainless Steel Flower-Shaped Holder*9+ POM Cross Support*9)

18 Nozzles (N60150 Nozzle, D6 mm, H150 mm)

9 Holders (S60SF 6.0 Stainless Steel Flower-Shaped Holder)

9 Supports (S60PC 6.0 POM Cross Support)

9 Clamps (C60SL 6.0 Ladder Clamp)

9 Clamps (C60ST 6.0 Triangle Clamp)



A408A 4×8 Module

Suitable for Volumetric Flasks, Measuring Cylinders, Tubes, etc.

(4*150 mm, Stainless Steel Flower Holder)

- 32 Nozzles (N40150 Nozzle, D4 mm, H150 mm)
- 32 Holders (S40SF 4.0 Stainless Steel Flower Holder)
- 32 Clamps (C40SL 4.0 Ladder Clamp)



A408X1 4×8 Module

Suitable for Volumetric Flasks, Measuring Cylinders, Tubes, etc.

(4*150 mm, Stainless Steel Flower Holder+POM Cross Support)

- 32 Nozzles (N40150 Nozzle, D4 mm, H150 mm)
- 16 Holders (S40SF 4.0 Stainless Steel Flower Holder)
- 16 Supports (S40PC 4.0 POM Cross Support)
- 16 Clamps (C40SL 4.0 Ladder Clamp)
- 16 Clamps (C40ST 4.0 Triangle Clamp)



A408B 4×8 Module

Suitable for Volumetric Flasks, Measuring Cylinders, Tubes, etc.

(4*150 mm, POM Cross Support)

- 32 Nozzles (N40150 Nozzle, D4 mm, H150 mm)
- 32 Supports (S40PC 4.0 POM Cross Support)
- 32 Clamps (C40ST 4.0 Triangle Clamp)



A412 4×12 Module

Suitable for Test Tubes, Sampler Vials, Volumetric Flasks, etc.

(4*150 mm, POM Cross Support)

- 48 Nozzles (N40150 Nozzle, D4 mm, H150 mm)
- 48 Supports (S40PC 4.0 POM Cross Support)



A415A 4×15 Module

Suitable for Test Tubes, Sampler Vials, Volumetric Flasks, etc.

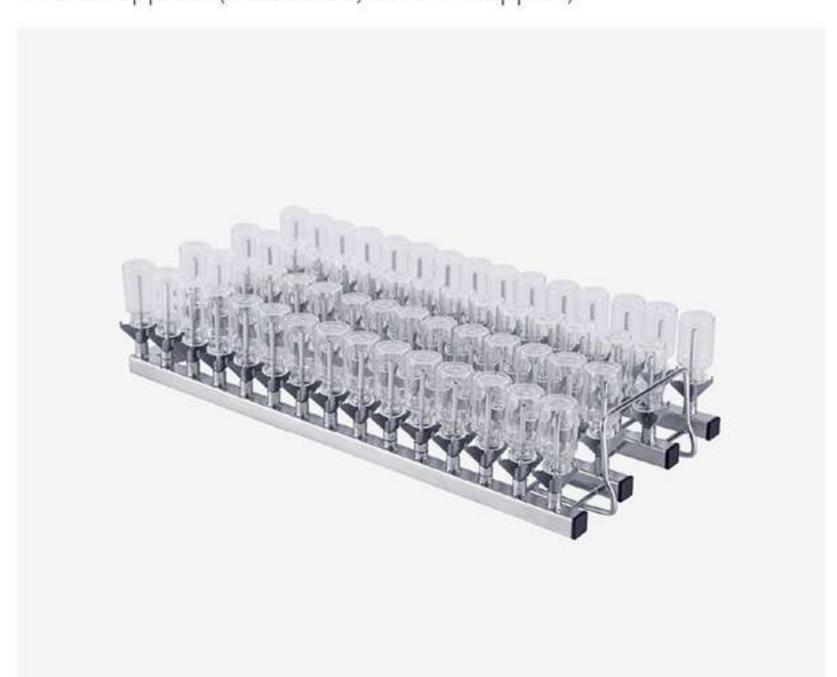
(4*150 mm, POM Limit Cross Support)

60 Nozzles (N40150 Nozzle, D4 mm, H150 mm)

60 Supports (S40PC 4.0 POM Limit Cross Support)

8 Clamps (C40ST 4.0 Triangle Clamp)

4 Hole Supports (S40S15 4.0, 15-Hole Support)



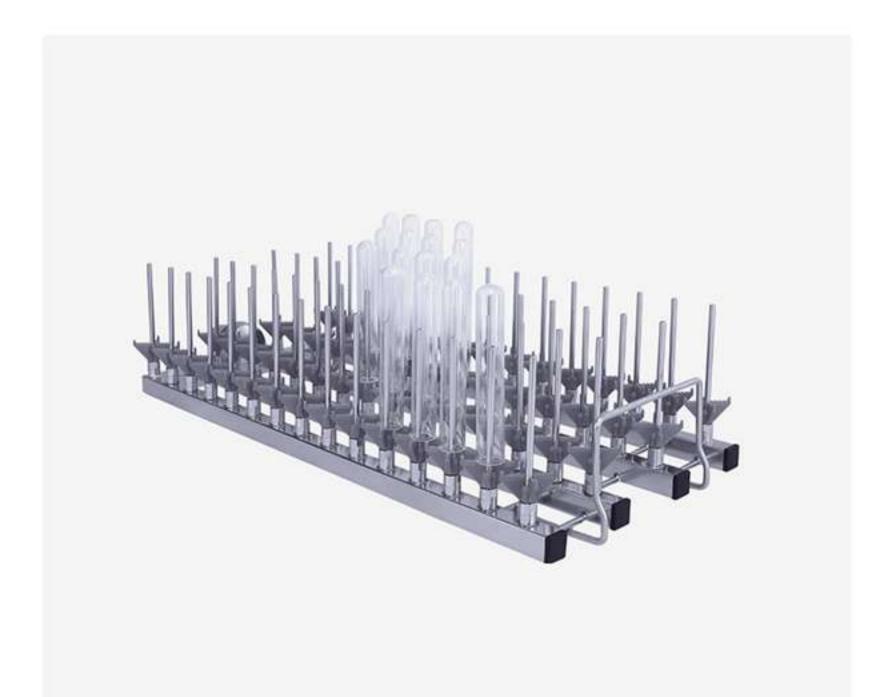
A415D 4×15 Module

Suitable for Sampler Vials, etc.

(4*56 mm, POM Limit Cross Support)

60 Nozzles (N40056 Nozzle, D4 mm, H56 mm)

60 Supports (S40PC 4.0 POM Limit Cross Support)



A415B 4×15 Module

Suitable for Test Tubes, Sampler Vials, Volumetric Flasks, etc.

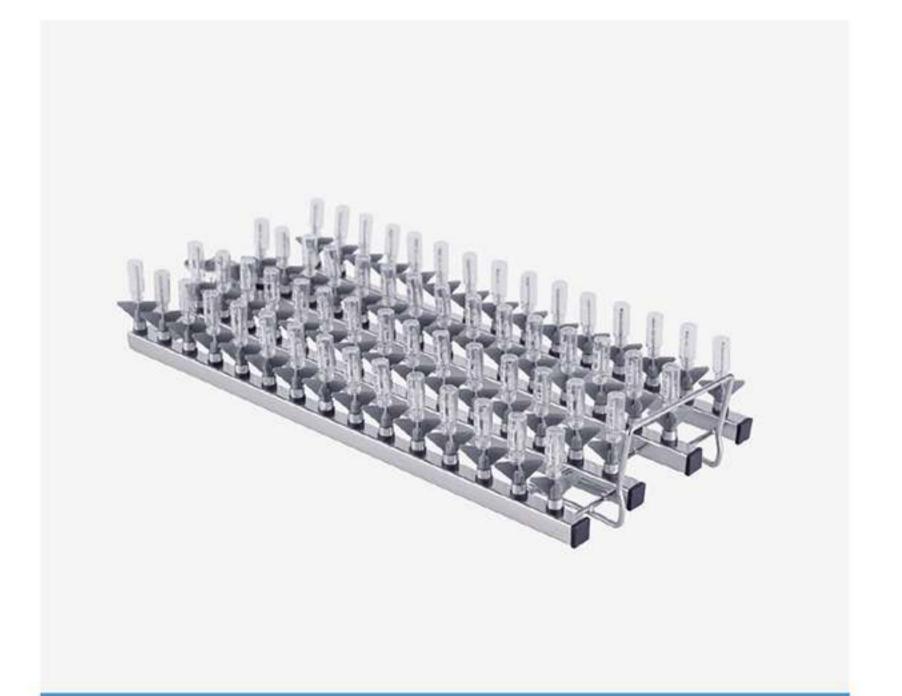
(4*80 mm, POM Limit Cross Support)

60 Nozzles (N40080 Nozzle, D4 mm, H80 mm)

60 Supports (S40PC 4.0 POM Limit Cross Support)

8 Clamps (C40ST 4.0 Triangle Clamp)

4 Hole Supports (S40S15 4.0, 15-Hole Support)



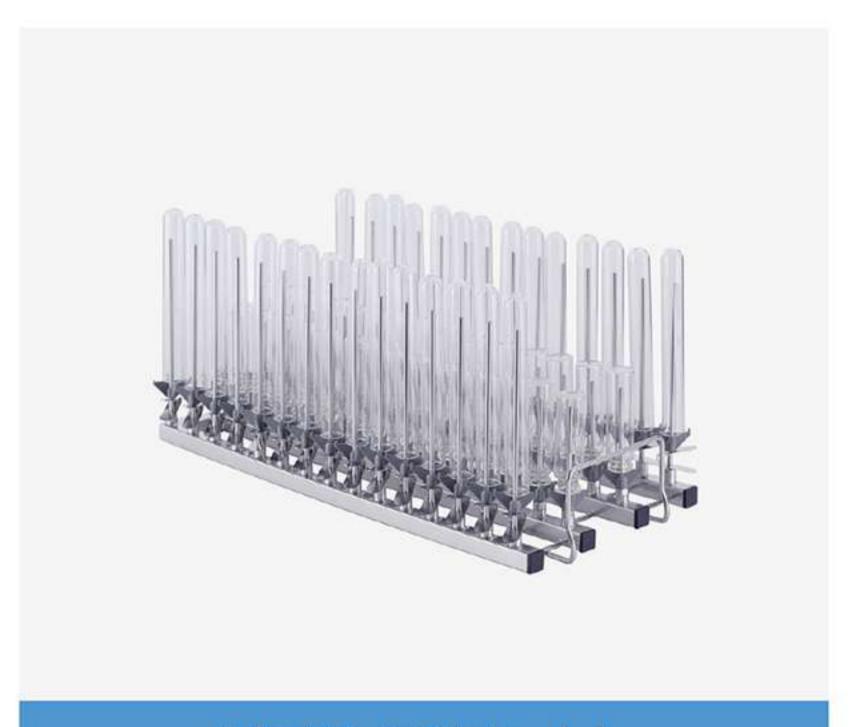
A415F 4×15 Module

Suitable for Sampler Vials, etc.

(2.5*42 mm, POM Cross Support)

60 Nozzles (N25042 Nozzle, D2.5 mm, H42 mm)

60 Supports (S25PC 2.5 POM Cross Support)



A415X1 4×15 Module

Suitable for Sampler Vials, etc.

(4*150mm*30+4*80mm*30, 4.0 POM Limit Cross Support*60)

30 Nozzles (N40150 Nozzle, D4 mm, H150 mm)

30 Nozzles (N40080 Nozzle, D4 mm, H80 mm)

60 Supports (S40PCL 4.0 POM Limit Cross Support)



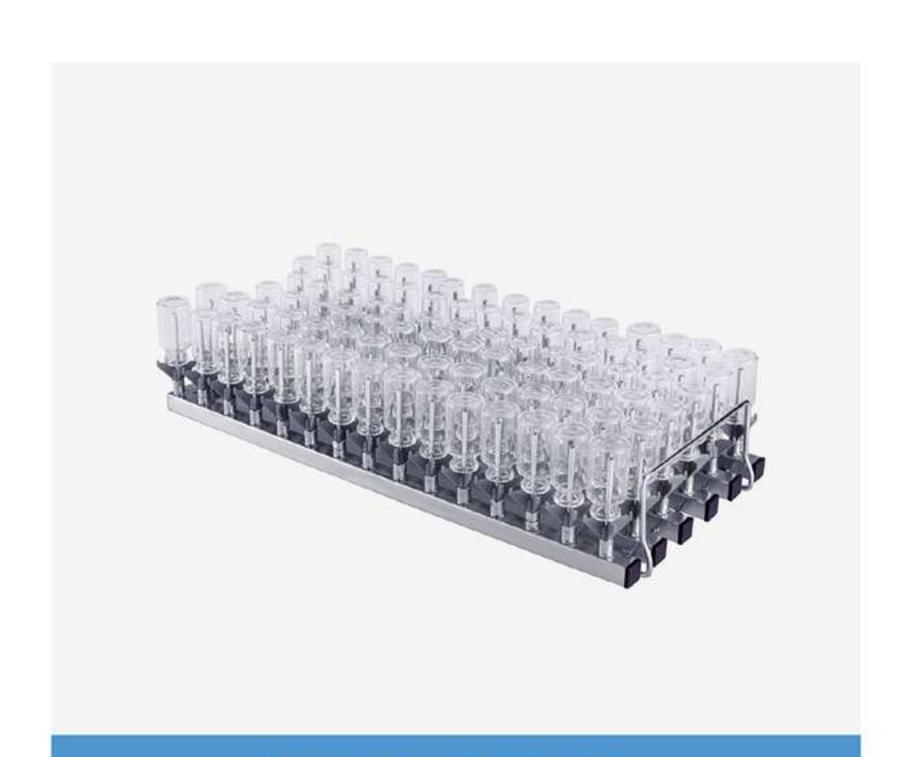
A615E 6×15 Module

Suitable for Sampler Vials, etc.

(2.5*42mm, POM Cross Support)

88 Nozzles (N25042 Nozzle, D2.5 mm, H42 mm)

88 Supports (S25PC 2.5 POM Cross Support)



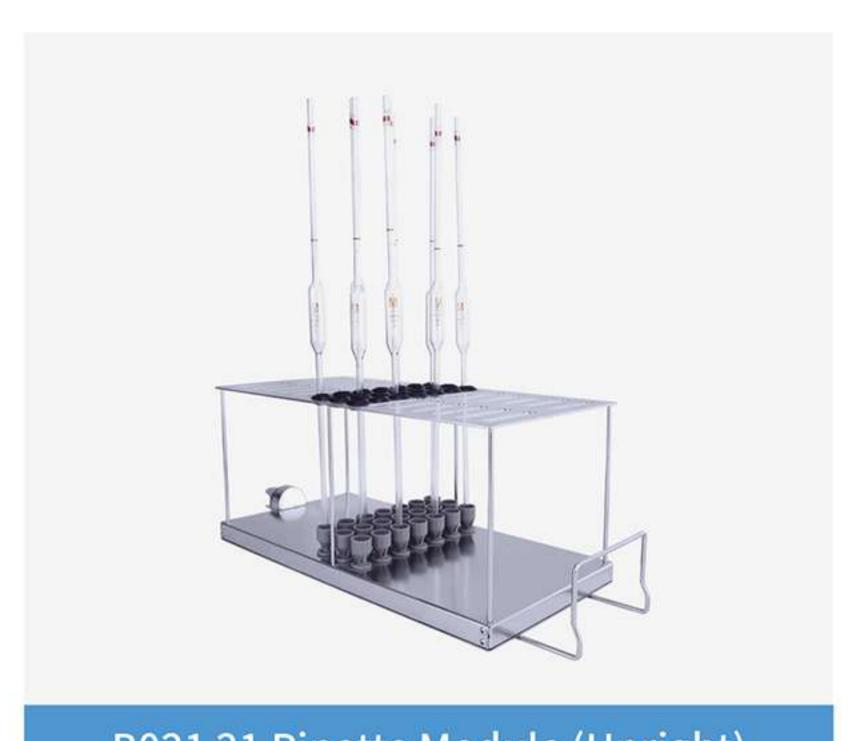
A615F 6×15 Module

Suitable for Sampler Vials, etc.

(4*56mm, POM Limit Cross Support)

88 Nozzles (N40056 Nozzle, D4 mm, H56 mm)

88 Supports (S40PCL 4.0 POM Limit Cross Support)

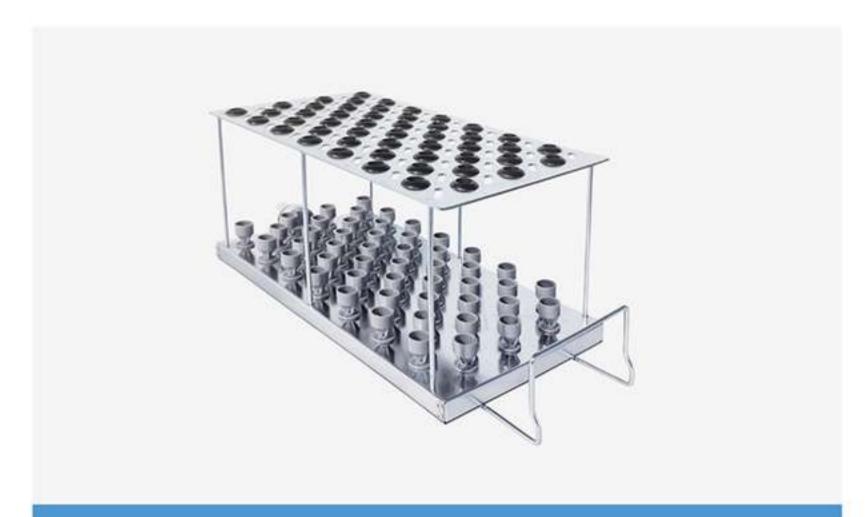


B021 21 Pipette Module (Upright)

Suitable for cleaning 1 - 21 Pipettes

Compatible with S4000/S8000D, supports pipettes up to 495 mm in length

Compatible with L3000/L3000D, supports pipettes up to 700 mm in length



B049 49 Pipette Module (Upright)

Suitable for cleaning 1 - 49 Pipettes

Compatible with S4000/S8000D, supports pipettes up to 495 mm in length

Compatible with L3000/L3000D, supports pipettes up to 700 mm in length



B022 22 Pipette Module (Inclined)

Suitable for cleaning 1 - 22 Pipettes

Compatible with S4000/S8000D, supports pipettes up to 100mL Compatible with S20/S20D, supports pipettes up to 25mL Includes lower basket



3L9 3x3 Module

Suitable for cleaning Blue Cap Bottles(2-5L), Round-Bottom Flasks(2-5L), Erlenmeyer Flasks(1-5L), Measuring Cylinders(1-5L), etc.

Includes lower basket



B098 98 Pipette Module (Upright)

Suitable for cleaning 49 - 98 Pipettes

Compatible with S4000/S8000D, supports pipettes up to 495 mm in length

Compatible with L3000/L3000D, supports pipettes up to 700 mm in length



4L16 4x4 Module

Suitable for cleaning Blue Cap Bottles(1L), Round-Bottom Flasks(1-3L), Erlenmeyer Flasks(1-3L), Measuring Cylinders(1-5L), etc.

Includes lower basket



2L4 2x2 Module

Suitable for cleaning Blue Cap Bottles(2-5L), Round-Bottom Flasks(2-10L), Erlenmeyer Flasks(1-10L), Measuring Cylinders(1-5L), etc.

Includes lower basket



Prevents small glassware from being displaced by water flow



Suitable for Lids, Medical Spoons, Scissors, Tweezers, etc.



Suitable for Lids, Medical Spoons, Scissors, Tweezers, etc.



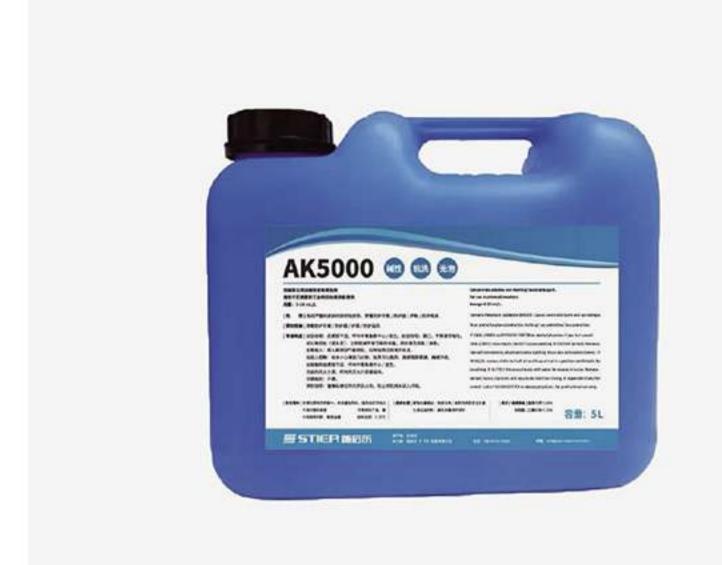
Suitable for Lids, Medical Spoons, Scissors, Tweezers, etc.



C56 Petri Dish Cleaning Basket Rack (56 pieces)

Suitable for 90-110 mm diameter Petri Dishes Custom configurations available for special sizes





AK5000 Fully Automatic Machine Washing Agent, 5L

Suitable for Automatic Glassware Washer

Foam-Free Phosphoric-Acid-Free



Suitable for manual and ultrasonic cleaning

Replaces Chromic Acid Phosphoric-Acid-Free



AC5000 Fully Automatic Machine Washing and Neutralizing Agent, 5L

Suitable for Automatic Laboratory Glassware Washer

Foam-Free Citric Acid Base



Used for washer softener

20 packs/box, 500g/pack





Ergonomic storage cabinet design

Compatible with C3000



Ergonomic storage cabinet design

Compatible with C3000

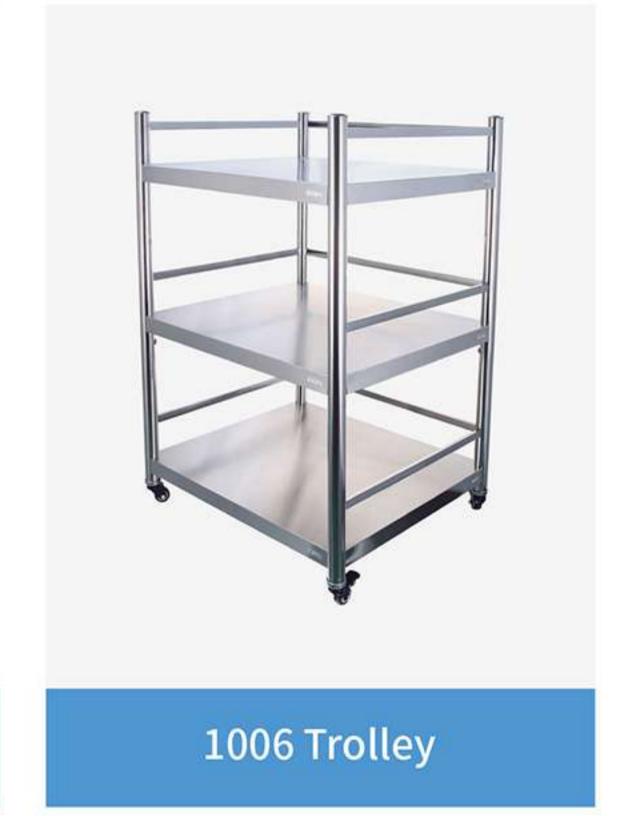


Designed for pure water storage

Available in 100L (standard) or 50L (optional)



Designed for cooling discharge water



Designed for holding wash basket racks

Four swivel casters for 360° maneuverability

STIER Professional and Safe Expertise at Cleaning



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