XPZ

PRODUCT
MANUALS

TECHNOLOGY LEADING THE INDUSTRY
QUALITY DECIDES THE MARKET

XPZ

Stablize　Fast　Safe

CONTENT

About US

XPZ is a leading manufacturer of laboratory glassware washer, located in Hangzhou city, Zhejiang Province, China. XPZ specializes in research, production and trade the automatic glassware washer which is applied to Bio-pharma, Medical health, Quality inspection environment, Food monitoring, and Petrochemical field.

XPZ is committed to help solve all kinds of cleaning problems. We are the main supplier to Chinese inspection authorities and chemical enterprises, meanwhile, XPZ brand has been spread to many other countries, like India, UK,Russia, Africa, some Europe countries etc.,XPZ provides integrated solutions based on customized demand, including product selection, installation and operate training etc.

Passed the certification system

CE

ISO
ISO9001

We will gather more enterprise advantage to provide innovative products with high

quality and excellent service, to keep our long-term friendship.
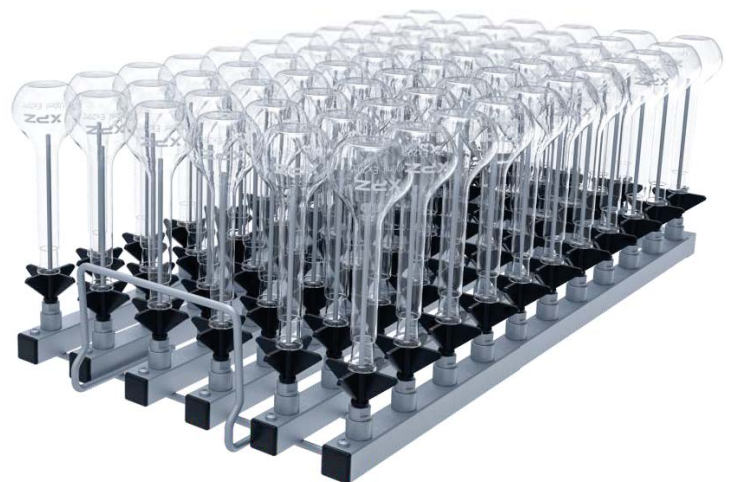
Modularization

+ Module Frame

Each floor can put two independent module basket racks. One or more floors can be selected for cleaning without changing the module frames.

+ Module

Modules can be freely matched, users can do mix and match according different demands to achieve the cleaning purpose.

Operation interface

Waterproof stainless
steel metal keyboard

OLED color display,spontaneous light,high
contrast,no visual angle limit.

+ Basket identification function

Save water, save electricity

Save detergent

+ Password protection

Multi-level password protection

+ Conductivity monitoring

Automatic monitoring water quality

+ Wash start delay function

Time start

Timer start

+ Language control

Support Chinese, English and Russian

three languages
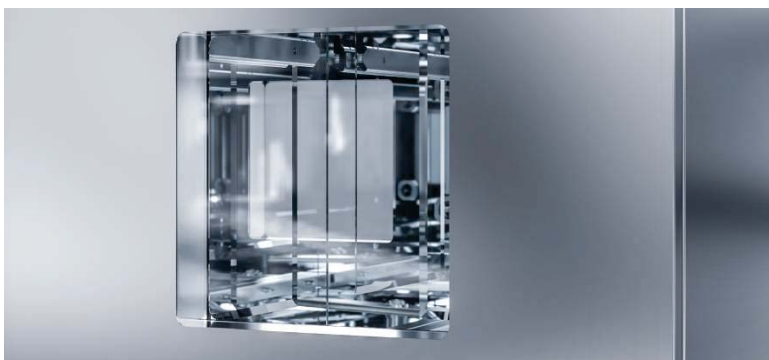
+ Power-off memory function

Can continue wash or cancel wash

Drying System/
Visual viewing window

+ Hot air drying system

Drying loading: Double layer HEPA filter cotton, to further ensure the air purity in the drying process,the instrument with HEPA filter cotton have failure alarm warning, drying time and temperature can be adjusted.
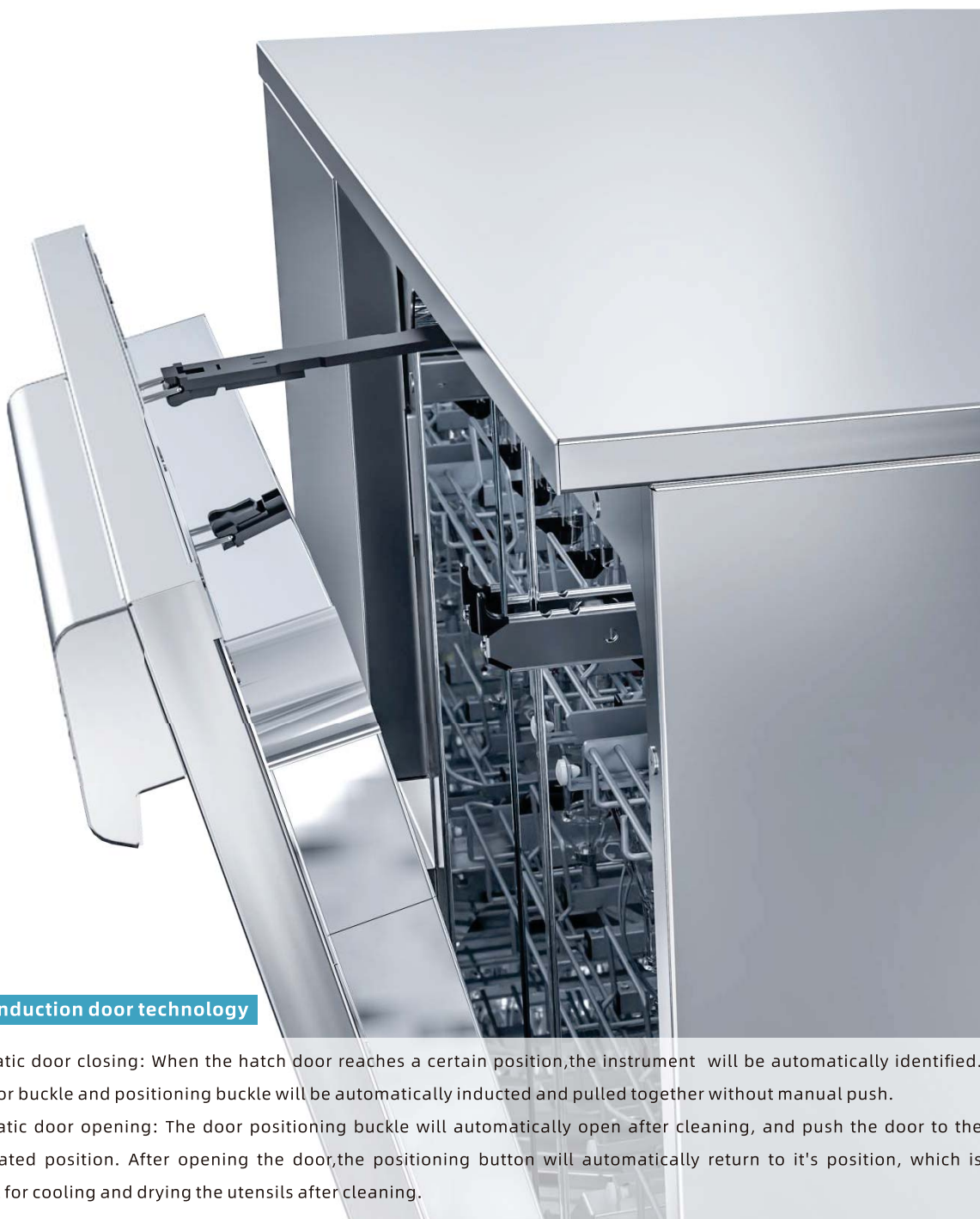

+ Visual viewing window

A large perspective window provides a clear view of the running state.

Double layer toughened glass has good sound insulation and heat insulation effect, with clear and precise texture.

The dual light control makes the entire cleaning process visible.

Automatic induction door technology

+ ITL induction door technology

Automatic door closing: When the hatch door reaches a certain position,the instrument will be automatically identified. The door buckle and positioning buckle will be automatically inducted and pulled together without manual push.

Automatic door opening: The door positioning buckle will automatically open after cleaning, and push the door to the designated position. After opening the door,the positioning button will automatically return to it's position, which is helpful for cooling and drying the utensils after cleaning.

Moment Series

+ Benchtop Style

Moment series are used for cleaning small size utensils.

Moment-F2

Specifications:

Series	Item	Moment-2	Moment-F2
	Dimension	W612*D750*H685mm	W612*D750*H685mm
		+Feet10-24mm adjustable	+Feet10-24mm adjustable
	Chamber volume	126L(Built-in light control)	126L(Built-in light control)
Moment	Number of cleaning layers	1-2layers	1-2layers
	Circulation pump flow rate	320L/min	320L/min
	Heating Power	4kw/9kw	4kw/9kw
	Electricity	220V/380V	220V/380V
	Drying way	Ecodry	Hot air drying
	Instllation method	Benchtop	Benchtop

Feature Description

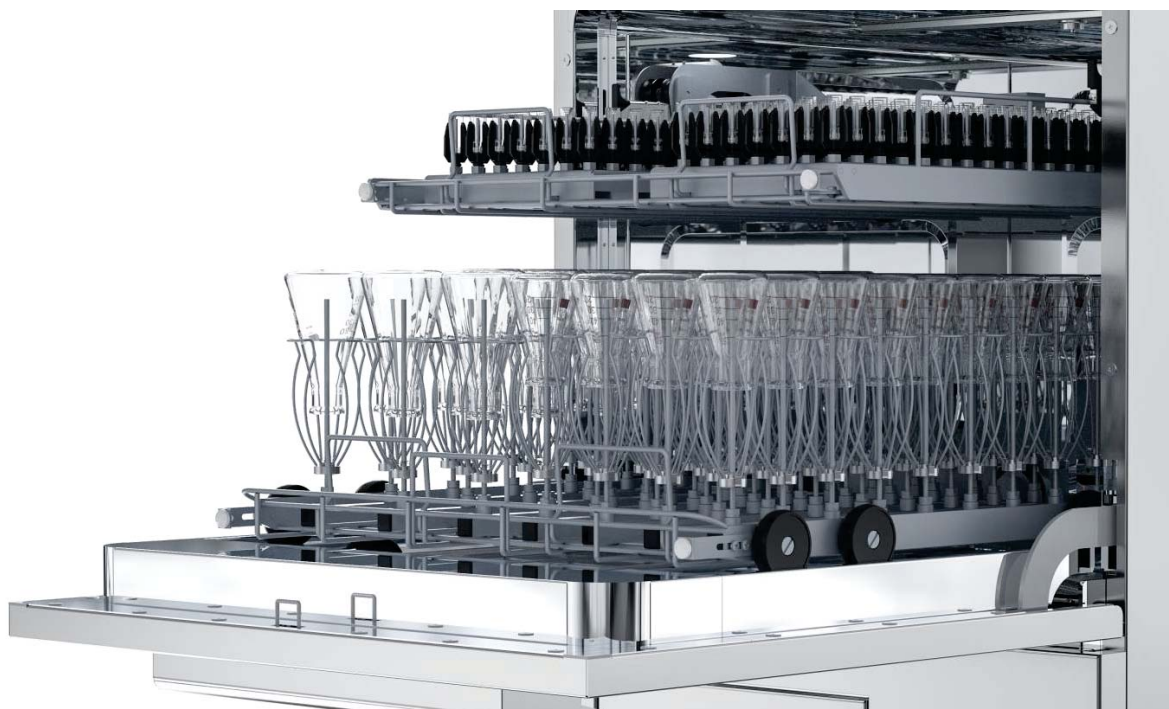| Series	Item	Moment-2/Moment-F2
Moment	Operation interface	Microcomputer intelligent control.OLED display, water proof
		Stainless steel metal buttons with 3 shortcut program keys
		Support Chinese/Russian/English three languages
	Programs	35 Default,100 user-defined
	Password	Multi-level password protection
	Door	Automatic opening door with viewing window
	Baskets	Modularity basket, one layer can put 2 baskets
	Detection& tracking system	Conductivity detection function(Optional);
		Printingfunction(Optional); Data storage function
	Wash start delay	Wash start delay function & Delay shutdown function

Glory Series

+ Undercounter Style

Glory series can put under the laboratory table.

Glory-F2

Specifications:

Series	Item	Glory-2	Glory-F2
Glory	Dimension	W612*D750*H830mm	W612*D750*H830mm
		+Feet10-24mm adjustable	+Feet10-24mm adjustable
	Chamber volume	170L(Built-in light control)	170L(Built-in light control)
	Number of cleaning layers	1-3layers	1-3layers
	Circulation pump flow rate	500L/min	500L/min
	Heating Power	4kw/9kw	4kw/9kw
	Electricity	220V/380V	220V/380V
	Drying way	Ecodry	Hot air drying
	Instllation method	Undercounter / Freestanding	Undercounter / Freestanding

Feature Description

Series	Item	Glory-2/Glory-F2
Glory	Operation interface	Microcomputer intelligent control.OLED display, water proof
		Stainless steel metal buttons with 3 shortcut program keys
		Support Chinese/Russian/English three languages
	Programs	35 Default,100 user-defined
	Password	Multi-level password protection
	Door	Automatic opening door with viewing window
	Baskets	Modularity basket, one layer can put 2 baskets
	Detection& tracking system	Conductivity detection function(Optional);
		Printingfunction(Optional); Data storage function
	Wash start delay	Wash start delay function & Delay shutdown function
	Basket identification function	Can save water, save electricity, save detergent

Aurora Series

+ Freestanding Style

Aurora series is a freestanding style washer.

Aurora-2/Aurora-F2 PLUS

Specifications:

Series	Item	Aurora-2	Aurora-F2	Aurora-F2 PLUS
Aurora	Dimension	W612*D750*H990mm +Feet10-24mm adjustable	W930*D750*H990mm +Feet10-24mm adjustable	W930*D750*H1110mm +Feet10-24mm adjustable
	Chamber volume	202L(Built-in light control)	202L(Built-in light control)	239L(Built-in light control)
	Number of cleaning layers	1-3layers	1-3layers	1-3layers
	Circulation pump flow rate	0-600L/min	0-600L/min	0-600L/min
	Heating Power	4kw/9kw	4kw/9kw	4kw/9kw
	Electricity	220V/380V	220V/380V	220V/380V
	Drying way	Ecodry	Hot air drying	Hot air drying
	Instllation method	Freestanding	Freestanding	Freestanding

Aurora-F2

Feature Description

Series	Item	Aurora-2/Aurora-F2/Aurora-F2 PLUS
Aurora	Operation interface	Microcomputer intelligent control.OLED display, water proof
		Stainless steel metal buttons with 3 shortcut program keys
		Support Chinese/Russian/English three languages
	Programs	35 Default,100 user-defined
	Password	Multi-level password protection
	Door	Automatic opening door with viewing window
	Baskets	Modularity basket, one layer can put 2 baskets
	Detection& tracking system	Conductivity detection function(Optional);
		Printingfunction(Optional); Data storage function
	Wash start delay	Wash start delay function & Delay shutdown function
	Basket identification function	Can save water, save electricity, save detergent

Flash Series

+ Freestanding Style

Flash series is a freestanding style washer.

Flash-F2

Specifications:

Series	Item	Flash-F2	Flash-F2 PLUS
Flash	Dimension	W930*D750*H1326mm	W930*D750*H1476mm
		+Feet 82-90mm adjustable	+Feet 82-90mm adjustable
	Chamber volume	308L(Built-in light control)	345L(Built-in light control)
	Number of cleaning layers	1-4layers	1-4layers
	Circulation pump flow rate	0-1000L/min	0-1000L/min
	Heating Power	4kw /9kw / 18kw	4kw /9kw / 18kw
	Electricity	220V/380V	220V/380V
	Drying way	Hot air drying	Hot air drying
	Instllation method	Freestanding	Freestanding

Flash-F2 PLUS

Feature Description

Series	Item	Flash-F2/Flash-F2 PLUS
Flash	Operation interface	Microcomputer intelligent control.OLED display, water proof
		Stainless steel metal buttons with 3 shortcut program keys
		Support Chinese/Russian/English three languages
	Programs	35 Default,100 user-defined
	Password	Multi-level password protection
	Door	Automatic opening door with viewing window
	Baskets	Modularity basket, one layer can put 2 baskets
	Detection& tracking system	Conductivity detection function(Optional);
		Printingfunction(Optional); Data storage function
	Wash start delay	Wash start delay function & Delay shutdown function
	Basket identification function	Can save water, save electricity, save detergent

Module Frame

Upper or Middle level basket frame
FA-Z01
- With two connectors
- Used to connect 2 injection baskets
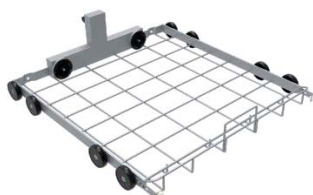- Auto self-sealing docking valve
- H139, W529, D570mm

Upper or Middle level basket frame
FA-Z03
- To load non-injection baskets
- Built-in spray arm
- H183, W530, D569mm

Upper or Middle level basket frame
FA-Z05
- To load non-injection baskets
- Built-in spray arm
- H139, W529, D574mm

Lower level basket frame
FA-Z02
- With two connectors
- Used to connect 2 injection baskets
- Auto self-sealing docking valve
- H148, W531, D577mm

Lower level basket frame
FA-Z04
- To load non-injection baskets
- H83, W531, D560mm

Lower level basket frame
FA-Z06
- Double levels
- To load non-injection baskets
- Built-in spray arm
- H230, W528, D584mm

Lower level basket frame
FA-Z07
- With two connectors
- Used to connect 2 injection baskets
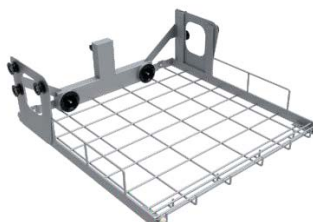- Auto self-sealing docking valve
- H182, W529, D564mm

Full frame injection module
FA-Z11
- 38 pipettes can be loaded in three layers
- 1st Row:10pcs 10-100ml pipettes,H550mm
- 2nd Row:14pcs 10-25ml pipettes,H500mm
- 3rd Row:14pcs 1-10ml pipettes,H440mm
- H373, W531, D582mm

Cleaning Module

Injection Module 3 injections
FA-K03
- For 500-2000ml Erlenmeyer flasks,Reagent bottle,Blue cap bottle,500-1000ml Volumetric flask and so on.
- Injector nozzle:φ6×H230mm
- H258, W194, D482mm

Injection Module 9 injections
FA-L09
- For 500-2000ml Erlenmeyer flasks,Reagent bottle,Blue cap bottle,500-1000ml Volumetric flask and so on.
- Injector nozzle:φ6×H230mm
- H263, W499, D505mm

Injection Module 10 injections
FA-K10
- For 100-500ml Erlenmeyer flasks, Reagent bottle,Blue cap bottle, Volumetric flask and so on.10-100ml cylinder.
- Injector nozzle:φ6×H230mm
- H249, W140, D482mm

Injection Module 10 injections
FA-K11
- For 100-500ml Erlenmeyer flasks,Reagent bottle,Blue cap bottle, Volumetric flask and so on.10-100ml cylinder.
- Injector nozzle:φ6×H230mm
- H249, W140, D482mm

Injection Module 10 injections
FA-K11/1
- For 250-500ml Erlenmeyer flasks, Reagent bottle,Blue cap bottle,Volumetric flask and so on.
- Injector nozzle:φ6×H130mm
- H179, W240, D505mm
Holder's height can not adjustable

Injection Module 12 injections
FA-K12/1
- Suitable for φ3.5mm Viscometer
- Injector nozzle: φ2.5×H110mm
            φ6×H230mm
- H249, W172, D482mm

Injection Module 14 injections
FA-K14
- For 50-250ml Erlenmeyer flasks,Volumetric flask,10-50ml cylinder and so on.
- Injector nozzle:φ4×H160mm
- H179, W163, D482mm

Injection Module 15 injections
FA-K15
- For 50-250ml Erlenmeyer flasks, Reagent bottle,Blue cap bottle,Volumetric flask and so on.
- Injector nozzle:φ4×H160mm
- H179, W175, D482mm

Injection Module 18 injections
FA-K18
- For 100-250ml Erlenmeyer flasks,Reagent bottle,Blue cap bottle,10-50ml cylinder and so on.
- Injector nozzle:φ4×H140mm
- H167, W232, D482mm
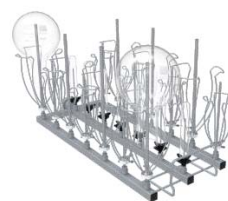
Cleaning Module

Injection Module 21 injections
FA-K20
▪For 50-150ml Erlenmeyerflasks,Reagent bottle,Volumetric flask ,10-50ml cylinder and so on.
▪Injector nozzle:φ4×H160mm
▪H179, W192, D482mm

Injection Module 21 injections
FA-K21
▪For 50-150ml Erlenmeyer flasks, Reagent bottle,Blue cap bottle, Volumetric flask and so on.
▪Injector nozzle:φ4×H160mm
▪H179, W192, D482mm

Injection Module 21 injections
FA-K22
▪For 50-150ml Erlenmeyer flasks,Reagent bottle,Blue cap bottle,Volumetric flask and so on
▪Injector nozzle：φ2.5×H110mm
   φ4×H160mm φ6×H230mm
▪H249, W192, D482mm

Injection Module 36 injections
FA-K30
▪For 25-100ml Erlenmeyer flasks, Reagent bottle,Volumetric flask , 5-10ml test tube and so on.
▪Injector nozzle:φ2.5×H110mm
▪H129, W200, D482mm

Injection Module 36 injections
FA-K31
▪For 25-100ml Erlenmeyer flasks, Reagent bottle,Volumetric flask and so on
▪Injector nozzle:φ4×H160mm
▪H179, W200, D482mm
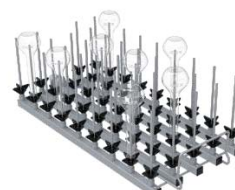
Injection Module 44 injections
FA-K44
▪For 25-50ml Volumetric flask,test tube,vials and so on
▪Injector nozzle:φ4×H140mm
▪H159, W215, D482mm

Injection Module 66 injections
FA-K66
▪For 25ml Volumetric flask,test tube ,vials and so on
▪Injector nozzle:φ2.5×H110mm
▪H129, W215, D482mm

Injection Module 119 injections
FA-K90
▪For 1.5ml vials specially
▪Injector nozzle:φ2.5×H53mm
▪H76, W190, D488mm

Injection Module 119 injections
FA-K91
▪For pipettes specially
▪H191, W190, D488mm

Cleaning Module /Basket / Cover

Injection Module 65 injections
FA-M65
- Can load 28pcs pipettes, 28pcs vials, 9pcs Erlenmeyer flasks, volumetric flask, cylinder and so on.
- Injector nozzle:φ2.5×H110mm; φ4×H160mm; φ6×H230mm
- H257, W190, D488mm

Injection Module 112 injections
FA-M112
- Can load 56pcs pipettes, 56pcs test tubes and so on.
- Injector nozzle:φ2.5×H110mm
- H184, W190, D488mm

Full Basket 56
T-101
- Suitable for clean petri dishes
- 56 seats
- H145, W485, D504mm

FullBasket 56
T-102
- Only used together with T-101
- Suitable for clean petri dishes
- 56 seats
- H145, W485, D504mm

Full Basket
T-103
- For funnel, beakers,jar,etc
- H120, W446, D470mm

Cover G-204
- The cover for T-103
- H28, W223, D423mm

Cover net
G-201/G-202
- Basket covering for bottles to prevent the glassware rushed out.
- G-201 is suitable for FA-K90
- G-202 is suitable for T-101/T-102
- H10, W215, D455mm

Shelf
T-203
- 21 spring clips are used to hold the utensils
- The distance between the clips is about 60mm
- H155, W230, D460mm
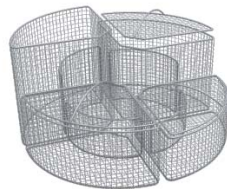
1/4 Basket
T-401/402/403/404
- H100,W218,D218mm, The maximum is 12*75mm
- H127,W218,D218mm, The maximum is 12*105mm
- H187,W218,D218mm, The maximum is 12*165mm
- H230,W218,D218mm, The maximum is 12*200mm

Half Basket
T-204/2
- For funnel, beakers, jar, etc
- H119, W224, D440mm
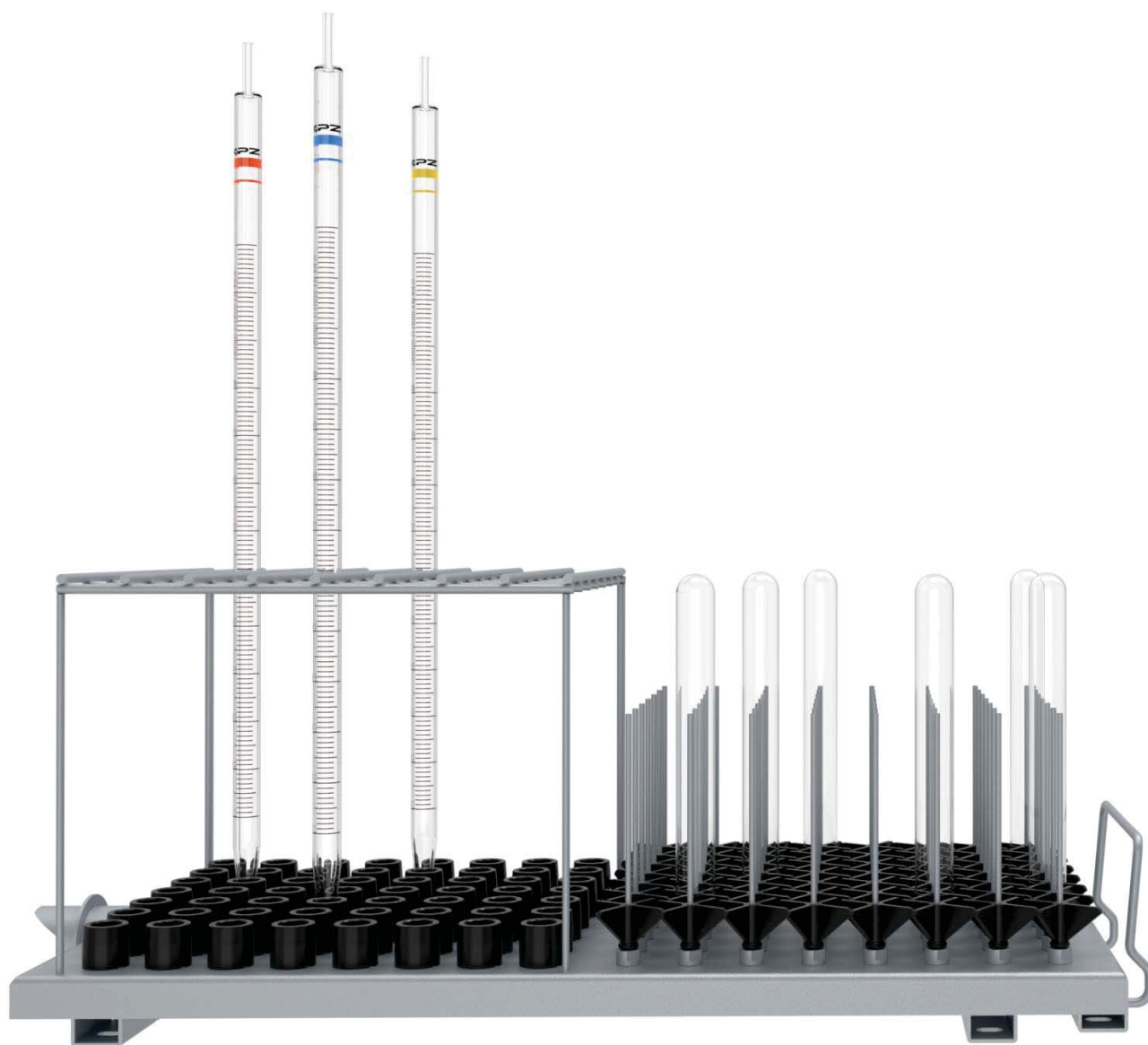
Cover G-401
- The cover for T-204/2
- H21, W210, D210mm

Modules Catalogue

Modules	Moment	Glory	Aurora	Flash	Page
FA-Z01 Upper or Middle level basket frame	○	●	●	●	15
FA-Z03 Upper or Middle level basket frame	○	●	●	●	15
FA-Z05 Upper or Middle level basket frame	○	●	●	●	15
FA-Z02 Lower level basket frame	●	●	●	●	15
FA-Z04 Lower level basket frame	●	●	●	●	15
FA-Z06 Lower level basket frame	○	●	●	●	15
FA-Z07 Upper or Middle level basket frame	○	●	●	●	15
FA-Z11 Full frame injection module	○	●	●	●	15
FA-K03 Injection Module 3 injections	○	●	●	●	16
FA-L09 Injection Module 9 injections	○	●	●	●	16
FA-K10 Injection Module 10 injections	○	●	●	●	16
FA-K11 Injection Module 10 injections	○	●	●	●	16
FA-K11/ Injection Module 10 injections	●	●	●	●	16
FA-K12/1 Injection Module 12 injections	○	●	●	●	16
FA-K14 Injection Module 14 injections	●	●	●	●	16
FA-K15 Injection Module 15 injections	●	●	●	●	16
FA-K18 Injection Module 18 injections	●	●	●	●	16
FA-K20 Injection Module 21 injections	●	●	●	●	17
FA-K21 Injection Module 21 injections	●	●	●	●	17
FA-K22 Injection Module 21 injections	○	●	●	●	17
FA-K30 Injection Module 36 injections	●	●	●	●	17
FA-K31 Injection Module 36 injections	●	●	●	●	17
FA-K44 Injection Module 44 injections	●	●	●	●	17
FA-K66 Injection Module 66 injections	●	●	●	●	17
FA-K90 Injection Module 119 injections	●	●	●	●	17
FA-K91 Injection Module 119 injections	○	●	●	●	17
FA-M65 Injection Module 65 injections	○	●	●	●	18
FA-M112 Injection Module 112 injections	○	●	●	●	18
T-101 Full Basket 56	●	●	●	●	18
T-102 Full Basket 56	●	●	●	●	18
T-103 Full Basket	●	●	●	●	18
G-201/G-202 Cover Net	●	●	●	●	18
T-203 Shelf	●	●	●	●	18
T-204/2 Half Basket	●	●	●	●	18
T-401/402/403/404 1/4 Basket	●	●	●	●	18

● Means support this model
○ Means not support this model

Only do professional service for you