

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 +Feet 82-90mm adjustable	W930*D750*H1476mm +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
	Instillation method	Freestanding	Freestanding

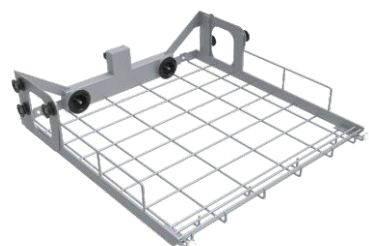


Flash-F2 PLUS

Feature Description

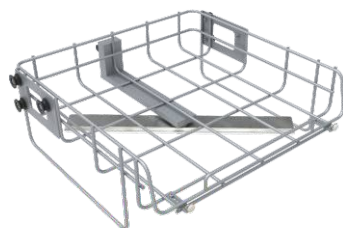
Series	Item	Flash-F2/Flash-F2 PLUS
Flash	Operation interface	Microcomputer intelligent control.OLED display, water proof Stainless steel metal buttons with 3 shortcut program keys Support Chinese/Russian/English three languages
	Programs	35 Default,100 user-defined
	Password	Multi-level password protection
	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



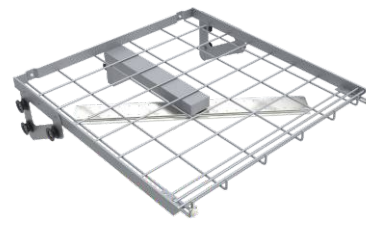
**Upper or Middle level basket frame
FA-Z01**

- With two connectors
- Used to connect 2 injection baskets
- Auto self-sealing docking valve
- H139, W529, D570mm



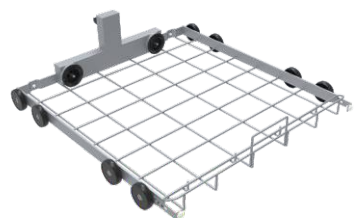
**Upper or Middle level basket frame
FA-Z03**

- 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



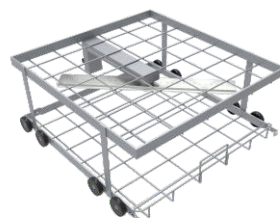
**Lower level basket frame
FA-Z02**

- With two connectors
- Used to connect 2 injection baskets
- Auto self-sealing docking valve
- H148, W531, D577mm



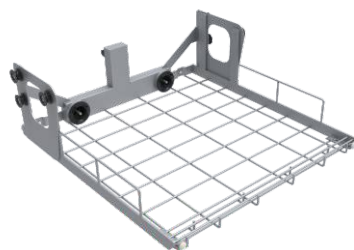
**Lower level basket frame
FA-Z04**

- 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: $\phi 6 \times H230$ mm
- H258, W194, 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: $\phi 6 \times H230$ mm
- H249, W140, D482mm



**Injection Module 14 injections
FA-K14**

- For 50-250ml Erlenmeyer flasks,Volumetric flask,10-50ml cylinder and so on.
- Injector nozzle: $\phi 4 \times H160$ mm
- H179, W163, 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: $\phi 6 \times H230$ mm
- H263, W499, D505mm



**Injection Module 10 injections
FA-K11/1**

- For 250-500ml Erlenmeyer flasks, Reagent bottle,Blue cap bottle,Volumetric flask and so on.
- Injector nozzle: $\phi 6 \times H130$ mm
- H179, W240, D505mm
- Holder's height can not adjustable



**Injection Module 15 injections
FA-K15**

- For 50-250ml Erlenmeyer flasks, Reagent bottle,Blue cap bottle,Volumetric flask and so on.
- Injector nozzle: $\phi 4 \times H160$ mm
- H179, W175, D482mm



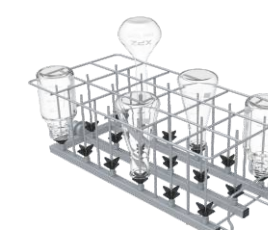
**Injection Module 10 injections
FA-K10**

- For 100-500ml Erlenmeyer flasks, Reagent bottle,Blue cap bottle, Volumetric flask and so on.10-100ml cylinder.
- Injector nozzle: $\phi 6 \times H230$ mm
- H249, W140, D482mm



**Injection Module 12 injections
FA-K12/1**

- Suitable for $\phi 3.5$ mm Viscometer
- Injector nozzle: $\phi 2.5 \times H110$ mm
 $\phi 6 \times H230$ mm
- H249, W172, 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: $\phi 4 \times H140$ mm
- H167, W232, D482mm

Cleaning Module



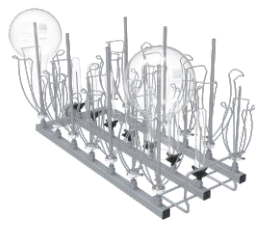
Injection Module 21 injections FA-K20

- For 50-150ml Erlenmeyerflasks, Reagent bottle, Volumetric flask, 10-50ml cylinder and so on.
- Injector nozzle: $\phi 4 \times H160\text{mm}$
- H179, W192, D482mm



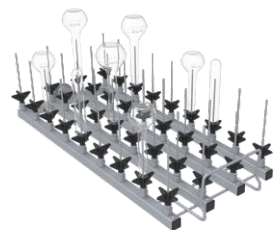
Injection Module 21 injections FA-K21

- For 50-150ml Erlenmeyer flasks, Reagent bottle, Blue cap bottle, Volumetric flask and so on.
- Injector nozzle: $\phi 4 \times H160\text{mm}$
- H179, W192, D482mm



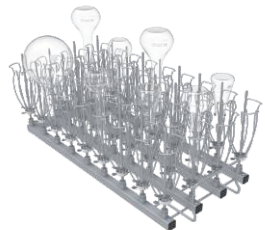
Injection Module 21 injections FA-K22

- For 50-150ml Erlenmeyer flasks, Reagent bottle, Blue cap bottle, Volumetric flask and so on
- Injector nozzle: $\phi 2.5 \times H110\text{mm}$
 $\phi 4 \times H160\text{mm}$ $\phi 6 \times H230\text{mm}$
- H249, W192, D482mm



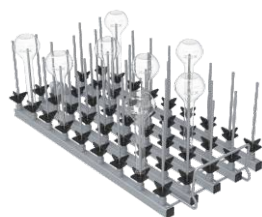
Injection Module 36 injections FA-K30

- For 25-100ml Erlenmeyer flasks, Reagent bottle, Volumetric flask, 5-10ml test tube and so on.
- Injector nozzle: $\phi 2.5 \times H110\text{mm}$
- H129, W200, D482mm



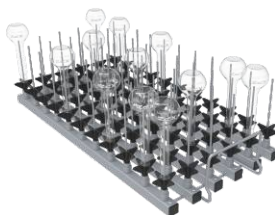
Injection Module 36 injections FA-K31

- For 25-100ml Erlenmeyer flasks, Reagent bottle, Volumetric flask and so on
- Injector nozzle: $\phi 4 \times H160\text{mm}$
- H179, W200, D482mm



Injection Module 44 injections FA-K44

- For 25-50ml Volumetric flask, test tube, vials and so on
- Injector nozzle: $\phi 4 \times H140\text{mm}$
- H159, W215, D482mm



Injection Module 66 injections FA-K66

- For 25ml Volumetric flask, test tube, vials and so on
- Injector nozzle: $\phi 2.5 \times H110\text{mm}$
- H129, W215, D482mm



Injection Module 119 injections FA-K90

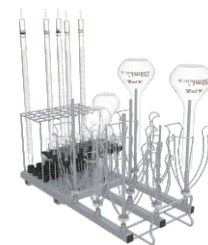
- For 1.5ml vials specially
- Injector nozzle: $\phi 2.5 \times H53\text{mm}$
- H76, W190, D488mm



Injection Module 119 injections FA-K91

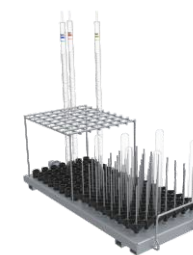
- For pipettes specially
- H191, W190, D488mm

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: $\phi 2.5 \times H110\text{mm}$;
 $\phi 4 \times H160\text{mm}$; $\phi 6 \times H230\text{mm}$
- H257, W190, D488mm



Injection Module 112 injections FA-M112

- Can load 56pcs pipettes, 56pcs test tubes and so on.
- Injector nozzle: $\phi 2.5 \times H110\text{mm}$
- H184, W190, D488mm



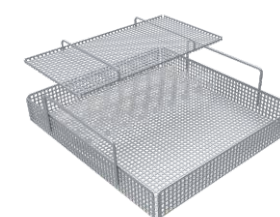
Full Basket 56 T-101

- Suitable for clean petri dishes
- 56 seats
- H145, W485, D504mm



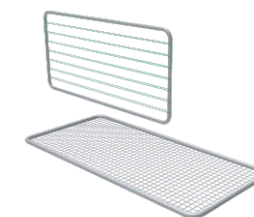
Full Basket 56 T-102

- 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



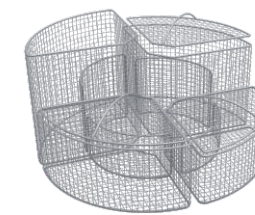
Cover net G-201/G-202

- 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



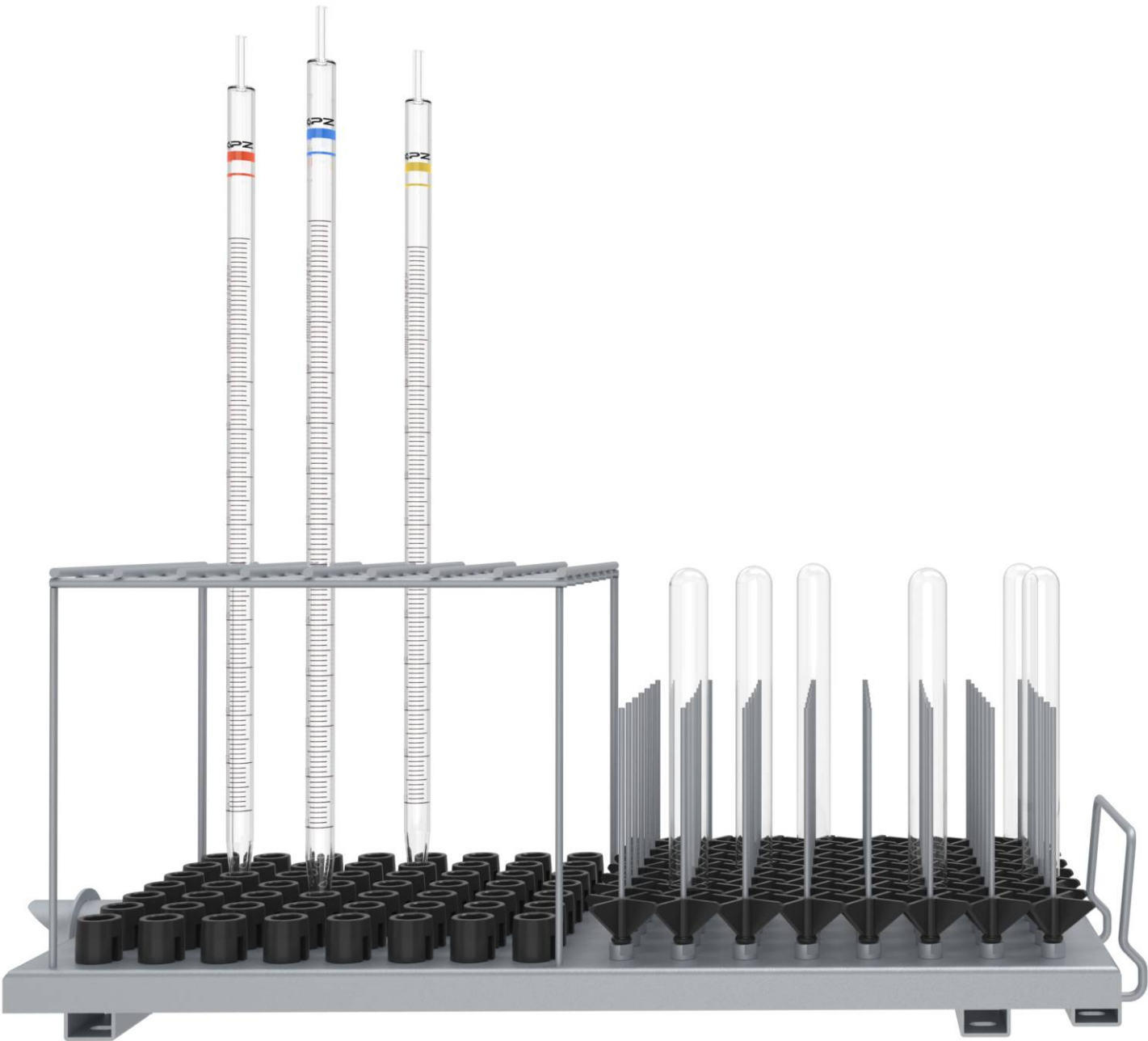
Half Basket T-204/2

- 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



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