SalvisLab.
Perfect cleaning solutions

SwissTEQ



About SalvisLab.

Swiss tradition with a great future

Renggli AG, founded in 1927, is an established Swiss family enterprise with international orientation in the realm of complete laboratory solutions. As one of the leading European manufacturers and market leaders in Switzerland, Renggli designs and implements state-of-the-art laboratories for research, industry, medicine and education.

With the renowned SalvisLab trademark, Renggli AG develops and produces a range of forced air drying ovens, incubators, vacuum drying ovens, heating cabinets, glassware cleaners and the corresponding accessories for each appliance. SalvisLab products are distributed world-wide through our international network of dealers.

We design professional equipment systems for you

SalvisLab develops and distributes high-quality laboratory equipment in close collaboration with the complete laboratory solutions provider Renggli AG in Rotkreuz. SalvisLab sets standards in quality, design and the production of laboratory equipment. New developments undergo intensive testing in our Development Center, so that they meet our customers' requirements.

The comprehensive range of equipment offered by SalvisLab provides extensive coverage of requirements in the laboratory field with forced air drying ovens, incubators, vacuum drying ovens, heating cabinets, glassware cleaners and the corresponding accessories for each appliance. The new SalvisTEQ controller sets new benchmarks in modern laboratory equipment and has equipment-specific options for individual needs in addition to the standardized functions.

With our well-trained team, we offer you comprehensive advice on our equipment as well as reliable on-site service. Our collaboration with partners means there is an extensive global network to meet all needs in the laboratory field and we are also in a position to provide you with support extending beyond individual items of equipment, both as a consultant and an intermediary.

Our Core Competences

Counselling Competence
Our laboratory experts are eager to support you in all facets of laboratory technology. They will advise you accurately on all pertinent norms, legal provisions and safety aspects.

Planning and Engineering Competence
Our specialists are at your disposal to carry out the planning of the entire project. They even cover the engineering part, from media supply of the individual work place all the way to interfacing with the building control systems.

System Competences
In addition to being a dependable supplier of laboratory installations and equipment, we are your comprehensive one-stop service for counselling, planning/engineering, production, installation and maintenance/service. This is the key and guarantee for decades of perfect performance of your laboratories.



165 liter Models



SCD G6

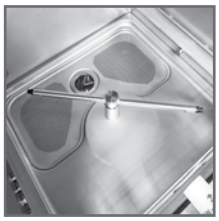


SCD 2560
SC 2560

UNDER BENCH MODELS. Machines equipped with a manual opening and closing door made in double tempered glass (SCD G6) or stainless steel (SCD 2560 and SC 2560), for laboratory glassware with 2 independent levels. SCD G6 and SCD 2560 are equipped with a system that filter, electrically heat and force, with a powerfull blower, the air in the wash chamber and inside the hollow instruments, to obtain an excellent drying result. A wide range of racks, nozzles and accessories complete these machines, suitable to wash and dry a wide variety of laboratory glassware.



Filter



Dry chamber



External printer



USB memory



Touch control system

Technical features	SCD G6	SCD 2560	SC 2560
External dimension (WxDxH)	600 x 650 x 845 mm		
Chamber dimension (WxDxH)	550 x 500 x 600 mm		
Drying fan with filter	Standard		-
Max. absorbed power	6.2 kW		
Standard/max. number of dosing pumps for chemicals	2/4		
Chemical tank capacity	5 l (separate)		
Device configuration options	**SCD G6**	**SCD 2560**	**SC 2560**
USB SLAVE interface for PC	Standard		
USB HOST interface for FLASH DRIVE	Standard		
Interface for external printer or data connection exchange	Standard		
Touch panel with color graphic display	Standard		
Certified according to standards 2006/42/EC, 2014/35/EU, 2014/30/EU, EN 61010-1 & 2-040, EN 61326-1	Standard		
Certificated plumbing system, designed to isolate the potable water pipeline system (water gap) type AB as prescribed by European Standard EN 1717	Standard		
UL certified	Optional		
Manual door with interlock	Standard		
Forced air drying	Standard		-
Wash chamber made of high quality stainless steel; AISI 316L (EN1.4404)	Standard		
Hot water connection	Standard		
Cold water connection	Standard		
HEPA H14 filter	Standard		-
Conductivity probe	Standard		
Cold/hot water softener system	Standard		
Wash chamber LED light	Standard	-	
Demineralized water connection	Standard		
Spray arm monitor	Standard		
Chemical Flowmeters	Optional		
External printer	Optional		

The reference values are based on a voltage of 230 V between Phase and Neutral (between Phase and Phase in three-phase versions without Neutral) with a possible variance between -5 and +10 %.

165 liter Models



SCD G9

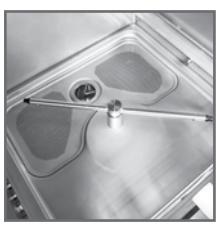


SCD 2590

UNDER BENCH MODELS. Machines equipped with a manual opening and closing door made in double tempered glass (SCD G9) or stainless steel (SCD 2590), for laboratory glassware with 2 independent levels. Both cleaners are equipped with a system that filter, electrically heat and force, with a powerfull blower, the air in the wash chamber and inside the hollow instruments, to obtain an excellent drying result. A wide range of racks, nozzles and accessories complete these machines, suitable to wash and dry a wide variety of laboratory glassware.



Filter



Wash chamber with multi filters



Chemicals



Touch control system



USB memory



Built-in printer

Technical features	SCD G9	SCD 2590
External dimension (WxDxH)	900 x 650 x 845 mm	
Chamber dimension (WxDxH)	550 x 500 x 600 mm	
Max. drying fan flow rate with filter	180 m^3/h	
Max. absorbed power	6.2 kW	
Standard/max. number of dosing pumps for chemicals	2/4	
Chemical tank capacity	5 l	
Device configuration options	**SCD G9**	**SCD 2590**
USB SLAVE interface for PC	Standard	
USB HOST interface for FLASH DRIVE	Standard	
Interface for external printer or data connection exchange	Standard	
Touch panel with color graphic display	Standard	
Certified according to standards 2006/42/EC, 2014/35/EU, 2014/30/EU, EN 61010-1 & 2-040, EN 61326-1	Standard	
Certificated plumbing system, designed to isolate the potable water pipeline system (water gap) type AB as prescribed by European Standard EN 1717	Standard	
UL certified	Optional	
Manual door with interlock	Standard	
Forced air drying	Standard	
Wash chamber made of high quality stainless steel; AISI 316L (EN1.4404)	Standard	
Hot water connection	Standard	
Cold water connection	Standard	
HEPA H14 filter	Standard	
Conductivity probe	Standard	
Cold/hot water softener system	Standard	
Wash chamber LED light	Standard	-
Demineralized water connection	Standard	
Spray arm monitor	Standard	
Chemical Flowmeters	Optional	
Built-in printer installed in the side panel	Optional	

The reference values are based on a voltage of 230 V between Phase and Neutral (between Phase and Phase in three-phase versions without Neutral) with a possible variance between -5 and +10 %.

165 liter Models

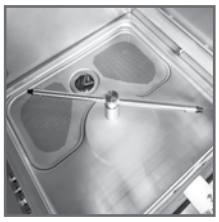


SD 1

UNDER BENCH MODEL. DRYER ONLY. Machine equipped with a manual opening and closing door made in stainless steel for laboratory glassware with 2 independent levels. SD 1 is equipped with a system that filter, electrically heat and force, with a powerfull blower, the air in the chamber and inside the hollow instruments, to obtain an excellent drying result.



Filter



Dry chamber



External printer



USB memory



Touch control system

Technical features	SD 1
External dimension (WxDxH)	600 x 650 x 845 mm
Chamber dimension (WxDxH)	550 x 500 x 600 mm
Max. drying fan flow rate with filter	180 m^3/h
Max. absorbed power	6.2 kW
Standard/max. number of dosing pumps for chemicals with flowmeters	-
Chemical tank capacity	-
Device configuration options	**SD 1**
USB SLAVE interface for PC	Standard
USB HOST interface for FLASH DRIVE	Standard
Interface for external printer or data connection exchange	Standard
Touch panel with color graphic display	Standard
Certified according to standards 2006/42/EC, 2014/35/EU, 2014/30/EU, EN 61010-1, EN 61326-1	Standard
Certificated plumbing system, designed to isolate the potable water pipeline system (water gap) as prescribed by European Standard EN 1717	Standard
UL certified	Optional
Manual door with interlock	Standard
Forced air drying	Standard
Wash chamber made of high quality stainless steel; AISI 316L (EN1.4404)	Standard
HEPA H14 filter	Standard

The reference values are based on a voltage of 230 V between Phase and Neutral (between Phase and Phase in three-phase versions without Neutral) with a possible variance between -5 and +10 %.

265 liter Models



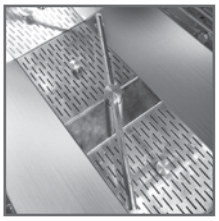
SCD G10



Built-in printer



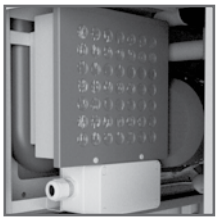
Touch control system



Chamber with spray arms



Detergents



Filter

MANUAL DOOR. Cleaner equipped with a manual opening and closing door made in double tempered glass, for laboratory glassware with 4 independent levels. The upper levels are removable for washing large materials. Is equipped with a system that filter, electrically heat and force, with a powerfull blower, the air in the wash chamber and inside the hollow instruments, to obtain an excellent drying result. A wide range of racks, nozzles and accessories complete these machines, suitable to wash and dry a wide variety of laboratory glassware.

Technical features	SCD G10
External dimension (WxDxH)	650 x 670 x 1850 mm
Chamber dimension (WxDxH)	560 x 585 x 800 mm
Max. drying fan flow rate with filter	150 m^3/h
Max. absorbed power	11,4 kW
Standard/max. number of dosing pumps for chemicals	2/4
Chemical tank capacity	5 l
Device configuration options	**SCD G10**
USB SLAVE interface for PC	Standard
USB HOST interface for FLASH DRIVE	Standard
Interface for external printer or data connection exchange	Standard
Touch panel with color graphic display	Standard
Certificated plumbing system, designed to isolate the potable water pipeline system (water gap) as prescribed by European Standard EN 1717	Standard
UL certified	Optional
Manual door with interlock	Standard
Forced air drying	Standard
Wash chamber made of high quality stainless steel; AISI 316L (EN1.4404)	Standard
Hot water connection	Standard
Cold water connection	Standard
HEPA H14 filter	Standard
Main switch ON/OFF. In accordance with the electrical connection	Optional
Empty Total System (E.T.S.)	Optional
Hybrid heating system (electric steam)	Optional
Demi water heating with boiler	Optional
Discharge pump	Standard
Conductivity probe	Standard
Water softener system	Standard
Wash chamber LED light	Standard
Demineralized water connection	Standard
Spray arm monitor	Standard
Chemical Flowmeters	Optional
Built-in printer frontally installed	Optional

The reference values are based on a voltage of 230 V between Phase and Neutral (between Phase and Phase in three-phase versions without Neutral) with a possible variance between -5 and +10 %.

Chamber rack insertion



Get the results by choosing SalvisLab washing racks

Made of excellent stainless steel

Up to 4 different rack levels

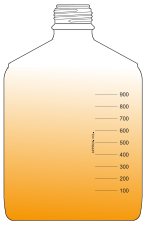
Flexibility of use

Racks for every kind of glassware

Choose the right nozzle for each type of glassware



Larger sized graduated cylinders

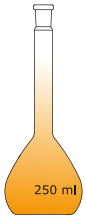


Larger sized bottles

Stainless steel nozzles

Ø 8 MM





High capacity flasks



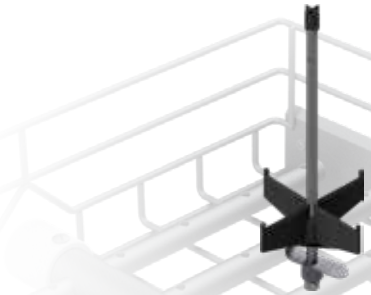
Low capacity flasks

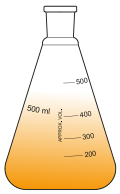


Graduated cylinders

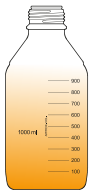
Standard nozzles

Ø 6 - 4 - 2.5 MM

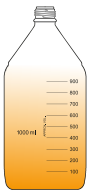




Erlenmeyer flasks wide neck



Wide neck bottles



Narrow neck bottles

Nozzles with flexible internal

Ø 6 MM



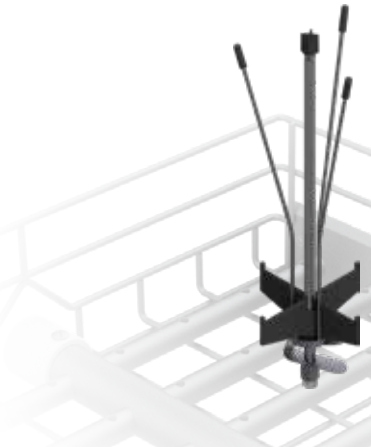
Weighing bottles

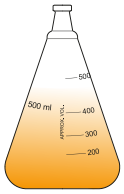


Graduated cylinders

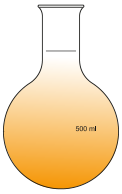


Imhoff cones

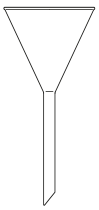




Erlenmeyer flasks narrow neck



Flat or round bottom flask narrow neck



Funnels

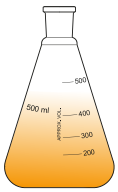


Graduated cylinders

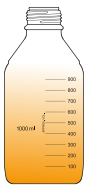
Nozzles with flexible external

Ø 6 MM





Erlenmeyer flasks wide neck

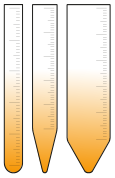


Wide neck bottles

Nozzles with rigid internal

Ø 6 MM

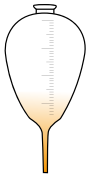




Test tubes



Low capacity flasks



Centrifuge tubes

Nozzles with rigid cap

Ø 2.5 MM



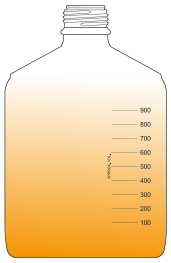
Ø 8 MM

STAINLESS STEEL NOZZLES

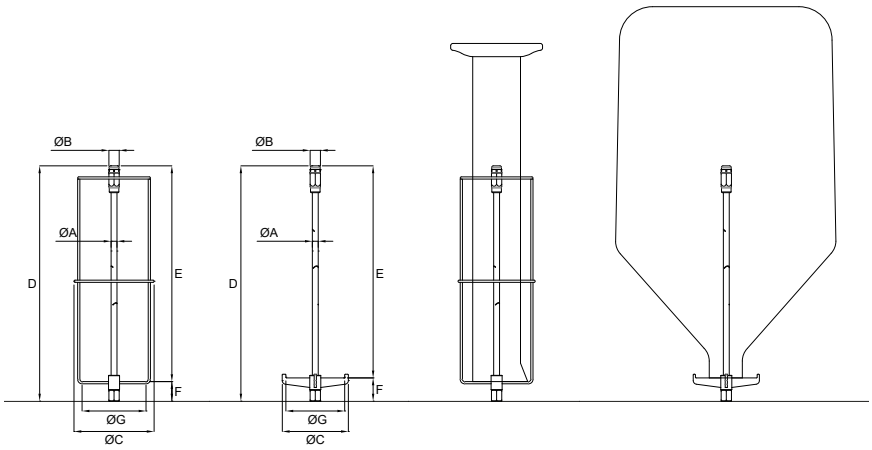
Stainless steel nozzles for larger sized glassware. Equipped with external rigid support or with stainless steel cross.



Larger sized graduated cylinders



Larger sized bottles



The following dimensions are useful for nozzle selection:

Z	distance of 10÷90 mm between the nozzle shaft and the bottom of the glassware.
D + Z	< H2 (if upper level) o H3 (if lower level).
E	for choosing the correct nozzle according to the glassware height.
ØB	for choosing the correct nozzle according to the glassware width.





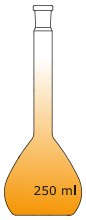


	NOZZLE Ø 8 MM, D=90 MM, H=320 MM	NOZZLE Ø 8 MM, H=320 MM	NOZZLE Ø 8 MM, H=420 MM
Product code	25F01329	25F01330	25F01334
Ø A	8 mm	8 mm	8 mm
Ø B	16 mm	16 mm	16 mm
Ø C	90 mm	105 mm	105 mm
D	320 mm	320 mm	420 mm
E	288.5 mm	293.5 mm	388.5 mm
F	31.5 mm	26.5 mm	31.5 mm
Ø G	87 mm	84 mm	84 mm

Ø 6 - 4 - 2.5 MM

STANDARD NOZZLES

Standard nozzles for washing the following glassware:



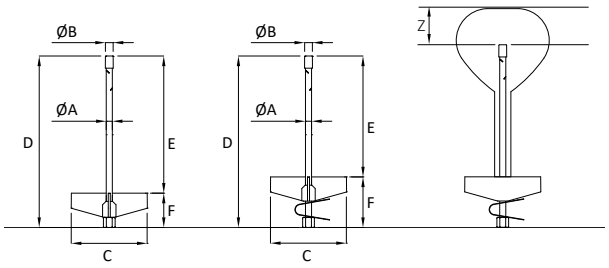
High capacity flasks



Low capacity flasks



Graduated cylinders



The following dimensions are useful for nozzle selection:

Z	distance of 10÷90 mm between the nozzle shaft and the bottom of the glassware.
D + Z	< H2 (if upper level) o H3 (if lower level).
E	for choosing the correct nozzle according to the glassware height.
ØB	for choosing the correct nozzle according to the glassware width.

NOZZLES Ø 6 MM



	NOZZLE Ø 6 MM H=280 MM	NOZZLE Ø 6 MM H=230 MM	NOZZLE Ø 6 MM H=180 MM	NOZZLE Ø 6 MM H=140 MM	NOZZLE Ø 6 MM H=120 MM
Product code	25F01307	25F01306	25F01305	25F01304	25F01303
Ø A	6 mm	6 mm	6 mm	6 mm	6 mm
Ø B	10 mm	10 mm	10 mm	10 mm	10 mm
C	75 mm	75 mm	75 mm	75 mm	75 mm
D	280 mm	230 mm	180 mm	140 mm	120 mm
E	230 mm	180 mm	130 mm	90 mm	85 mm
F	50 mm	50 mm	50 mm	50 mm	34 mm
Spring	✓	✓	✓	✓	×

NOZZLES Ø 4 MM





	NOZZLE Ø 4 MM H=176 MM	NOZZLE Ø 4 MM H=111 MM	NOZZLE Ø 4 MM H=76 MM
Product code	25F01318	25F01317	25F01316
Ø A	4 mm	4 mm	4 mm
Ø B	6 mm	6 mm	6 mm
C	54 mm	54 mm	54 mm
D	176 mm	111 mm	76 mm
E	130 mm	65 mm	44 mm
F	47 mm	47 mm	32 mm
Spring	✓	✓	×

NOZZLES Ø 2.5 MM



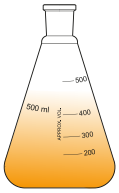


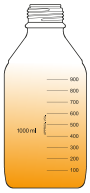
	NOZZLE Ø 2.5 MM H=156 MM	NOZZLE Ø 2.5 MM H=81 MM	NOZZLE Ø 2.5 MM H=51 MM
Product code	25F01323	25F01322	25F01321
Ø A	2.5 mm	2.5 mm	2.5 mm
Ø B	4.5 mm	4.5 mm	4.5 mm
C	32 mm	32 mm	32 mm
D	156 mm	81 mm	51 mm
E	131 mm	56 mm	26 mm
F	25 mm	25 mm	25 mm
Spring	×	×	×

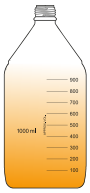
Ø 6 MM

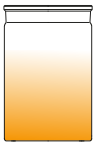
NOZZLES WITH FLEXIBLE INTERNAL

Nozzles with 3 flexible internal arms to block the glassware during washing, avoiding possible movements, falls and breakage of the glassware.
Suitable for washing the following glassware:


Erlenmeyer flasks wide neck

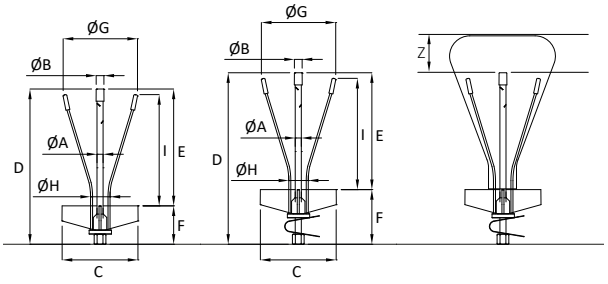

Wide neck bottles


Narrow neck bottles


Weighing bottles


Graduated cylinders


Imhoff cones



The following dimensions are useful for nozzle selection:

Z	distance of 10÷90 mm (0.4"÷3.5") between the nozzle shaft and the bottom of the glassware.
D + Z	< H2 (if upper level) o H3 (if lower level).
E	for choosing the correct nozzle according to the glassware height.
ØB	for choosing the correct nozzle according to the glassware width.



Stainless steel nozzle

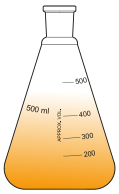


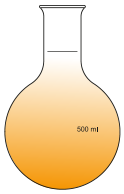
	NOZZLE Ø 6 MM H=280 MM	NOZZLE Ø 6 MM H=230 MM	NOZZLE Ø 6 MM H=230 MM	NOZZLE Ø 6 MM H=140 MM
Product code	25F01302	25F01301	25F01331	25F01300
Ø A	6 mm	6 mm	6 mm	6 mm
Ø B	10 mm	10 mm	10 mm	10 mm
C	75 mm	75 mm	85 mm	75 mm
D	280 mm	230 mm	230 mm	140 mm
E	230 mm	175 mm	185 mm	102 mm
F	55 mm	55 mm	45 mm	38 mm
Ø G	83 mm	83 mm	83 mm	83 mm
Ø H	22 mm	22 mm	22 mm	22 mm
I	170 mm	170 mm	180 mm	170 mm
Spring	✓	✓	✓	×

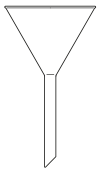
Ø 6 MM

NOZZLES WITH FLEXIBLE EXTERNAL

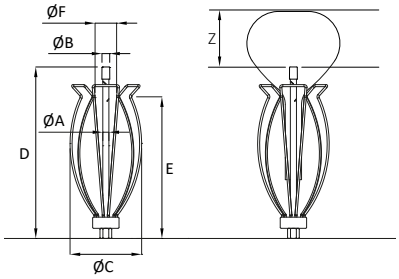
Nozzles with 3 flexible external arms to block the glassware during washing, avoiding possible movements, falls and breakage of the glassware.
Suitable for washing the following glassware:


Erlenmeyer flasks wide neck


Flat or round bottom flask narrow neck


Funnels


Graduated cylinders



The following dimensions are useful for nozzle selection:

Z	distance of 10÷90 mm between the nozzle shaft and the bottom of the glassware.
D + Z	< H2 (if upper level) o H3 (if lower level).
E	for choosing the correct nozzle according to the glassware height.
ØB	for choosing the correct nozzle according to the glassware width.



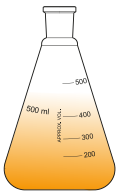


	NOZZLE Ø 6 MM H=280 MM	NOZZLE Ø 6 MM H=230 MM	NOZZLE Ø 6 MM H=180 MM
Product code	25F01315	25F01314	25F01313
Ø A	6 mm	6 mm	6 mm
Ø B	10 mm	10 mm	10 mm
C	79 mm (flexible)	73.5 mm (flexible)	73.5 mm (flexible)
D	280 mm	230 mm	180 mm
E	166 mm	140 mm	140 mm
Ø F	48.5 mm	46.5 mm	46.5 mm

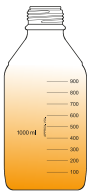
Ø 6 MM

NOZZLES WITH RIGID INTERNAL

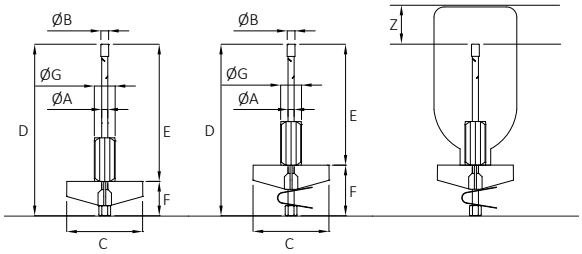
Nozzles with rigid internal bottle holder to block the glassware during washing, avoiding possible movements, falls and breakage of the glassware.
Suitable for washing the following glassware:



Erlenmeyer flasks wide neck



Wide neck bottles



The following dimensions are useful for nozzle selection:

Z	distance of 10÷90 mm (0.4"÷3.5") between the nozzle shaft and the bottom of the glassware.
D + Z	< H2 (if upper level) o H3 (if lower level).
E	for choosing the correct nozzle according to the glassware height.
ØB	for choosing the correct nozzle according to the glassware width.





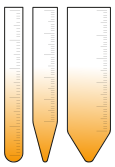


	NOZZLE Ø6 C+S+INT. C.28 H=280	NOZZLE Ø6 C+S+INT. C.28 H=230	NOZZLE Ø6 C+S+INT. C.28 H=180	NOZZLE Ø6 C+S+INT. C.28 H=140	NOZZLE Ø6 C+INT. C.28 H=120
Product code	25F01312	25F01311	25F01310	25F01309	25F01308
Ø A	6 mm	6 mm	6 mm	6 mm	6 mm
Ø B	10 mm	10 mm	10 mm	10 mm	10 mm
C	75 mm	75 mm	75 mm	75 mm	75 mm
D	280 mm	230 mm	180 mm	140 mm	120 mm
E	230 mm	180 mm	130 mm	90 mm	85 mm
F	50 mm	50 mm	50 mm	50 mm	34 mm
Ø G	28 mm	28 mm	28 mm	28 mm	28 mm
Spring	✓	✓	✓	✓	×

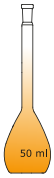
Ø 2.5 MM

NOZZLES WITH RIGID CAP

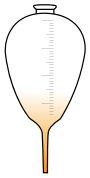
Nozzles with internal rigid cap to block the small glassware during washing, avoiding possible movements, falls and breakage of the small glassware.
A110 is equipped with a spring to block small test tubes.
Suitable for washing the following glassware:



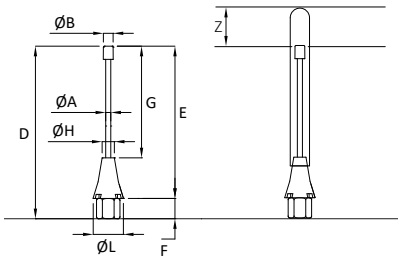
Test tubes



Low capacity flasks



Centrifuge tubes



The following dimensions are useful for nozzle selection:

Z	distance of 10÷90 mm (0.4"÷3.5") between the nozzle shaft and the bottom of the glassware.
D + Z	< H2 (if upper level) o H3 (if lower level).
E	for choosing the correct nozzle according to the glassware height.
ØB	for choosing the correct nozzle according to the glassware width.

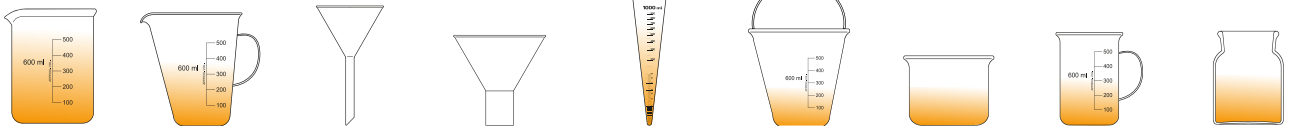




	NOZZLE Ø2.5 P H=81	NOZZLE Ø2.5 P+S H=81
Product code	25F01319	25F01320
Ø A	2.5 mm	2.5 mm
Ø B	4.5 mm	4.5 mm
D	81 mm	81 mm
E	74 mm	74 mm
F	7 mm	7 mm
G	52 mm	52 mm
Ø H	5 mm	5 mm
Ø L	15.5 mm	15.5 mm
Spring	×	✓

LOWER STANDARD RACKS

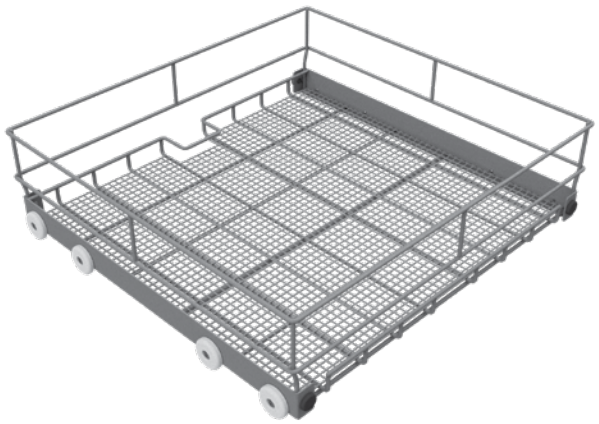
Washing racks positioned on the lower level, made in stainless steel, suitable for washing various glassware without nozzles.
For washing the following glassware:



Beakers | Jugs | Funnels | Powder funnels | Imhoff cones | Buckets | Cans | Mugs | Jars

LOWER RACK

Product code	25F01076
Loading dimensions WxD	500x485 mm
Grid dimension	8x8 mm

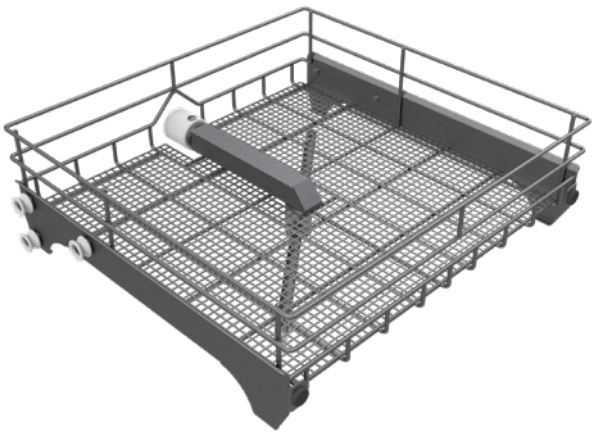


UPPER STANDARD RACKS

Washing racks positioned on the upper level, made in stainless steel, with spray arm, suitable for washing various glassware without nozzles.

UPPER RACK WITH SPRAY ARM

Product code	25F01088
Loading dimensions WxD	485x465 mm
Grid dimension	8x8 mm



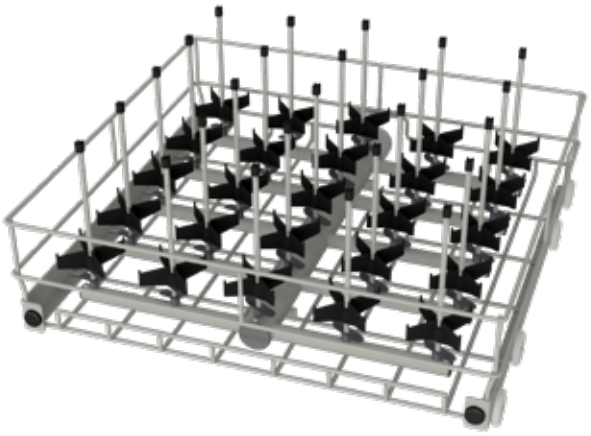
165 liter chamber

Standard racks

LOWER RACK + 25 ALL TYPES NOZZLES

Washing rack positioned on the lower levels, made in stainless steel, suitable for washing various glassware with nozzles.
The rack includes:

- Nozzle Ø 6 mm, H=180 mm
  25F01305

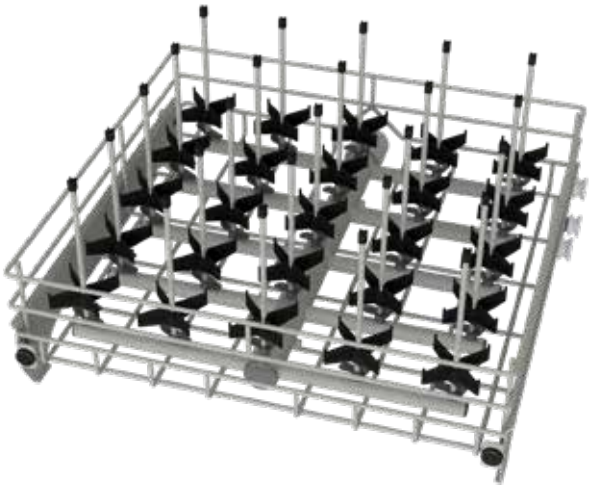


Product code	25F01182
Loading dimensions WxD	485x465 mm
Max glassware	Ø 89 mm

UPPER RACK + 25 ALL TYPES NOZZLES

Washing rack positioned on the upper levels, made in stainless steel, suitable for washing various glassware with nozzles.
The rack includes:

- Nozzle Ø 4 mm, H=111 mm
  25F01317



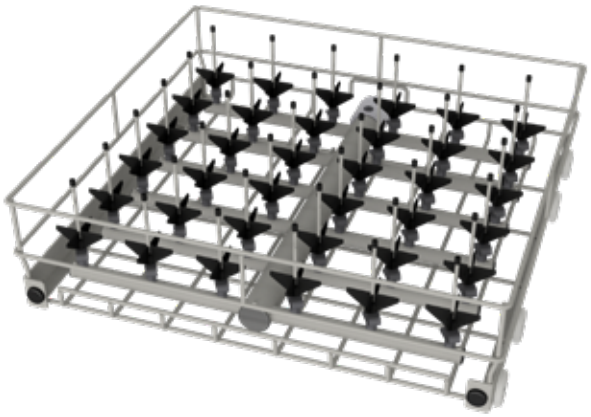
Product code	25F01194
Loading dimensions WxD	485x465 mm
Max glassware	Ø 90 mm

Standard racks

LOWER RACK + 36 ALL TYPES NOZZLES

Washing rack positioned on the lower levels, made in stainless steel, suitable for washing various glassware with nozzles.
The rack includes:

- Nozzle Ø 6 mm, H=180 mm
  25F01305

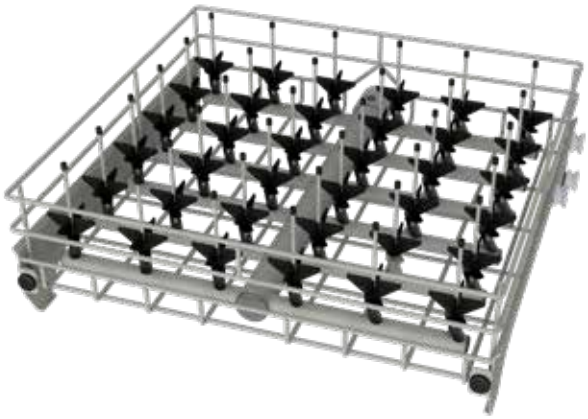


Product code	25F01181
Loading dimensions WxD	485x465 mm
Max glassware	Ø 73 mm

UPPER RACK + 36 ALL TYPES NOZZLES

Washing rack positioned on the upper levels, made in stainless steel, suitable for washing various glassware with nozzles.
The rack includes:

- Nozzle Ø 4 mm, H=111 mm
  25F01317



Product code	25F01193
Loading dimensions WxD	485x465 mm
Max glassware	Ø 74 mm

165 liter chamber

Empty racks

9 POS. LOWER 25F01085	
Max glassware	Ø 150 mm
Lower loading dimensions WxD	500x485 mm
Usable nozzles	All types

12 POS. LOWER 25F01048	
Max glassware	Ø 70 mm
Lower loading dimensions WxD	500x195 mm
Usable nozzles	All types

16 POS. LOWER 25F01084	
Max glassware	Ø 110 mm
Lower loading dimensions WxD	500x485 mm
Usable nozzles	All types

18 POS. LOWER 25F01083 / UPPER 25F01095	
Max glassware	Ø 105 mm
Lower loading dimensions WxD	500x485 mm
Upper loading dimensions WxD	485x465 mm
Usable nozzles	All types

25 POS. LOWER 25F01082 / UPPER 25F01094	
Max glassware	Ø 89 mm
Lower loading dimensions WxD	500x485 mm
Upper loading dimensions WxD	485x465 mm
Usable nozzles	All types

36 POS. LOWER 25F01097 / UPPER 25F01093	
Max glassware	Ø 73 mm
Lower loading dimensions WxD	500x485 mm
Upper loading dimensions WxD	485x465 mm
Usable nozzles	All types

41 POS. LOWER 25F01081	
Max glassware	Ø 70 mm
Lower loading dimensions WxD	500x485 mm
Upper loading dimensions WxD	485x465 mm
Usable nozzles	All types

56 POS. LOWER 25F01080 / UPPER 25F01092	
Max glassware	Ø 57 mm
Lower loading dimensions WxD	500x485 mm
Upper loading dimensions WxD	485x465 mm
Usable nozzles	Ø 2.5 - 4 mm

72 POS. LOWER 25F01079 / UPPER 25F01091	
Max glassware	Ø 50 mm
Lower loading dimensions WxD	500x485 mm
Upper loading dimensions WxD	485x465 mm
Usable nozzles	Ø 2.5 mm

110 POS. LOWER 25F01078 / UPPER 25F01090	
Max glassware	Ø 40 mm
Lower loading dimensions WxD	500x485 mm
Upper loading dimensions WxD	485x465 mm
Usable nozzles	Ø 2.5 mm

195 POS. LOWER 25F01077 / UPPER 25F01089	
Max glassware	Ø 30 mm
Lower loading dimensions WxD	500x485 mm
Upper loading dimensions WxD	485x465 mm
Usable nozzles	Ø 2.5 mm

18 POS. UPPER 25F01157	
Max glassware	Ø 70 mm
Upper loading dimensions WxD	485x245 mm
Usable nozzles	All types



18 + 121 POS. UPPER 25F01158	
Max glassware	Ø 70 + 20 mm
Upper loading dimensions WxD	485x465 mm
Usable 18 nozzles	All types
Usable 121 nozzles	Ø 2.5 mm

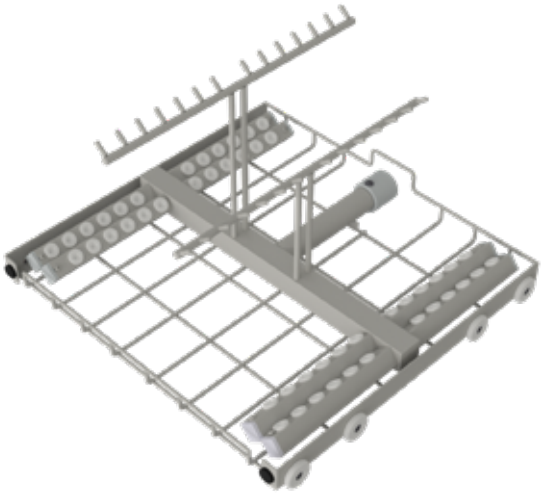


165 liter chamber

Washing by injection

LOWER RACK FOR PIPETTES

Washing racks positioned on the lower level, made in stainless steel, suitable for washing pipettes by injection. The racks are equipped with additional space for various glassware or accessories.

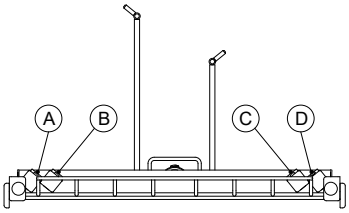


LOWER RACK 48 POS. PIPETTES

Product code	25F01086
Loading dimensions WxDxH	525x497x313 mm

Washable pipettes:

Position (see scheme below)	Min length	Max length
A	300 mm	500 mm
B	300 mm	475 mm
C	250 mm	510 mm
D	250 mm	535 mm





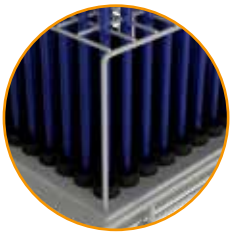
LOWER RACK 121 POS. PIPETTES

Product code	25F01086
Loading dimensions WxDxH	525x497x166 mm
Additional free space	225x215 mm + 225x215 mm

Washable pipettes:

Position	Min length	Max length
121	135 mm	450 mm

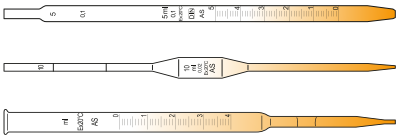






LOWER RACKS FOR PIPETTES

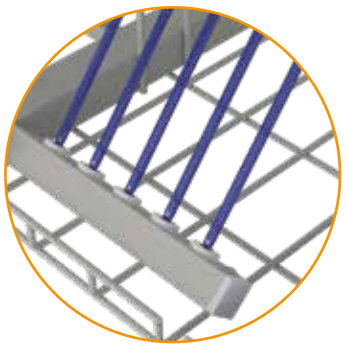
Washing racks positioned on the lower level, made in stainless steel, suitable for washing 5 pipettes and 9 Nozzle jets for Glasware.



Graduated pipettes

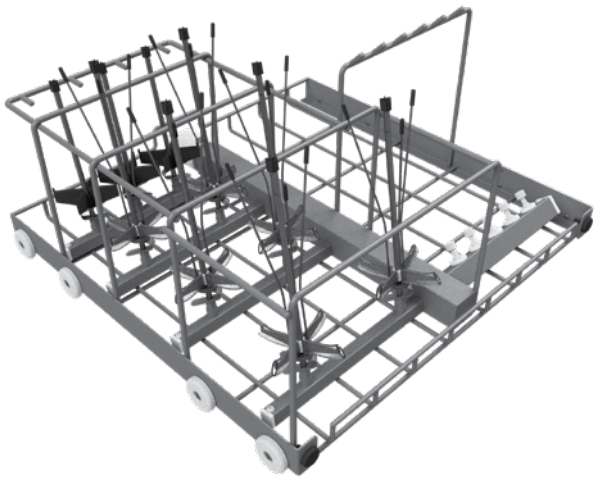
Bulb pipettes

Pasteur pipettes



With injection nozzle + injections for pipettes

LOW.RACK 5 POS. PIPETTES + 9 POS. NOZZLES



Washing rack positioned at the lower level with 9 nozzles for glassware and 5 positions for pipettes.
Includes:

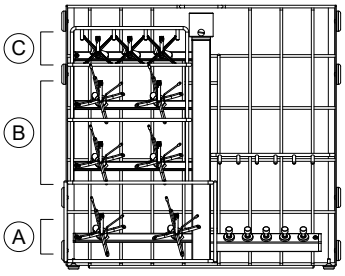
- 6 pcs. - 25F01331
- 3 pcs. - 25F01305

Product code	25F01160
Additional internal loading space dimensions WxD	230x270 mm



Washable glassware:

Position (see scheme below)	N° max positions	Ø max glassware
A	2	130 mm
B	4	98 mm
C	3	60 mm



Washable pipettes:

Min length	Max length
250 mm	535 mm

LOWER RACKS FOR LARGER SIZED BOTTLES

Washing racks positioned on the lower level, made in stainless steel, suitable for washing larger sized bottles.
For washing the following glassware:



Larger sized graduated cylinders 1 - 2 Liters





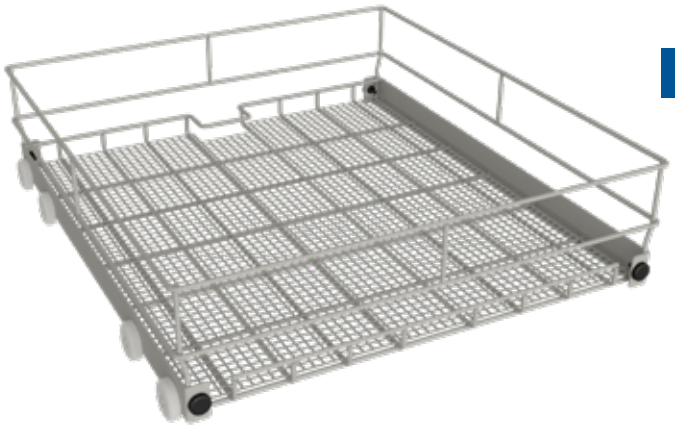
LOWER RACK 4/8 POS. 25F01075

Positionable nozzles:

N° max positions	Ø max glassware	Volume glassware	Usable nozzles
8	190 mm	1 Liter	25F01330
4 + 2	290 mm	1 Liter + / 2 Liters	25F01330
4	290 mm	2 Liter	25F01330

LOWER STANDARD RACKS

Washing racks positioned on the lower level, made in stainless steel, suitable for washing various glassware without nozzles.



With grid

LOWER RACK

Product code	25F01473
Loading dimensions WxD	499x497 mm
Grid dimension	8x8 mm

INTERMEDIATE STANDARD RACK

Washing rack positioned on the intermediate level, made in stainless steel, with spray arm, suitable for washing various glassware without nozzles.



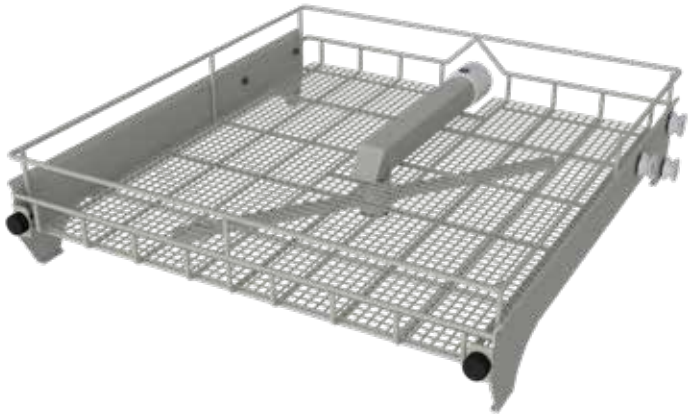
With grid

INTERMEDIATE RACK WITH SPRAYARM

Product code	25F01486
Internal loading dimensions WxD	483x530 mm
Grid dimension	8x8 mm

UPPER STANDARD RACKS

Washing racks positioned on the upper level, made in stainless steel, with spray arm, suitable for washing various glassware without nozzles.



With grid

UPPER RACK WITH SPRAY ARM

Product code	25F01487
Loading dimensions WxD	483x531 mm
Grid dimension	8x8 mm

Ion exchanger.

With the appropriate water treatment from us, we provide a system guarantee.

We recognize three basic types of service water for laboratory use:

Ultrapure water standards according to ASTM 1-3			
	Typ 1	Typ 2	Typ 3
µS/cm (max.)	0.056	1.0	0.25
Bacteria	<10	<1000	-
Resistance MΩ-cm (25°C)	18.0	1.0	4.0
TOC max. (µg/l)	50	50	200
Sodium max. (µg/l)	1	5	10
Silice (µg/l)	3	3	500
Chlorid (µg/l)	1	5	10

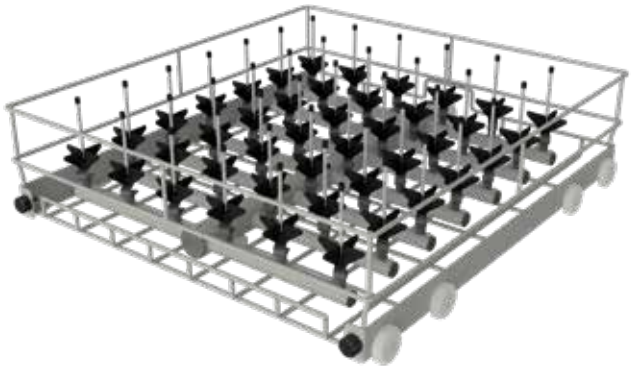
The production of these three types of water requires different processes.
As an innovative partner in the field of water quality, we offer a range of solutions.

Standard racks

LOWER RACK + 42 NOZZLE

Washing rack positioned on the lower levels, made in stainless steel, suitable for washing various glassware with nozzles.
The rack included:

- Ø 4 mm, H=111 mm
  25F01317



Product code	25F01535
Loading dimensions WxD	495x540 mm

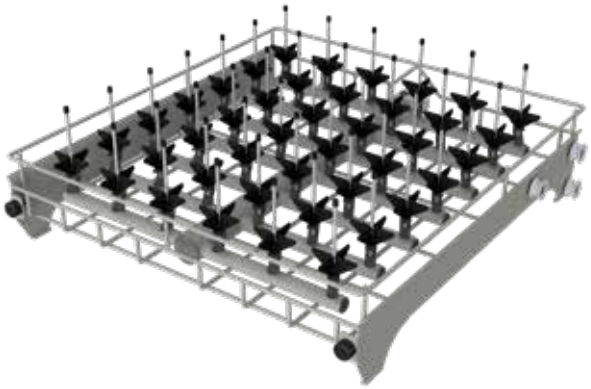
Positionable nozzles:

N° max positions	Ø max glassware	Usable nozzles
42	70 mm	All types

UPPER RACK + 42 NOZZLE

Washing rack positioned on the upper levels, made in stainless steel, suitable for washing various glassware with nozzles.
The rack included:

- Ø 4 mm, H=111 mm
  25F01317



Product code	25F01534
Loading dimensions WxD	485x530 mm

Positionable nozzles:

N° max positions	Ø max glassware	Usable nozzles
42	70 mm	All types

265 liter chamber

Empty racks

9 POS. LOWER 25F01482	
Max glassware	Ø 160 mm
Lower loading dimensions WxD	495x540 mm
Usable nozzles	All types

12 POS. LOWER 25F01481	
Max glassware	Ø 130 mm
Lower loading dimensions WxD	495x540 mm
Usable nozzles	All types

16 POS. LOWER 25F01480 / UPPER 25F01495	
Max glassware	Ø 110 mm
Lower loading dimensions WxD	495x540 mm
Upper loading dimensions WxD	485x530 mm
Usable nozzles	All types

20 POS. LOWER 25F01479 / UPPER 25F01494	
Max glassware	Ø 100 mm
Lower loading dimensions WxD	495x540 mm
Upper loading dimensions WxD	485x530 mm
Usable nozzles	All types

24 POS. LOWER 25F01468	
Max glassware	Ø 80 mm
Lower loading dimensions WxD	495x540 mm
Usable nozzles	All types

36 POS. LOWER 25F01478 / UPPER 25F01493	
Max glassware	Ø 80 mm
Lower loading dimensions WxD	495x540 mm
Upper loading dimensions WxD	485x530 mm
Usable nozzles	All types

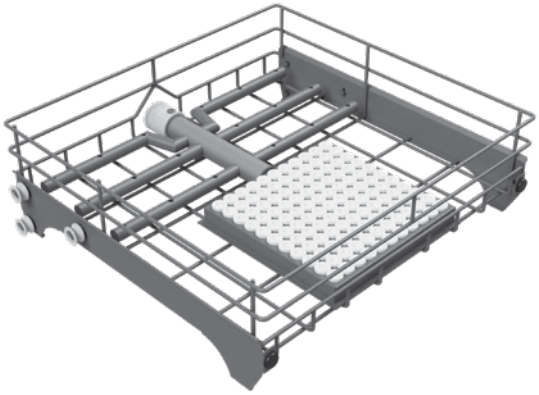
42 POS. LOWER 25F01477 / UPPER 25F01492	
Max glassware	Ø 70 mm
Lower loading dimensions WxD	495x540 mm
Upper loading dimensions WxD	485x530 mm
Usable nozzles	All types

56 POS. LOWER 25F01476 / UPPER 25F01491	
Max glassware	Ø 60 mm
Lower loading dimensions WxD	495x540 mm
Upper loading dimensions WxD	485x530 mm
Usable nozzles	Ø 2.5 - 4 mm

81 POS. LOWER 25F01475 / UPPER 25F01490	
Max glassware	Ø 52 mm
Lower loading dimensions WxD	495x540 mm
Upper loading dimensions WxD	485x530 mm
Usable nozzles	Ø 2.5 mm

110 POS. LOWER 25F01474 / UPPER 25F01489	
Max glassware	Ø 40 mm
Lower loading dimensions WxD	495x540 mm
Upper loading dimensions WxD	485x530 mm
Usable nozzles	Ø 2.5 mm

24 + 121 POS. LOWER 25F01466 / UPPER 25F01471	
Max glassware	Ø 75 + 20 mm
Lower loading dimensions WxD	495x540 mm
Upper loading dimensions WxD	485x530 mm
Usable 24 nozzles	All types
Usable 121 nozzles	Ø 2.5 mm



ONLINE SHOP
WWW.LABOPUR.CH



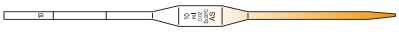
Washing by immersion

LOWER RACKS FOR PIPETTES

Washing racks positioned on the lower level, made in stainless steel, suitable for washing pipettes in immersion cassettes. The cassettes can be extracted for an easy load of the pipettes.
The racks are equipped with additional space for various glassware or accessories.
For washing the following glassware:



Graduated pipettes

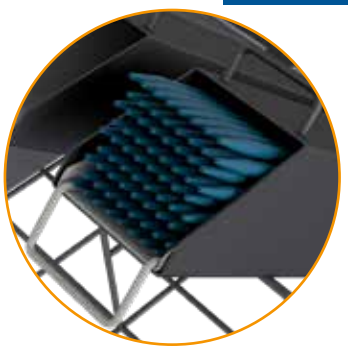


Bulb pipettes



Pasteur pipettes

Bulk washing

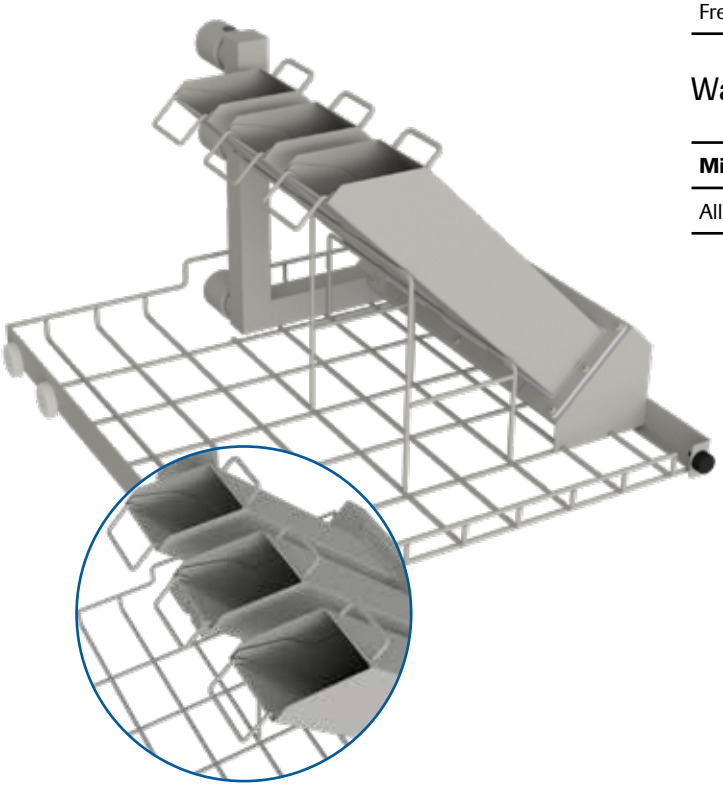


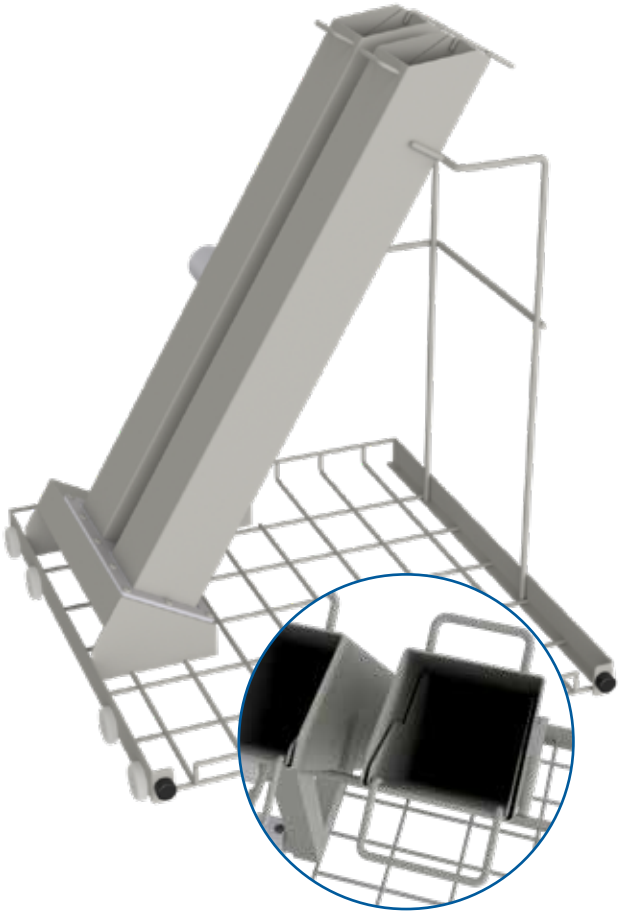
LOWER RACK 3 CASSETTES PIPETTES

Product code	25F01485
Free space dimensions WxD	220x538 mm

Washable pipettes:

Min length	Max length	Min Ø
All lengths	290 mm	3 mm





LOWER RACK 2 CASSETTES PIPETTES

Product code	25F01484
Free space dimensions WxD	220x538 mm

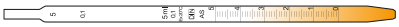
Washable pipettes:

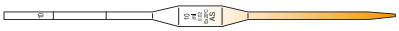
Min length	Max length	Min Ø
All lengths	520 mm	3 mm

Washing by injection

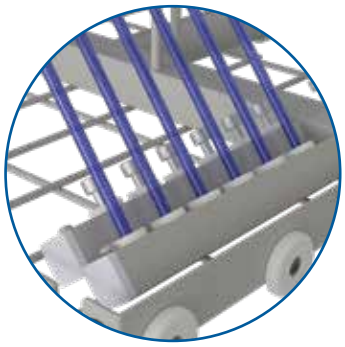
LOWER RACK FOR PIPETTES

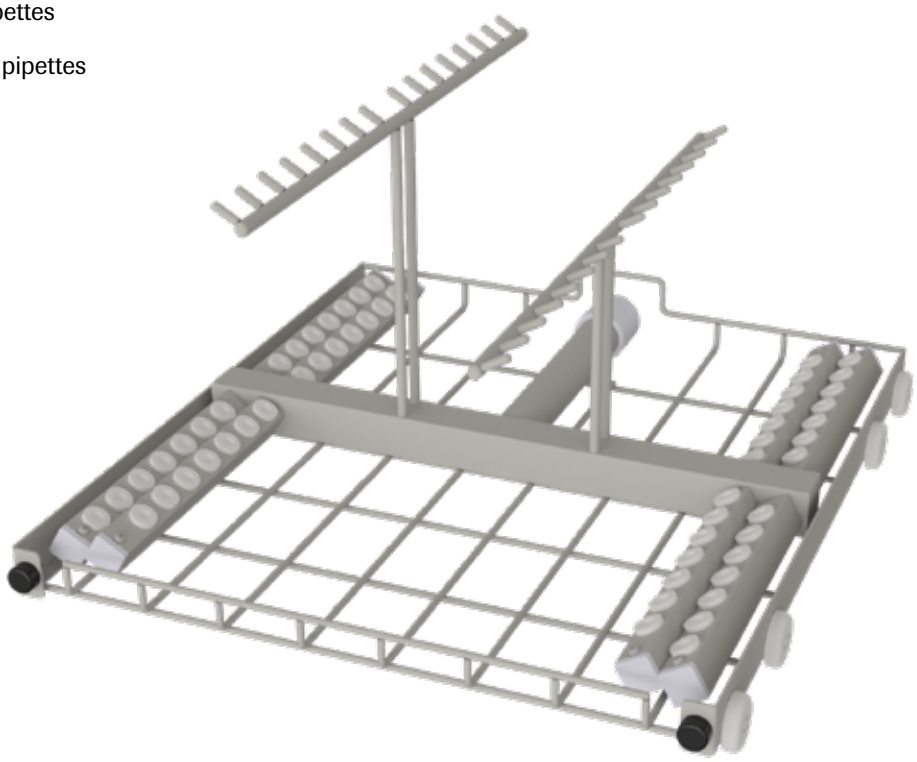
Washing rack positioned on the lower level, made in stainless steel, suitable for washing up to 56 pipettes by injection.
The rack is equipped with additional space for various glassware or accessories.
For washing the following glassware:


Graduated pipettes


Bulb pipettes


Pasteur pipettes



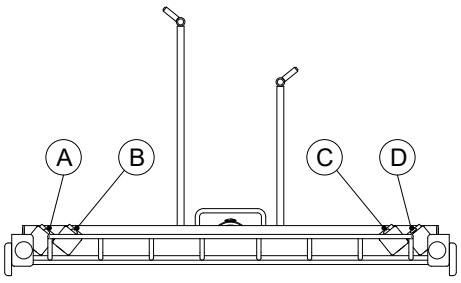


LOWER RACK 56 POS. PIPETTES

Product code	25F01483
Free space dimensions WxD	353x259 mm

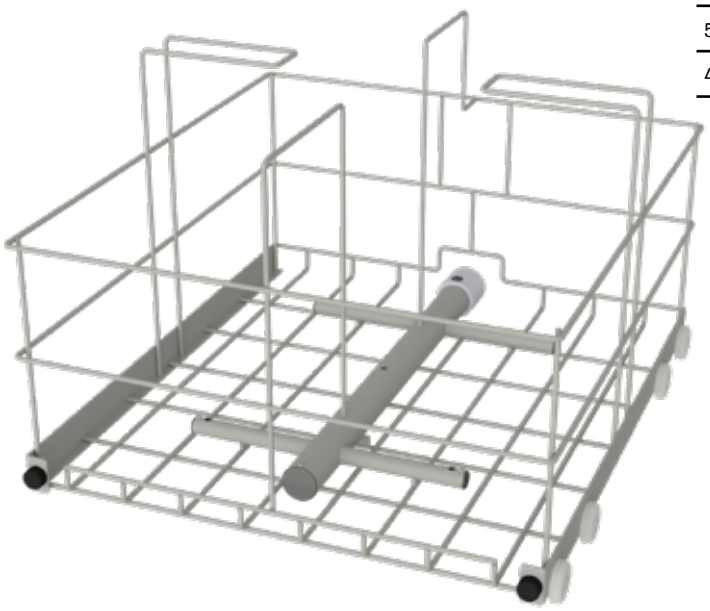
Min and max length of pipettes:

Position	Min	Max
A	300 mm	680 mm
B	300 mm	650 mm
C	250 mm	700 mm
D	250 mm	760 mm



LOWER RACKS FOR LARGER SIZED BOTTLES

Washing racks positioned on the lower level, made in stainless steel, suitable for washing larger sized bottles.



LOWER RACK 4 POS.

Product code	25F01498
Free space dimensions WxD	353x259 mm

Positionable nozzles and bottles:

N° max positions	Ø max glassware	Volume glassware	Usable nozzles
4	190 mm	5 Liter	25F01330
2	290 mm	10 Liter	25F01330
2	290 mm	20 Liter	25F01334

LOWER RACK 5 POS.

Product code	25F01498
Free space dimensions WxD	353x259 mm

Positionable nozzles and bottles:

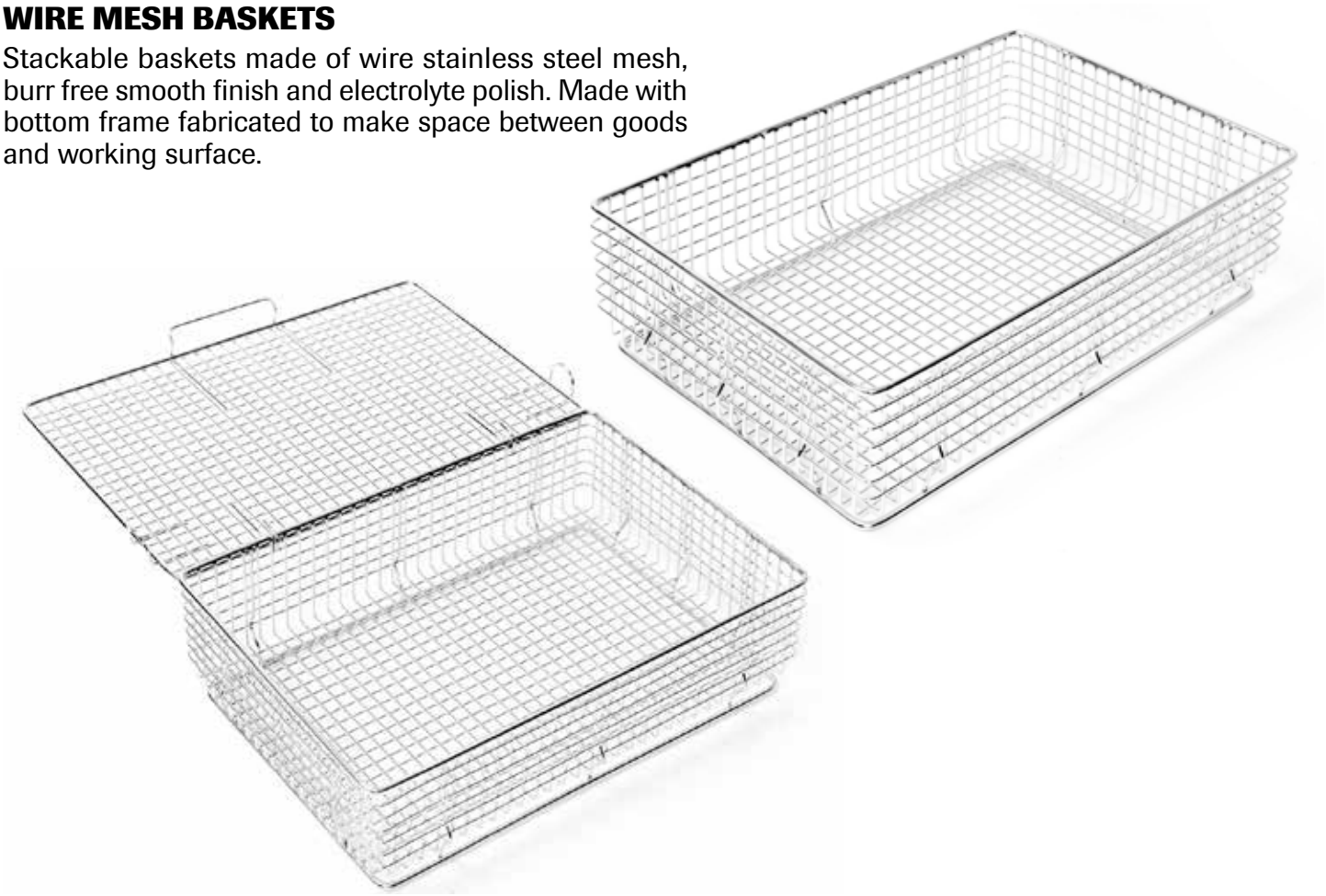
N° max positions	Ø max glassware	Volume glassware	Usable nozzles
5	190 mm	5 Liter	25F01330
4	240 mm	10 Liter	25F01330





WIRE MESH BASKETS

Stackable baskets made of wire stainless steel mesh, burr free smooth finish and electrolyte polish. Made with bottom frame fabricated to make space between goods and working surface.

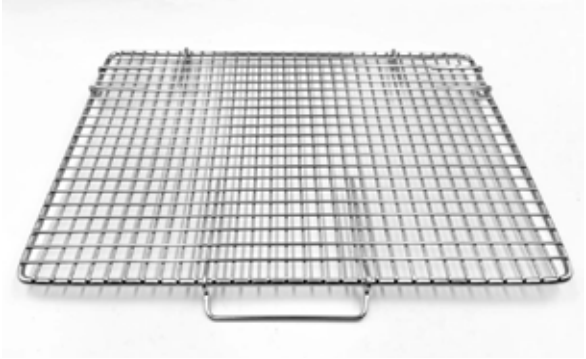


DIMENSIONS AVAILABLE

Product code	25F01369
Dimensions WxDxH	450x340x70 mm

Product code	25F01371
Dimensions WxDxH	340x250x70 mm

Product code	25F01373
Dimensions WxDxH	250x170x70 mm



LIDS FOR WIRE MESH BASKETS

Product code	25F01370
Dimensions WxD	450x340 mm

Product code	25F01372
Dimensions WxD	340x250 mm

Product code	25F01374
Dimensions WxD	250x170 mm

FINE MESH BASKETS

Baskets made of high quality stainless steel AISI 304, electro-polished, smooth round edges, burr free to protect, wraps and eliminate user injury.
The baskets have an innovative twist-off lid that is secure and easy to use.



DIMENSIONS AVAILABLE

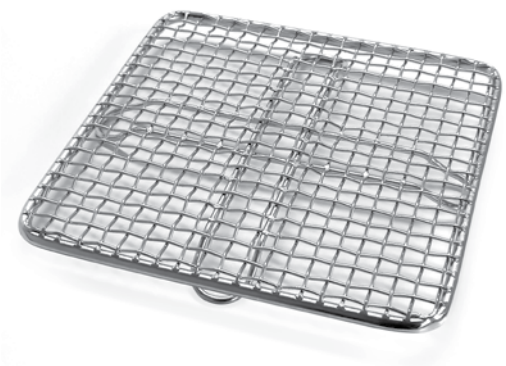
Product code	25F01375
Dimensions WxDxH	310x210x40 mm

Product code	25F01377
Dimensions WxDxH	210x150x40 mm

Product code	25F01360
Dimensions WxDxH	120x120x120 mm

Product code	25F01379
Dimensions WxDxH	100x100x60 mm





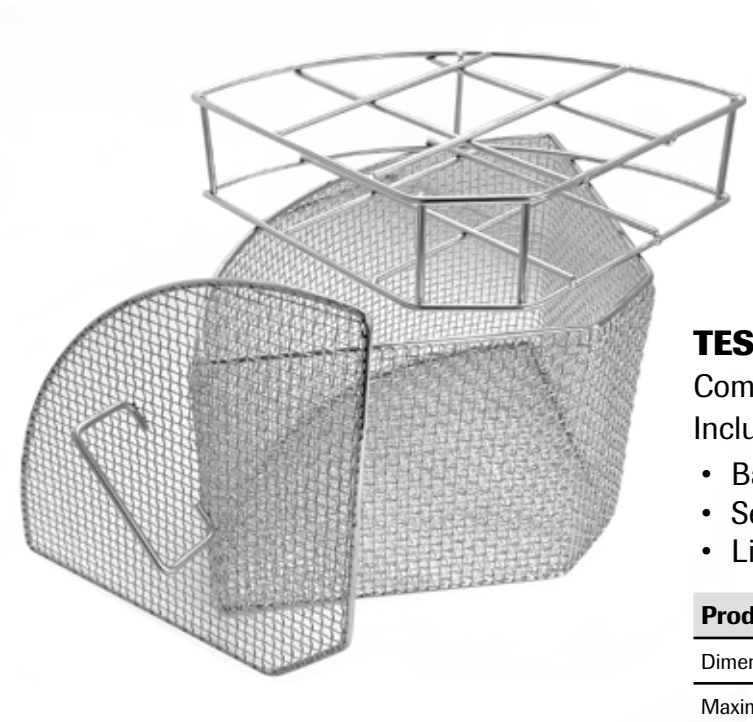
TWIST-OFF LIDS FOR FINE MESH BASKETS

Product code	25F01376
Dimensions WxD	310x210 mm

Product code	25F01378
Dimensions WxD	210x150 mm

Product code	25F01361
Dimensions WxD	120x120 mm

Product code	25F01380
Dimensions WxD	100x100 mm



TEST TUBES BASKETS, LIDS AND SEPARATORS

Baskets, lids and separators made of high quality stainless steel AISI 304, electro-polished, smooth round edges, burr free to protect, wraps and eliminate user injury.
Studied for an optimal loading of test tubes. The separator divide the basket into 8 sections.

TEST TUBES BASKET H=160 MM

Complete solution with dimensions
Included:

- Basket
- Separator
- Lid

Product code	25F01363
Dimensions WxDxH	227x227x160 mm
Maximum tube height	150 mm



BASKETS

Product code	25F01363
Dimensions WxDxH	227x227x100 mm

Product code	25F01364
Dimensions WxDxH	227x227x130 mm

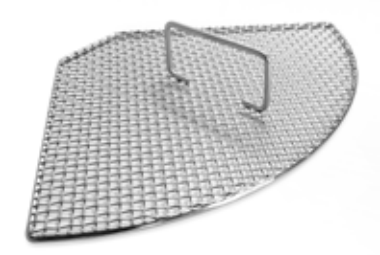
Product code	25F01381
Dimensions WxDxH	227x227x160 mm

Product code	25F01362
Dimensions WxDxH	227x227x200 mm

SEPARATOR FOR ALL BASKETS SIZE

Product code	25F01366
Dimensions WxD	227x227 mm





LID FOR ALL BASKETS SIZE

Product code	25F01365
Dimensions WxD	227x227 mm

CAP SCREW M8X1



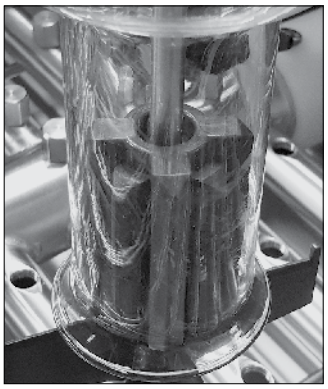
Hexagon head screw with polished M8x1 thread.
To be screwed to the positions of the rack where the nozzles are not placed, to allow the passage of the washing water only in the occupied positions.
To be used in combination with:

- Racks with positions
- Racks for larger sized bottles

Product code	25F01324

BOTTLE RIGID SUPPORT Ø 33 MM





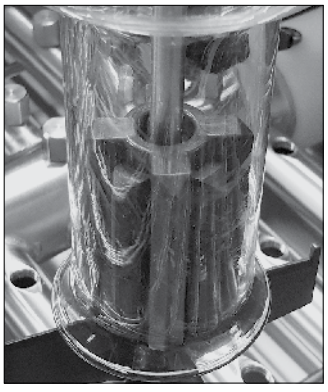
Bottle holder for nozzles with rigid inner Ø 6 mm.

- NOZZLE Ø 6 MM, H=120
  25F01308
- NOZZLE Ø 6 MM, H=140
  25F01309
- NOZZLE Ø 6 MM, H=180
  25F01310
- NOZZLE Ø 6 MM, H=230
  25F01311
- NOZZLE Ø 6 MM, H=280
  25F01312

Product code	25F01327

BOTTLE RIGID SUPPORT Ø 45 MM





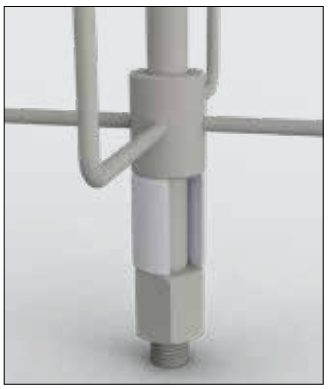
Bottle holder Ø 45 mm for nozzles with rigid inner Ø 6 mm.

- NOZZLE Ø 6 MM, H=120
  25F01308
- NOZZLE Ø 6 MM, H=140
  25F01309
- NOZZLE Ø 6 MM, H=180
  25F01310
- NOZZLE Ø 6 MM, H=230
  25F01311
- NOZZLE Ø 6 MM, H=280
  25F01312

Product code	25F01328

RAISING INSERT FOR NOZZLE Ø 8 MM





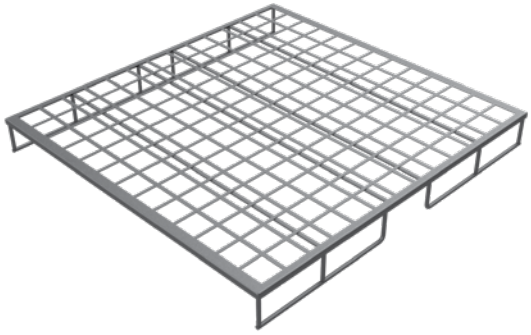
Raising insert for nozzles Ø 8 mm.

- NOZZLE Ø 8 MM, H=320
  25F01330
- NOZZLE Ø 8 MM, D=105, H=320
  25F01329

Product code	25F01332

RAISING GRID

Raising grid suitable for all washing rack with nozzle positions. Allows baskets, inserts and other accessories to be used on the racks.



Product code	25F01396
Loading dimensions WxDxH	477x522x51 mm

ADJUSTABLE NET COVER

Adjustable net cover for SCD G10 use with a cassette for 121 small glass nozzles. The net cover has an adjustable height to suit the height of the glassware used in the positions below.
To be used in combination with:

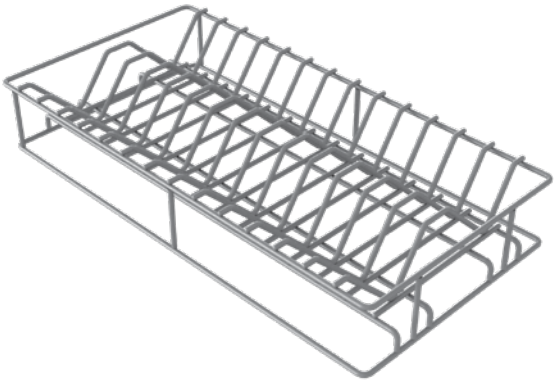
- LOWER RACK - 25F01469
- UPPER RACK - 25F01470



Product code	25F01368
Loading dimensions WxDxH	381x380x255 mm

INSERT FOR PETRI DISHES

Insert with 30 positions for petri dishes.
The insert is designed to allow the petri dishes to remain in place during washing.

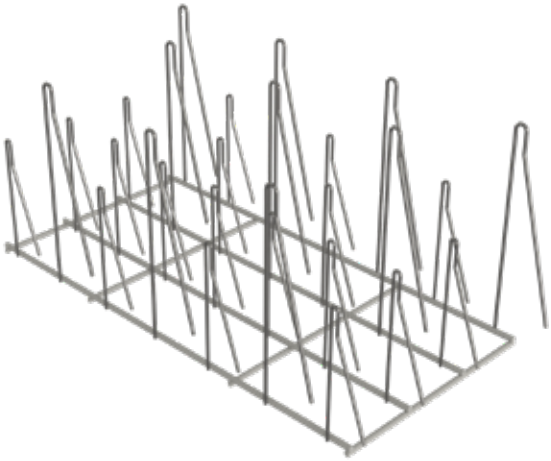


Product code	25F01326
Loading dimensions WxDxH	470x240x77 mm

INSERT 28 POS. GLASSWARE

Insert with spring hooks for varius sizes of glassware.
To be used in combination with:

- Standard washing racks



Product code	25F01367
Loading dimensions WxDxH	194x400x184 mm

STAINLESS STEEL STAND

Stand for SC/SCD/SD G6/2560/1 provide an ergonomics height of 146 cm, when the machine is not installed undercounter. Suitable for use as a detergent storage compartment.

Product code	25F01064
Loading dimensions WxDxH	600x585x600 mm



STAINLESS STEEL STAND L VERSION

Stand for SCD G9/2590 provide an ergonomics height of 146 cm, when the machine is not installed undercounter. Suitable for use as a detergent storage compartment.

Product code	25F01065
Loading dimensions WxDxH	900x585x600 mm



STAINLESS STEEL STAND 30 CM WITH DRAWER

Free standing side cabinet for Unterbench Models (165 liter chambers). Suitable for use as a detergent storage compartment.

Product code	25F01067
Loading dimensions WxDxH	300x585x845 mm

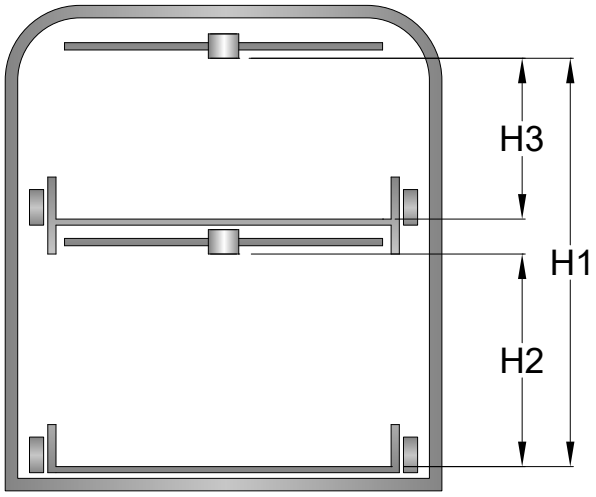


STAINLESS STEEL STAND 30 CM WITH DOOR

Free standing side cabinet for Underbench Models (165 liter chambers) including one shelf. Hinges on the right side. Suitable for use as a detergent storage compartment.

Product code	25F01066
Loading dimensions WxDxH	300x585x845 mm

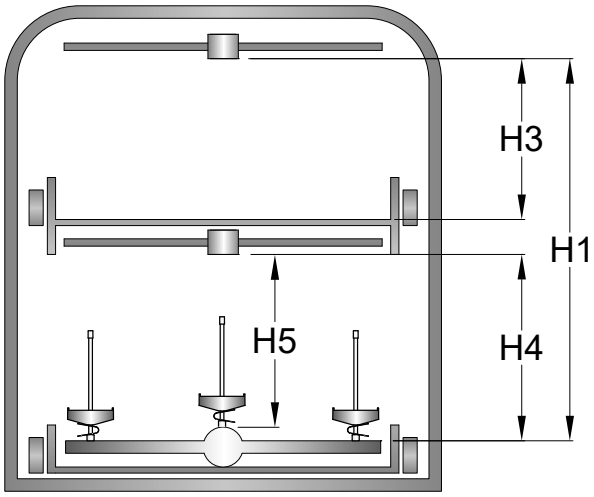




ALL LEVELS WITHOUT NOZZLE POSITIONS.

Upper level with spray arm.

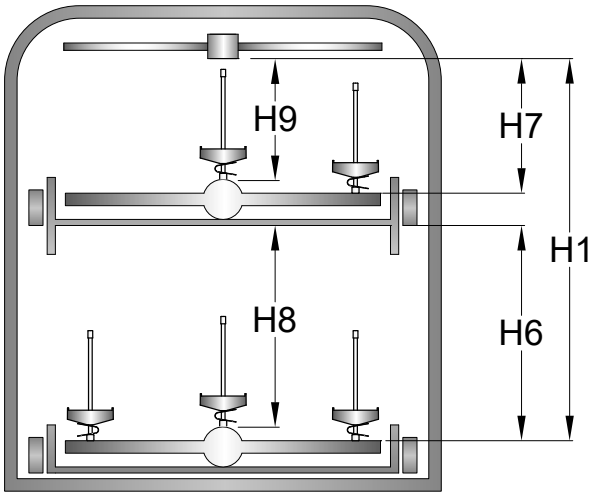
H1	462 mm
H2	235 mm
H3	175 mm



UPPER LEVEL WITHOUT NOZZLE POSITIONS. LOWER LEVEL WITH NOZZLE POSITIONS.

Upper level with spray arm.

H1	436 mm
H3	175 mm
H4	210 mm
H5	201 mm



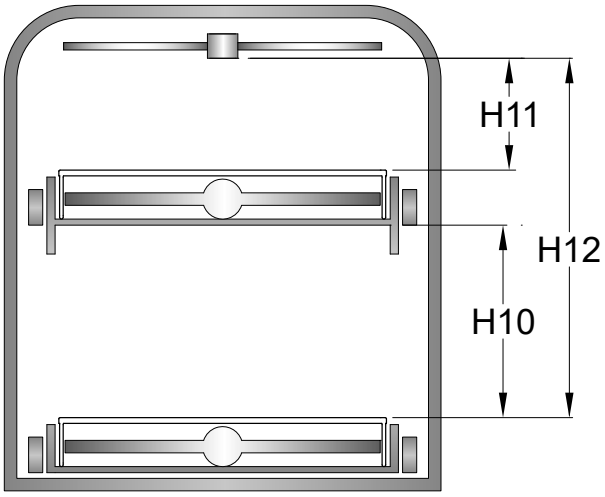
ALL LEVELS WITH NOZZLE POSITIONS.

Upper level with spray arm.

H1	436 mm
H6	245 mm
H7	150 mm
H8	236 mm
H9	141 mm

165 liter – Layer configuration scheme

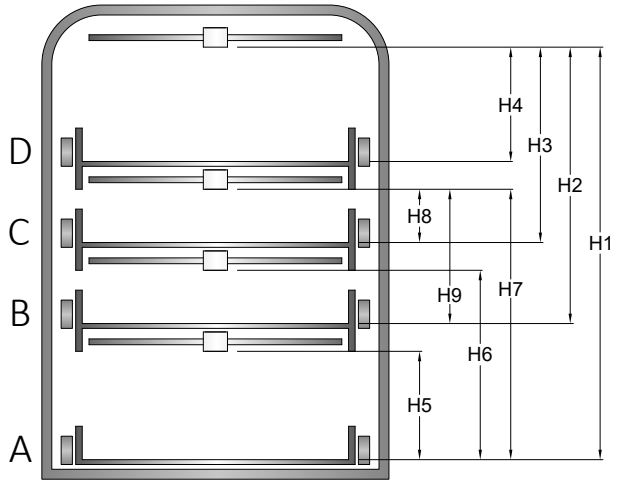
Useful space dimensions



ALL LEVELS WITH NOZZLE POSITIONS AND A126 ACCESSORY.

Upper level without spray arm.

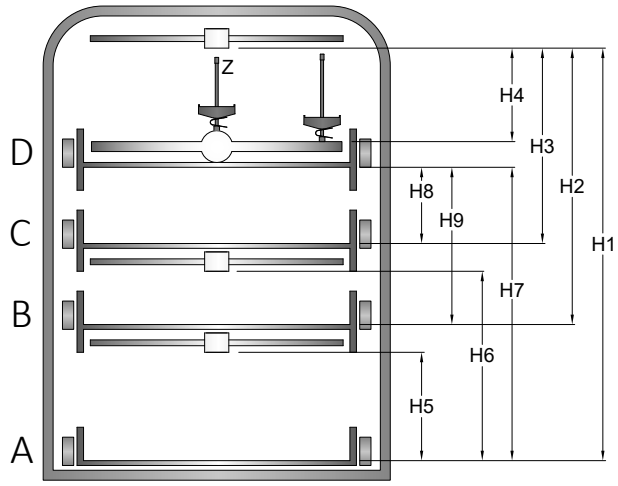
H10	184 mm
H11	124 mm
H12	412 mm



ALL LEVELS WITHOUT NOZZLE POSITIONS.

Upper and intermediate levels with spray arm.

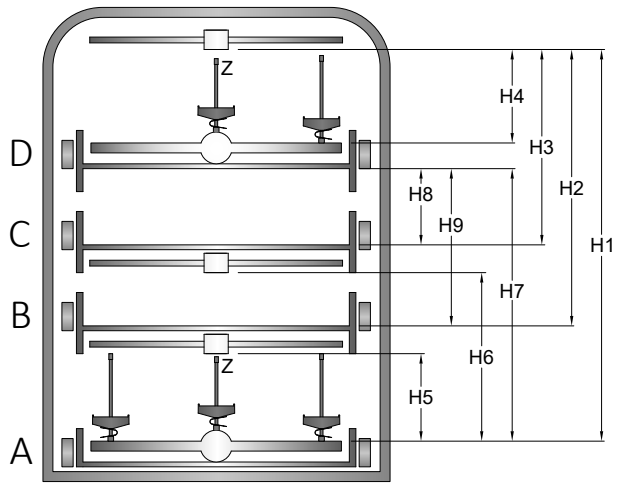
H1	640 mm	**H6**	240 mm
H2	450 mm	**H7**	360 mm
H3	350 mm	**H8**	69 mm
H4	230 mm	**H9**	169 mm
H5	140 mm		



UPPER LEVEL WITH NOZZLE POSITIONS. LOWER AND INTERMEDIATE LEVELS WITHOUT NOZZLE POSITIONS.

Intermediate levels with spray arm.

H1	640 mm	**H6**	240 mm
H2	450 mm	**H7**	395 mm
H3	350 mm	**H8**	105 mm
H4	205 mm	**H9**	207 mm
H5	140 mm	**H4 Z**	196 mm



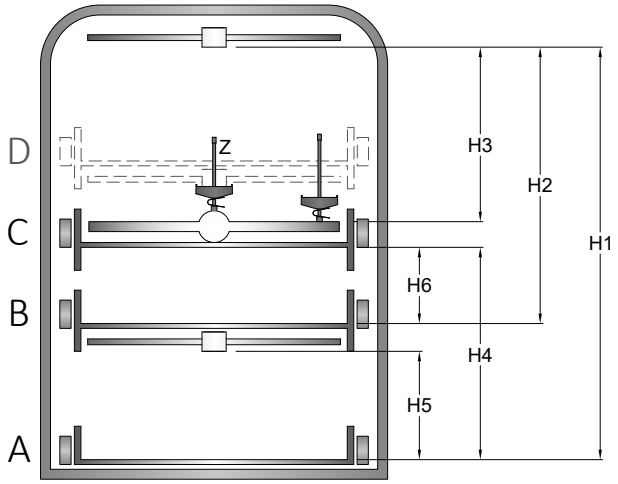
UPPER AND LOWER LEVELS WITH NOZZLE POSITIONS. INTERMEDIATE LEVELS WITHOUT NOZZLE POSITIONS.

Intermediate levels with spray arm.

H1	615 mm	**H7**	380 mm
H2	450 mm	**H8**	105 mm
H3	350 mm	**H9**	207 mm
H4	205 mm	**H4 Z**	196 mm
H5	125 mm	**H5 Z**	116 mm
H6	225 mm		

265 liter – Layer configuration scheme

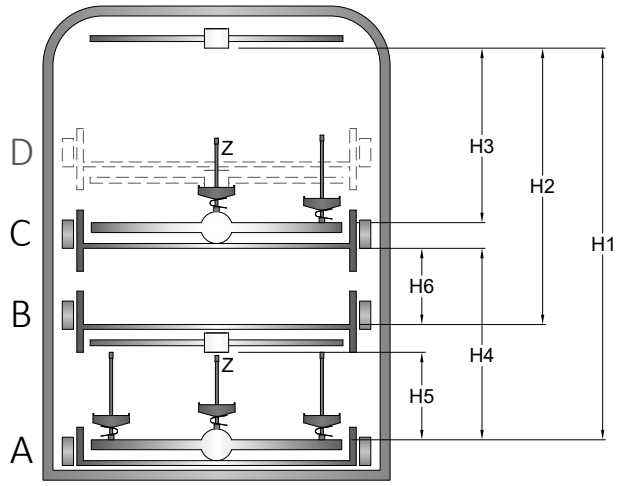
Useful space dimensions



UPPER LEVEL WITH NOZZLE POSITIONS. LOWER AND INTERMEDIATE LEVELS WITHOUT NOZZLE POSITIONS.

Intermediate levels with spray arm.
Upper level not present.

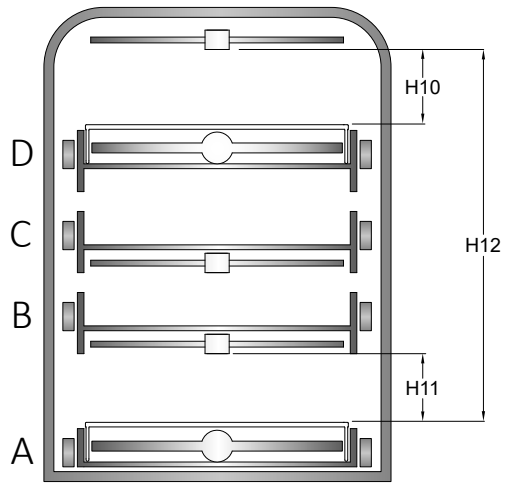
H1	640 mm	**H5**	140 mm
H2	450 mm	**H6**	85 mm
H3	325 mm	**H4 Z**	316 mm
H4	275 mm		



UPPER AND LOWER LEVELS WITH NOZZLE POSITIONS. INTERMEDIATE LEVELS WITHOUT NOZZLE POSITIONS.

Intermediate levels with spray arm.
Upper level not present.

H1	615 mm	**H5**	125 mm
H2	450 mm	**H6**	85 mm
H3	325 mm	**H4 Z**	316 mm
H4	250 mm	**H4 Z**	116 mm



UPPER AND LOWER LEVELS WITH NOZZLE POSITIONS AND A117 ACCESSORY.

Intermediate levels with spray arm.

H10	179 mm
H11	89 mm
H12	616 mm

Manufacturer:
Renggli AG
SalvisLab
Industrie-Ost
CH-6343 Rotkreuz
Switzerland
www.salvislab.com

Rev. 01.26



SwissTEQ

salvisLAB

renggli
Laboratory
Systems