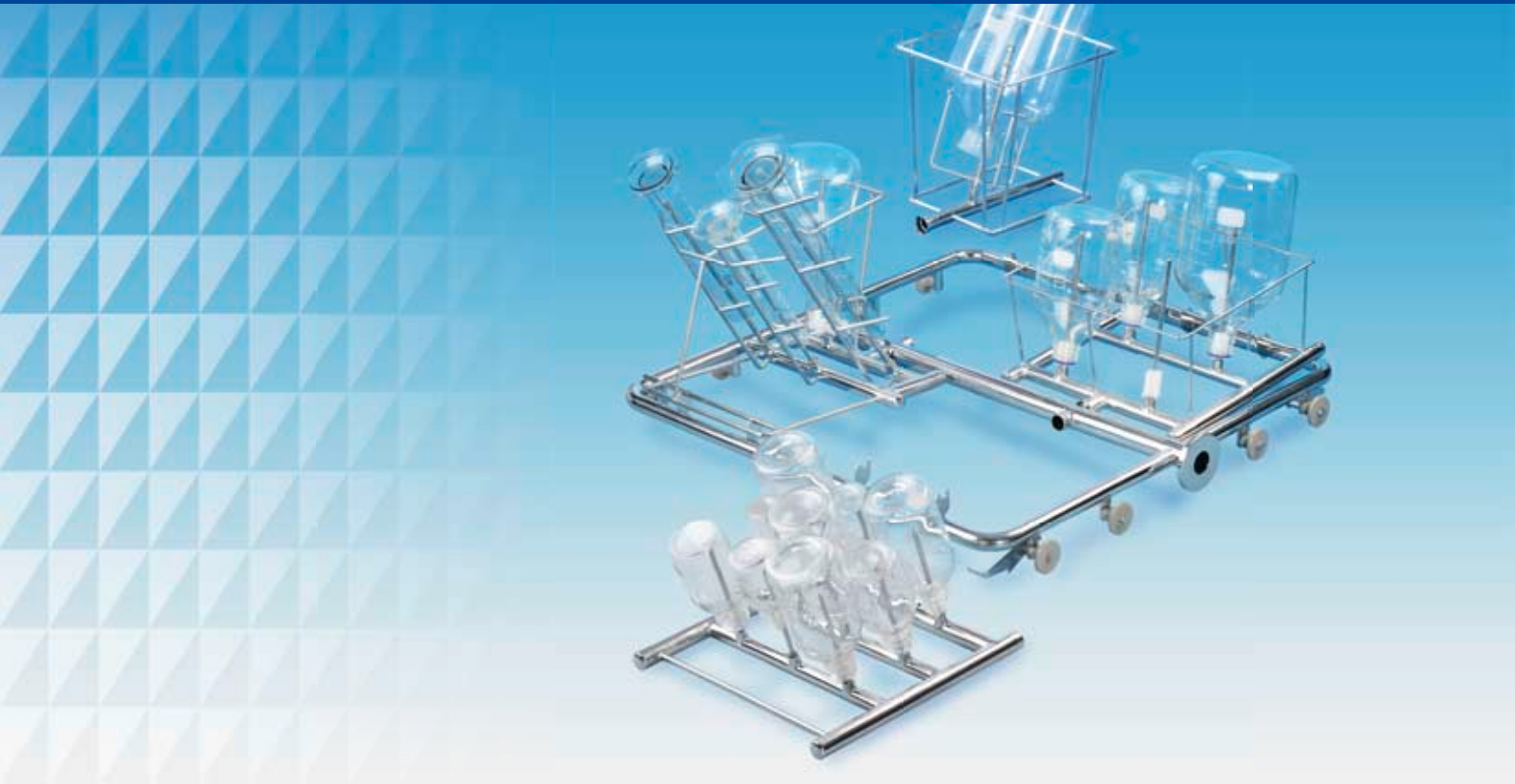


Racks, Baskets and Inserts



For pharma washers
PH 820.2 / PH 820.2H / PH 840.2 / PH 860.2 / PH 860.2L

Contents

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With its newly developed pharma type series PH 8xx.2, Belimed offers a washer family which is ideally adapted to efficient operation sequences in professional pharma processes. Through consequent realization of GMP-, GAMP- and FDA requirements and a large number of innovative technical solutions, Belimed washers represent a future-proof standard in the pharma industry. Intelligent design features ensure perfect self-cleaning of the machine, so product carryover of any kind is avoided. PH 820.2, PH 840.2 and PH 860.2 are basically identical in construction and operating mode. They solely differ in chamber size and therefore in loading capacity of washing items per batch.

With regard to the sensitive washing items and the high cleaning level requirements to be reached, Belimed pays particular attention to the development of racks. Fully developed customized solutions guarantee perfect cleaning results without spray shadows as well as complete drying of the washing items.

The washing items can be optimally positioned, especially with washing items becoming ever more complex, e.g. size parts; fittings or pump components with scoop cavities or fine bores. Belimed has unique experience and a high level of flexibility in this area. This is reflected in our extensive and individual solutions, as well as in the technological top position of the racks. Over 40 years experience in construction of GMP-compliant, customized racks, our flexibility considering individual customer requirements and excellent manufacturing quality constitute real added value for the customer.

Base

Utensils of most varied kinds which do not require direct injection, can easily be applied on the 1-level or 2-level base racks and treated. The different baskets and types of washing items can be combined with each other.





Basic rack 1-level

For loading of:

Items without direct injection:
Compatible for loading of e.g. 2 open baskets (769075)
WxDxH = 570 x 340 x 185 mm

Usable height: 670 mm

Equipped with:

1 piece rod support

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820150



Basic rack 2-levels

For loading of:

Items without direct injection.

Usable height
Lower level: 290 mm
Upper level: 290 mm

Equipped with:

2 pcs rod supports
1 piece spray arm between the levels

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820077



Basic rack 2-levels

For loading of:

Items without direct injection:
Compatible for loading of e.g. 4 open baskets (769075)
WxDxH = 570 x 340 x 185 mm

Usable height
Lower level: 508 mm
Upper level: 505 mm

Equipped with:

2 pcs rod supports
1 piece spray arm between the levels

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820565



Basic rack 1-level

For loading of:

Items without direct injection:
Compatible for loading of e.g. 2 open baskets (840711)
WxDxH = 790 x 380 x 185 mm

Usable height: 990 mm

Equipped with:

1 piece rod support

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 840028



Basic rack 2-levels

For loading of:
Items without direct injection.

Usable height
Lower level: 483 mm
Upper level: 430 mm

Equipped with:
1 piece spray arm between the levels
2 pcs rod supports

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **840432**



Basic rack 1-level

For loading of:
Items without direct injection:
Compatible for loading of e.g. 3 open baskets (840711)
WxDxH = 790 x 380 x 185 mm

Usable height: 1200 mm

Equipped with:
1 piece rod support

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **840153**



Basic rack 2-levels

For loading of:
Items without direct injection.

Usable height
Lower level: 449 mm
Upper level: 490 mm

Equipped with:
2 pcs spray arms between the levels
2 pcs rod supports

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **840617**



Basic rack 1-level

For loading of:
Items without direct injection:
Compatible for loading of e.g. 4 open baskets (843188)
WxDxH = 790 x 350 x 185 mm

Usable height: 1200 mm

Equipped with:
1 piece rod support

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **845297**



Basic rack 2-levels

For loading of:

Items without direct injection:
Compatible for loading of e.g. 8 open baskets (843188)
WxDxH = 790 x 350 x 185 mm

Usable height
Lower level: 485 mm
Upper level: 482 mm

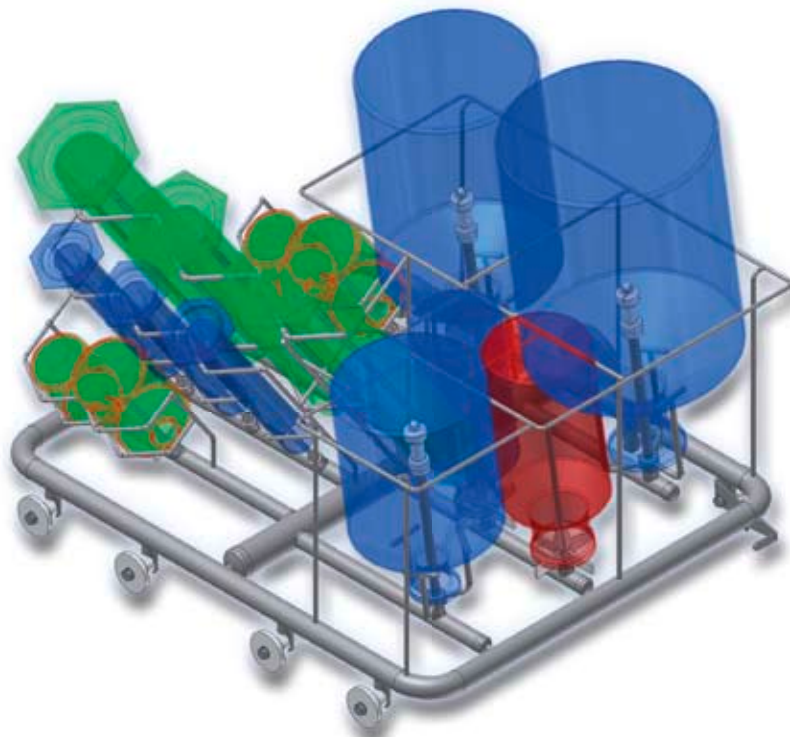
Equipped with:

2 pcs spray arms between the levels
2 pcs rod supports

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 **PH860.2L** **840822**

Glassware

Belimed jet racks offer a high degree of flexibility. Flasks, measuring cylinders and beakers can be treated easily and efficiently on one or two levels. Special retainers guarantee ideal positioning of the washing items. Direct or rotating cleaning nozzles additionally provide perfect cleaning results. The Belimed jet racks can be loaded with most varied glassware washing items at the same time, be it in running production or in the manufacturing of special glassware.





Rack for Duran bottles

For loading of:

4 pcs laboratory bottles 2.000 ml
 3 pcs laboratory bottles 5.000 ml
 2 pcs laboratory bottles 10 L or 20 L
 9 pcs screw caps GL45 (blue and red)

Equipped with:

7 pcs direct injection nozzles
 2 pcs rotating cleaning nozzles
 and appropriate basket system

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 823163



Rack for bottles

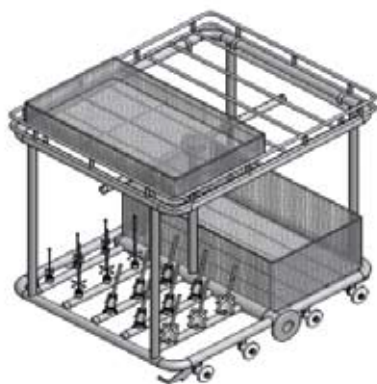
For loading of:

10 pcs bottles 4.000 ml
 2 pcs measuring cylinders 250 ml

Equipped with:

12 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820526



Rack for bottles and baskets

For loading of:

Lower level:
 3 pcs wide-neck bottles
 15 pcs various types of glassware

Upper level:
 Items without direct injection.

Equipped with:

1 piece spray arm between the levels
 Lower level:
 18 pcs exchangeable direct injection nozzles / 1 piece open basket (820211)
 WxDxH 570 x 340 x 185 mm
 Upper level:
 removeable rod support for 2 pcs open baskets (820394)
 WxDxH = 570 x 340 x 80 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 823339



Rack for glass flasks

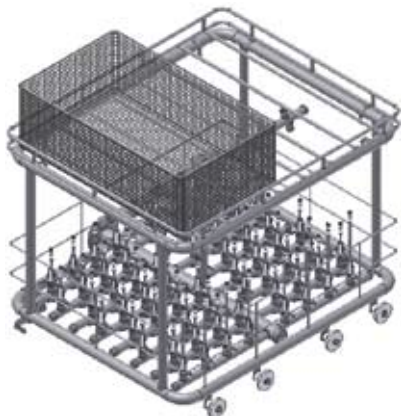
For loading of:

6 pcs glass flasks 6.000 ml or
 6 pcs laboratory bottles 5.000 ml
 (narrow-neck, wide-neck or with thread)

Equipped with:

6 pcs direct injection nozzles
 and appropriate retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820741



Rack for glassware

For loading of:

Lower level:
Various laboratory glasses

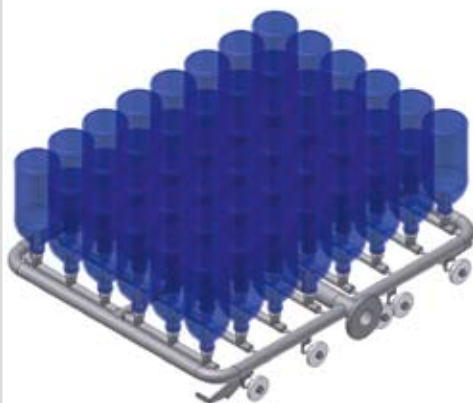
Upper level:

Designed as rod support for e.g. 2 pcs open baskets (769075)
WxDxH = 570 x 340 x 185 mm

Equipped with:

1 piece spray arm between the levels
56 pcs nozzles Ø 8 x 117 mm (845440)
8 pcs nozzles Ø 8 x 206 mm (845441)

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820617



Rack for infusion bottles

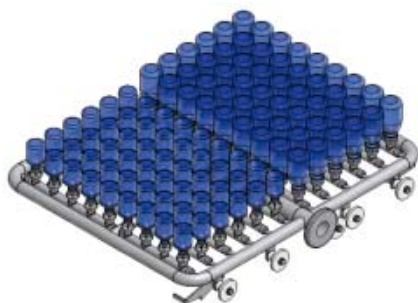
For loading of:

48 pcs infusion bottles 1.000 ml

Equipped with:

48 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820698



Rack for injection bottles

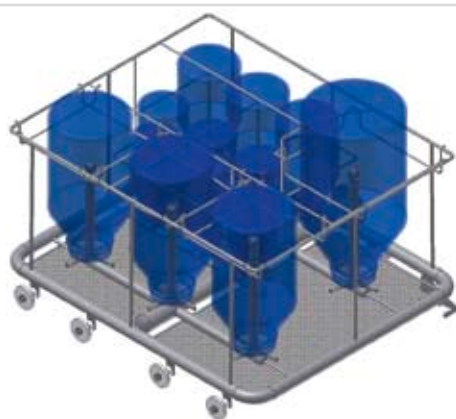
For loading of:

108 pcs injection bottles 10 - 100 ml or
108 pcs flasks 10 - 100 ml or
108 pcs infusion flasks 50 - 100 ml

Equipped with:

108 pcs direct injection nozzles
designed as bottle retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820842



Rack for laboratory bottles

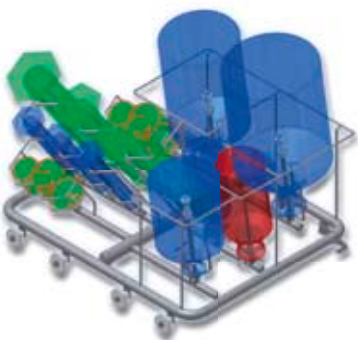
For loading of:

6 pcs laboratory bottles 1.000 ml
3 pcs laboratory bottles 2.000 ml
3 pcs laboratory bottles 5.000 ml or 10 L
1 piece laboratory bottle 10 L or 20 L

Equipped with:

9 pcs direct injection nozzles
4 pcs rotating cleaning nozzles
and various retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820490



Rack for laboratory bottles, Erlenmeyer flasks, measuring cylinders

For loading of:

3 pcs measuring cylinders 250 ml
 2 pcs measuring cylinders 1.000 ml
 1 piece measuring cylinder 2.000 ml
 2 pcs flasks 250 ml
 2 pcs flasks 500 ml
 1 piece bottle 2.000 ml, 4.000 ml, 9.000 ml, 13 l, 20 l each

Equipped with:

12 pcs direct injection nozzles
 3 pcs rotating cleaning nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820345



Rack for laboratory bottles with screw caps, measuring cylinders

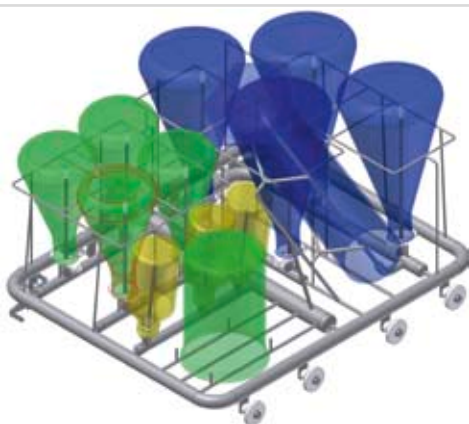
For loading of:

4 pcs laboratory bottles 10 L or 20 L,
 2 pcs measuring cylinders 2.000 ml
 with removable insert (807722)
 for screw caps (GL 45 blue)

Equipped with:

4 pcs rotating cleaning nozzles
 2 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820641



Rack for laboratory bottles, Erlenmeyer flasks, measuring cylinders

For loading of:

3 pcs laboratory bottles 1.000 ml
 4 pcs Erlenmeyer flasks 5.000 ml
 4 pcs Erlenmeyer flasks 2.000 ml
 1 piece measuring cylinder 5.000 ml
 1 piece beaker 5.000 ml

Equipped with:

12 pcs direct injection nozzles
 and various retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820144



Rack for laboratory bottles, measuring cylinders

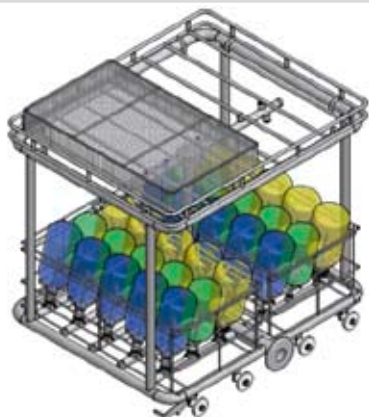
For loading of:

4 pcs laboratory bottles 2.000 ml or Erlenmeyer flasks 1.000 ml
 and
 2 pcs measuring cylinders 1.000 ml or 2.000 ml
 2 pcs measuring cylinders 250 ml or 500 ml
 2 pcs measuring cylinders 50 ml or 100 ml
 8 pcs laboratory bottles 2.000 ml or Erlenmeyer flasks 200 ml
 9 pcs laboratory bottles 50 - 500 ml or Erlenmeyer flasks 200 ml

Equipped with:

27 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820801



Rack for laboratory glass bottles

For loading of:

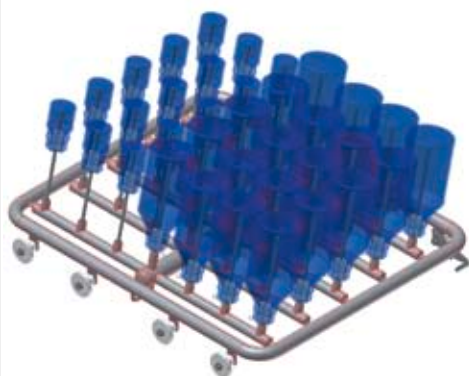
Lower level:
30 pcs laboratory bottles 100 ml - 1.000 ml

Upper level:
Designed as rod support for
e.g. 2 pcs baskets (769075)
WxDxH = 570 x 340 x 185 mm

Equipped with:

1 piece spray arm between the levels
30 pcs direct injection nozzles with bottle retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 823146



Rack for laboratory glass bottles

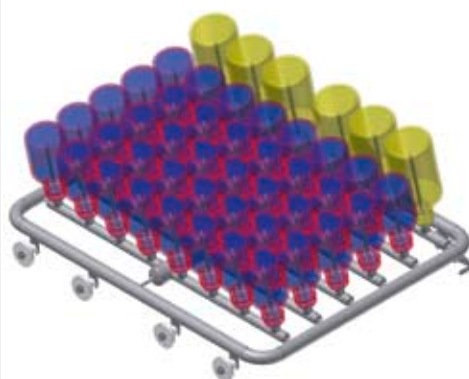
For loading of:

35 pcs laboratory bottles 100 ml - 1.000 ml

Equipped with:

35 pcs direct injection nozzles and bottle retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 837355



Rack for laboratory glass bottles

For loading of:

40 pcs laboratory bottles 500 ml and
6 laboratory bottles 500 ml - 1.000 ml

Equipped with:

46 pcs direct injection nozzles with bottle retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820145



Rack for laboratory glass bottles

For loading of:

4 pcs laboratory bottles 5.000 ml - 20 L

Equipped with:

4 pcs rotating cleaning nozzles and the appropriate retainers and
1 piece insert for GL 45 screw caps blue

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820740

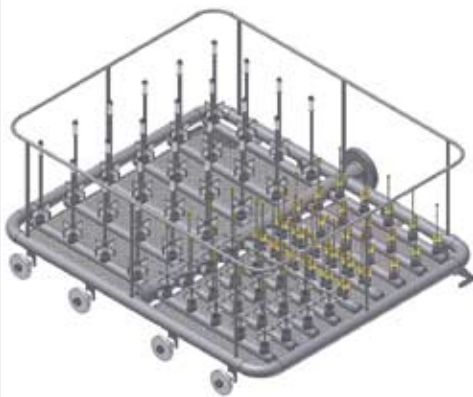


Rack for laboratory glass bottles

For loading of:
4 pcs bottles 9.000 ml - 20 L

Equipped with:
4 pcs rotating cleaning nozzles
and various retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820525



Rack for laboratory glass bottles

For loading of:
83 pcs various laboratory glasses

Equipped with:
20 nozzles Ø 8 x 163 mm (843899)
15 nozzles Ø 8 x 111 mm (843901)
24 nozzles Ø 8 x 111 mm (843903)
24 nozzles Ø 8 x 183 mm (845318)

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820539

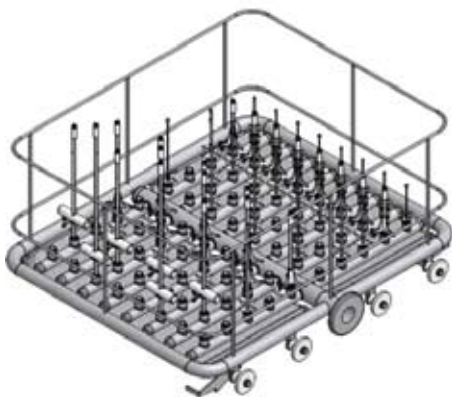


Rack for laboratory glassware

For loading of:
20 pcs various laboratory glasses

Equipped with:
5 pcs direct injection nozzles
Ø 8 x 343 mm (817051)
5 pcs direct injection nozzles
Ø 8 x 293 mm (817216)
5 pcs direct injection nozzles
Ø 8 x 210 mm (817076)
5 pcs direct injection nozzles
Ø 8 x 149 mm (817075)

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820856

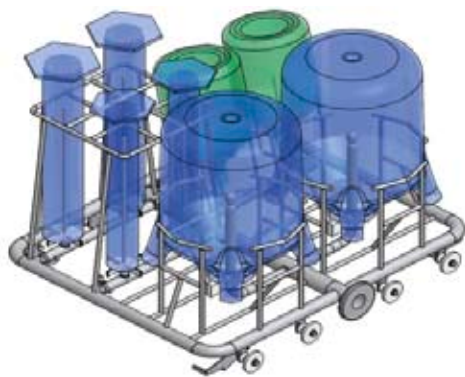


Rack for laboratory glassware

For loading of:
80 pcs various laboratory glasses

Equipped with:
2 nozzles Ø 8 x 400 mm (814861)
4 nozzles Ø 8 x 300 mm (814860)
4 nozzles Ø 6 x 240 mm (835074)
4 nozzles Ø 8 x 246 mm (836978)
4 nozzles Ø 8 x 206 mm (836977)
8 nozzles Ø 4 x 180 mm (835076)
8 nozzles Ø 4 x 140 mm (835078)
8 nozzles Ø 8 x 119 mm (835079)
8 nozzles Ø 2,7 x 110 mm
(819288)
30 nozzle connections closed

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 837354



Rack for laboratory glassware

For loading of:

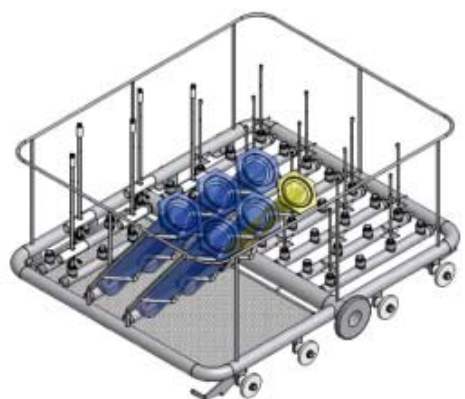
2 pcs spinners 12 L
4 pcs measuring cylinders 1.000 ml or 2.000 ml
2 pcs bottles 5.000 ml

Equipped with:

6 pcs direct injection nozzles
2 pcs rotating cleaning nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

820858



Rack for laboratory glassware

For loading of:

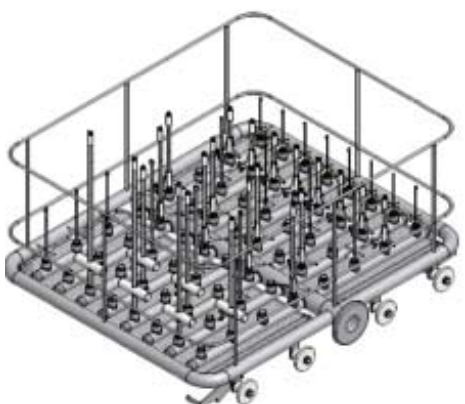
6 pcs measuring cylinders 200 ml or 500 ml and valves and beakers (≤ 600 ml) and small items

Equipped with:

6 nozzles $\varnothing 8 \times 362$ mm (835753)
15 nozzles $\varnothing 4 \times 180$ mm (835076)
5 nozzles $\varnothing 8 \times 300$ mm (814860)
20 pcs nozzle connections closed

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

820642



Rack for laboratory glassware

For loading of:

64 various laboratory glasses

Equipped with:

3 nozzles $\varnothing 8 \times 400$ mm (814861)
3 nozzles $\varnothing 8 \times 300$ mm (814860)
3 nozzles $\varnothing 6 \times 240$ mm (835074)
4 nozzles $\varnothing 8 \times 246$ mm (836978)
4 nozzles $\varnothing 8 \times 206$ mm (836977)
4 nozzles $\varnothing 4 \times 180$ mm (835076)
3 nozzles $\varnothing 4 \times 140$ mm (835078)
8 nozzles $\varnothing 8 \times 119$ mm (835079)
8 nozzles $\varnothing 2,7 \times 110$ mm (819288)
24 nozzle connections closed

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

820968



Rack for measuring cylinders

For loading of:

3 pcs measuring cylinders 10 ml
6 pcs measuring cylinders 25 - 50 ml
3 pcs measuring cylinders 100 - 250 ml
3 pcs measuring cylinders 1000 - 2000 ml
20 pcs glass pipes

Equipped with:

36 pcs direct injection nozzles and various retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

820969

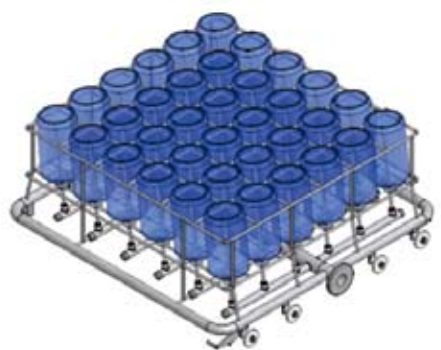


Rack for measuring cylinders

For loading of:
12 pcs measuring cylinders 2.000 ml

Equipped with:
12 pcs direct injection nozzles
and the appropriate retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 823153



Rack for Teflon bottles

For loading of:
36 pcs Teflon bottles 2.000 ml or
36 pcs PP bottles 1.000 ml

Equipped with:
36 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 840974



Rack for DS bottles

For loading of:
2 pcs DS-bottles 50 L

Equipped with:
2 pcs rotating cleaning nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 845814



Rack for Erlenmeyer flasks

For loading of:
8 pcs Erlenmeyer flasks 4.000 ml or 6.000 ml
2 pcs Erlenmeyer flasks 1.000 ml or 2.000 ml

Equipped with:
2 pcs direct injection nozzles
8 pcs rotating cleaning nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 845342



Rack for glass bottles

For loading of:

5 pcs glass bottles 12 L - 19 L (with rack insert 835655) or
5 pcs glass bottles 4.000 ml (with 5 pcs loading frames 835656
and 1 piece rack insert 835655)

Equipped with:

5 pcs rotating cleaning nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

835652



Rack for glass bottles

For loading of:

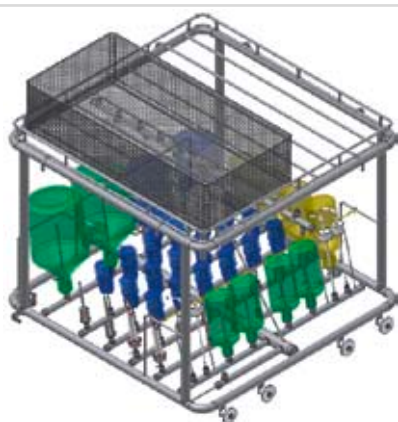
3 pcs glass bottles 5.000 ml or 9.500 ml or 13 L or
3 pcs Nalgene bottles 10 L

Equipped with:

3 pcs rotating cleaning nozzles
1 piece rod support for
1 piece basket (843188)
WxDxH = 790 x 350 x 185 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

845013



Rack for glassware

For loading of:

Lower level:
4 pcs laboratory bottles 2.000 ml/5.000 ml
30 pcs laboratory bottles 100 - 1.000 ml
4 pcs wash bottles with caps
2 pcs infeed tubes

Upper level:

With support for e.g. 2 baskets (840711)
WxDxH = 790 x 380 x 185 mm

Equipped with:

1 piece spray arm between the
levels
44 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

843444



Rack for laboratory bottles

For loading of:

9 pcs laboratory bottles 10 L or
9 pcs Nalgene bottles 10 L or
9 pcs stainless steel pressure cans 10 L

Equipped with:

9 pcs rotating cleaning nozzles
and appropriate retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

843689



Rack for laboratory bottles, measuring cylinders

For loading of:

6 pcs measuring cylinders 2.000 ml or 1.000 ml
 8 pcs measuring cylinders 250 - 500 ml
 6 pcs measuring cylinders 50 - 100 ml
 15 pcs laboratory bottles 100 - 2.000 ml
 8 pcs laboratory bottles 50 ml

Equipped with:

43 pcs direct injection nozzles
 and various retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

843688



Rack for laboratory bottles, measuring cylinders

For loading of:

4 pcs measuring cylinders 4.000 ml
 3 pcs measuring cylinders 1.000 ml or 2.000 ml
 1 piece measuring cylinders 250 ml or 500 ml
 1 piece Erlenmeyer flask 3.000 ml
 2 pcs laboratory bottles 2.000 ml
 2 pcs laboratory bottles 250 ml or 500 ml

Equipped with:

13 pcs direct injection nozzles
 and appropriate retainers
 1 rod support for e.g. open
 basket (843188)
 WxDxH = 790 x 350 x 185 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

845017



Rack for laboratory bottles, Erlenmeyer flasks, measuring cylinders

For loading of:

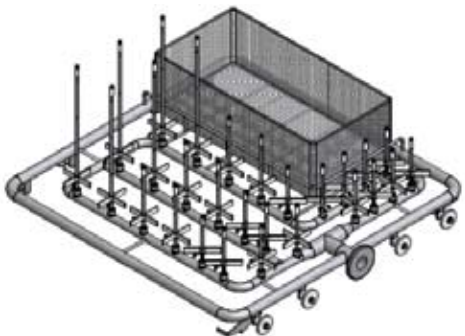
12 pcs laboratory bottles 100 - 1.000 ml
 12 pcs Erlenmeyer flasks 100 - 150 ml
 6 pcs Erlenmeyer flasks 1.000 ml
 2 pcs measuring cylinders 250 ml
 2 pcs measuring cylinders 500 ml
 2 pcs measuring cylinders 1.000 ml

Equipped with:

36 pcs direct injection nozzles
 space for e.g.
 1 piece open basket (840756)
 WxDxH = 395 x 380 x 185 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

840444



Rack for laboratory glassware

For loading of:

27 pcs diverse laboratory bottles

Equipped with:

6 nozzles Ø 8 x 417 mm
 (818161)
 6 nozzles Ø 8 x 207 mm
 (818160)
 15 nozzles Ø 8 x 157 mm
 (818159)
 space for 1 piece basket
 (843519)
 WxDxH = 600 x 300 x 185 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

843516



Rack for laboratory glassware

For loading of:

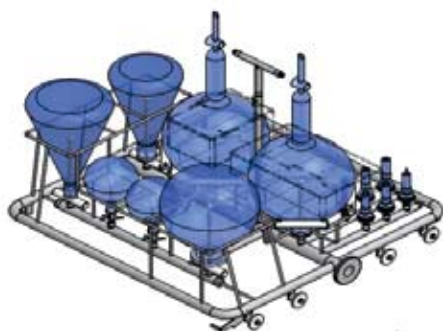
36 pcs bottles 50 ml - 2.000 ml
(max. Ø = 140 mm)

Equipped with:

36 pcs direct injection nozzles
with height adjustable bottle
retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

840133



Rack for laboratory glassware

For loading of:

1 piece round flask 10 L
1 piece Erlenmeyer flask 6.000 ml
1 piece Erlenmeyer flask 4.000 ml
2 pcs separating funnels 12 L
2 pcs round flasks 2.000 ml
Teflon shut-off valves and plugs
various small items in an insert and in a basket

Equipped with:

2 pcs exchange nozzles
8 pcs direct injection nozzles
2 pcs spray balls
3 pcs rotating cleaning nozzles
1 piece plug nozzle system

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

845338



Rack for measuring cylinders

For loading of:

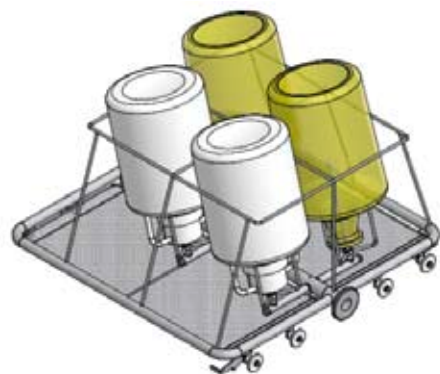
12 pcs measuring cylinders 1.000 ml or 2.000 ml
3 pcs measuring cylinders 250 ml or 500 ml
3 pcs measuring cylinders 50 ml or 100 ml
3 pcs measuring cylinders 10 ml
2 parts of powder sampling pipes

Equipped with:

24 pcs direct injection nozzles
2 pcs full-cone nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

845341



Rack for Nalgene bottles

For loading of:

2 pcs Nalgene bottles 20 L
2 pcs glass bottles 20 L

Equipped with:

4 pcs rotating cleaning nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

845344



Rack for Nalgene bottles

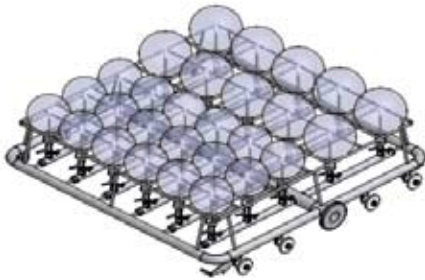
For loading of:

2 pcs Nalgene bottles 50 L
2 pcs Nalgene bottles 20 L
6 pcs centrifuge bottles

Equipped with:

4 pcs rotating cleaning nozzles
6 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 845016



Rack for round bottom flasks

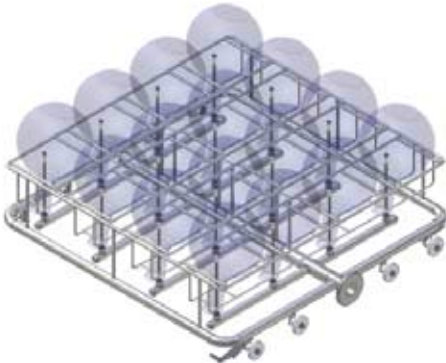
For loading of:

10 pcs round bottom flasks 2.000 ml
18 pcs round bottom flasks 1.000 ml

Equipped with:

28 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 845343



Rack for round bottom flasks

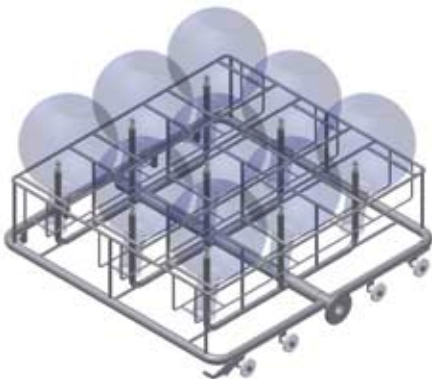
For loading of:

16 pcs round bottom flasks 4.000 ml

Equipped with:

16 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 840590



Rack for flat bottom flasks

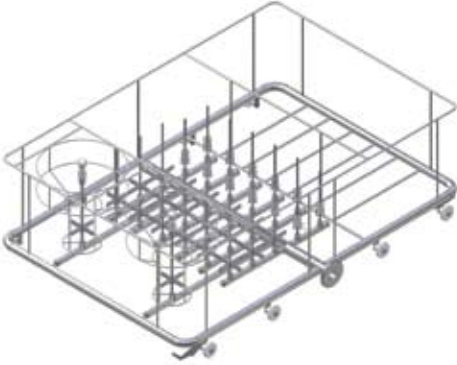
For loading of:

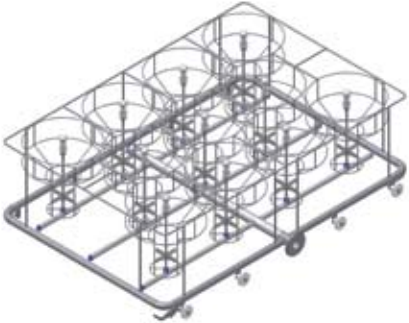
9 pcs flat bottom flasks 10 l

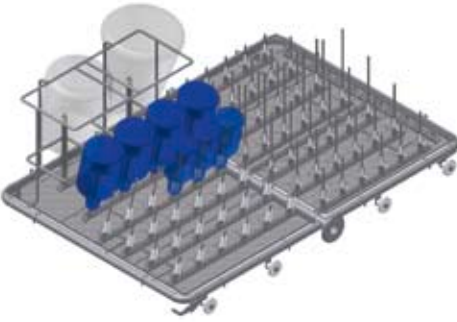
Equipped with:

9 pcs rotating cleaning nozzles

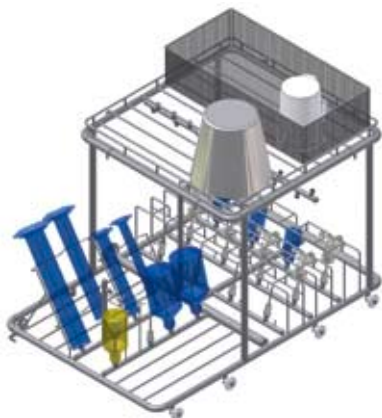
Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 840591

	Rack for glass bottles				
	For loading of: 2 pcs glass bottles ($\varnothing = 300$ mm and bottle neck > 35 mm) 12 pcs laboratory bottles up to 1.000 ml 18 pcs wide-neck bottles 1.000 ml			Equipped with: 2 pcs rotating cleaning nozzles 30 pcs direct injection nozzles	
	Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L				840390

	Rack for glass bottles				
	For loading of: 11 pcs glass bottles ($\varnothing = 300$ mm and bottle neck > 35 mm) or similar washing items			Equipped with: 11 pcs rotating cleaning nozzles	
	Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L				840389

	Rack for glassware				
	For loading of: 2 pcs flasks 12 L or bottle 10 L 4 pcs bottles 2.000 ml 24 pcs bottles ≤ 1.000 ml 42 pcs measuring cylinders, flasks, spinners, fermenters or beakers thereof 12 pcs laboratory bottles with hoses possible			Equipped with: 70 pcs direct injection nozzles 2 pcs rotating cleaning nozzles 12 pcs hose connections	
	Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L				840715

	Rack for glassware				
	For loading of: 25 pcs glass containers			Equipped with: 30 pcs direct injection nozzles 1 piece spray arm between the levels rod support for 3 pcs open baskets (840149) WxDxH = 790 x 380 x 200 mm	
	Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L				840625



Rack for laboratory bottles, Erlenmeyer flasks, measuring cylinders

For loading of:

Lower level:

2 pcs laboratory bottles 2.000 ml
1 piece sampling utility or 1 piece laboratory bottle 1.000 ml
12 pcs sampling containers or laboratory bottles 250 ml
2 pcs measuring cylinders 1.000 ml or 2.000 ml
2 pcs measuring cylinders 250 ml or 500 ml

Upper level:

Designed as rod support for open basket (840711)
WxDxH = 790 x 380 x 185

Equipped with:

22 pcs direct injection nozzles
1 piece full-cone nozzle
1 piece spray arm between the levels

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 843717



Rack for laboratory bottles, Erlenmeyer flasks, measuring cylinders

For loading of:

6 pcs laboratory bottles 5.000 ml or 10 L
15 pcs measuring cylinders 1.000 ml or 2.000 ml
8 pcs measuring cylinders 100 ml or 250 ml or 500 ml

Equipped with:

23 pcs direct injection nozzles
6 pcs rotating cleaning nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 845474



Rack for laboratory bottles, Erlenmeyer flasks, measuring cylinders, pipettes

For loading of:

Lower level:

24 pcs pipettes different sizes
25 pcs Erlenmeyer flasks 250 ml
5 pcs measuring cylinders 50 - 100 ml
4 pcs measuring cylinders 500 ml
4 pcs measuring cylinders 1.000 ml or 2.000 ml

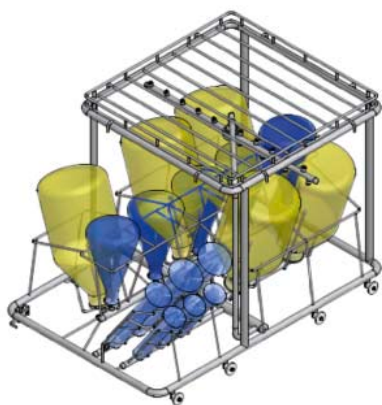
Equipped with:

38 pcs direct injection nozzles
1 piece spray arm between the levels

Upper level:

Designed as rod support for open baskets (840711)
WxDxH = 790 x 380 x 185 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 840621



Rack 1 2/3-levels for laboratory bottles, Erlenmeyer flasks, measuring cylinders

For loading of:

Lower level:

5 pcs laboratory bottles 5.000 ml or 10 L or 20 L
5 pcs Erlenmeyer flasks 1.000 ml or 2.000 ml
3 pcs measuring cylinders 1.000 ml or 2.000 ml
3 pcs measuring cylinders 500 ml

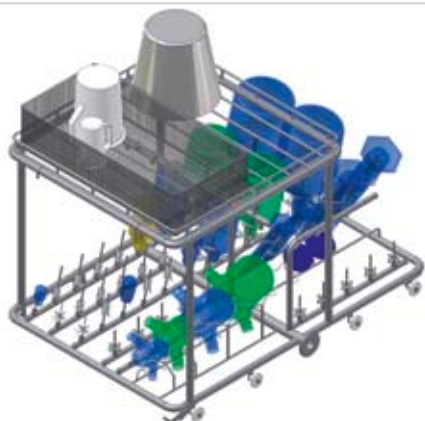
Equipped with:

1 piece spray arm between the levels
11 pcs direct injection nozzles
5 pcs rotating cleaning nozzles

Upper level:

Rod support for e.g. 2 baskets (840711, 840712, 845350)
WxDxH = 790 x 380 x 185 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 845472



Rack for laboratory glass bottles

For loading of:

Lower level:
 15 pcs laboratory bottles 100 ml to 1.000 ml
 6 pcs laboratory bottles 2.000 ml - 10 L (10 L max. 4 pieces)
 2 pcs spinner bottles 250 ml or 500 ml
 2 pcs spinner bottles 1.000 ml or 3.000 ml
 2 pcs measuring cylinders 250 ml or 500 ml
 2 pcs measuring cylinders 1.000 ml or 2.000 ml

Upper level: Rod support for 2 pcs open baskets (840711)
 WxDxH = 790 x 380 x 185 mm

Equipped with:

32 pcs direct injection nozzles
 10 pcs rotating cleaning nozzles
 1 piece spray arm between the levels

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **840901**



Rack for laboratory glass bottles

For loading of:

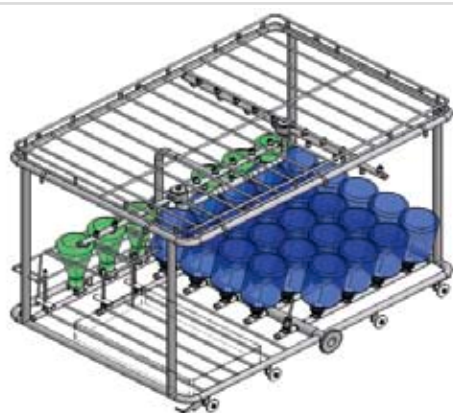
Lower level:
 10 pcs laboratory bottles 2.000 ml or 5.000 ml or 10 L
 or
 Erlenmeyer flasks 1.000 ml or 2.000 ml
 or
 1 piece container 50 L
 20 pcs laboratory bottles 100 ml - 500 ml

Upper level:
 Grid support for 1 piece open basket (840711)
 WxDxH = 790 x 380 x 185

Equipped with:

20 pcs direct injection nozzles
 10 pcs rotating cleaning nozzles
 1 piece spray arm between the levels

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **840619**



Rack for laboratory glassware

For loading of:

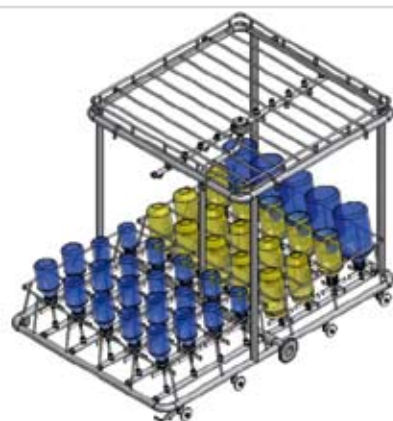
Lower level:
 25 pcs laboratory bottles 500 ml or 1.000 ml or 2.000 ml
 10 pcs Erlenmeyer flasks 1.000 ml
 Rod support for 1 piece open basket (820394)
 WxDxH = 570 x 340 x 80 mm

Upper level:
 Rod support for 2 pcs open baskets (840711)
 WxDxH = 790 x 380 x 185

Equipped with:

35 pcs direct injection nozzles
 1 piece spray arm between the levels

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **845473**



Rack 1 2/3-levels for laboratory glassware

For loading of:

Lower level:
 40 pcs laboratory bottles or centrifuge bottles 250 ml or 500 ml
 or 1.000 ml or 2.000 ml

Upper level:
 Rod support for e.g. 2 baskets (840711, 840712, 845350)
 WxDxH = 790 x 380 x 185 mm

Equipped with:

40 pcs direct injection nozzles
 and appropriate retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **845658**



Rack for various laboratory utensils

For loading of:

Lower level:
 1 piece laboratory bottle 5.000 ml or 10 L
 6 pcs solenoid valves
 5 pcs Erlenmeyer flasks 50 - 500 ml
 10 pcs laboratory bottles 100 - 1000 ml
 9 pcs hoses,
 5 pcs glass pipettes
 3 pcs scale cups (Ø = 405/315 mm)
 2 pcs scale cups (Ø = 315 mm)
 24 pcs Tri-Clamps
 Upper level:
 6 pcs scale cups (Ø = 430/405/315 mm)

Equipped with:

Lower level:
 1 piece rotating cleaning nozzle
 1 piece spray arm
 13 pcs full-cone nozzles
 13 pcs stage nozzles
 4 pcs exchange nozzles
 24 pcs direct injection nozzles
 Upper level:
 2 pcs baskets (840711)
 WxDxH = 790 x 380 x 185 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 845021



Rack for carboys

For loading of:

8 pcs carboys 25 L
 8 pcs screw caps

Equipped with:

8 pcs rotating cleaning nozzles
 and the various retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 845468



Rack for laboratory glass bottles

For loading of:

2 pcs open baskets (843165, 843164, 843163) for cleaning of
 200 pcs bottles 30 ml, 60 ml or 100 ml

Equipped with:

200 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 843162



Rack for laboratory glass bottles

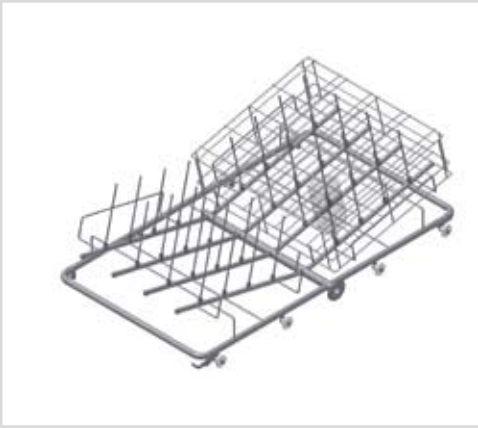
For loading of:

2 pcs open baskets (843167, 843168, 843169) for cleaning of
 84 pcs bottles 250 ml, 500 ml or 1.000 ml

Equipped with:

84 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 843166



Rack for laboratory glass bottles

For loading of:
2 open baskets (843171) for cleaning of 32 pcs bottles 3.000 ml

Equipped with:
32 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 **PH860.2L** **843170**

Drums, Containers, Cans

Belimed racks for drums, containers and cans are especially designed for treatment of large-volume washing items. The chamber volume is optimally utilized, without causing any spray shadows on the washing items. The effect: perfect cleaning results and, at the same time, an increase in effectiveness.





Rack for drums

For loading of:

1 piece Müller drum 200 L
 1 piece lid
 1 piece tension ring
 1 piece O-Ring or
 1 piece disassembled container
 1 piece tension ring
 1 piece gasket
 1 piece disk valve

Equipped with:

1 piece plug in connection with
 dummy cover
 1 piece exchangeable rotating
 cleaning nozzle and various
 retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820471



Rack for containers

For loading of:

1 piece plastic container with lid
 1 piece container with lid

Equipped with:

2 pcs rotating cleaning nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 823068



Rack for drums

For loading of:

3 pcs drums 28 L or 57 L
 3 pcs lids

Equipped with:

3 pcs rotating cleaning nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 840592



Rack for HDPE containers

For loading of:

16 pcs HDPE containers 10 L

Equipped with:

1 piece spray arm between the
 levels
 16 pcs rotating cleaning
 nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 843684



Rack for cupacs

For loading of:
8 pcs cupacs

Equipped with:
1 piece sprayarm between the levels
8 pcs rotating cleaning nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **843690**



Rack for containers

For loading of:
1 piece container 120 L
1 piece lid with tube
5 pcs pipes

Equipped with:
6 pcs direct injection nozzles
1 piece rotating cleaning nozzle
Supports for
2 pcs open baskets (820130)
WxDxH = 150 x 300 x 185 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **845018**

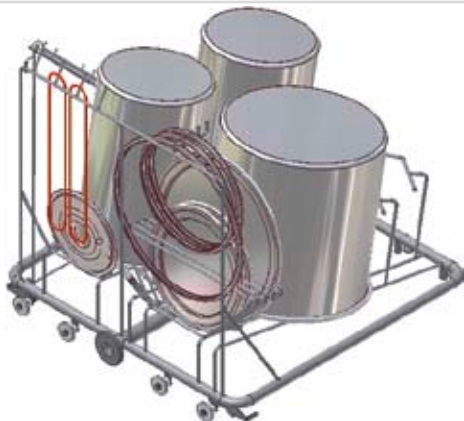


Rack for drum

For loading of:
1 piece Müller drum 100 L
(incl. lid, tension ring and gasket)
1 piece hopper
2 pcs open baskets (845412)
WxDxH = 376 x 212 x 146 mm

Equipped with:
1 piece direct injection nozzle
2 pcs rotating cleaning nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **843896**



Rack for drums

For loading of:
Drums including clamping rings, covers and seals
2 pcs drums 35 l (Ø = 350 mm, height = 500 mm) and
1 piece drum 70 l (Ø = 480 mm, height = 470 mm) or
4 pcs drums 20 l (Ø = 260 mm, Höhe = 400 mm) and
1 piece hose (Ø = 40 mm, length = 1,5m)
1 piece lance (Ø = 40 mm, length = 250 mm)
1 piece special cover

Equipped with:
5 pcs rotating cleaning nozzles
2 pcs direct injection nozzles
1 piece step nozzle

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **843443**



Rack for cans

For loading of:
6 pcs stainless steel cans 30 L

Equipped with:
6 pcs rotating cleaning nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **840307**



Rack for cans, containers, filter boxes

For loading of:
4 pcs PP cans with loading support or
1 piece drum with loading support or
2 pcs filter boxes and
2 pcs stainless steel pressure cans with loading support

Equipped with:
4 direct injection nozzles
(2 pcs thereof exchangeable via
plug in connection and sealing
cap) and one plug in connection
with sealing cap for one
rotating cleaning nozzle

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **843613**



Rack for stainless steel containers

For loading of:
2 pcs containers 12 L
2 pcs containers 100 L

Equipped with:
4 pcs insert nozzles
2 pcs rotating cleaning nozzles
2 pcs exchange rotating
cleaning nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **845854**

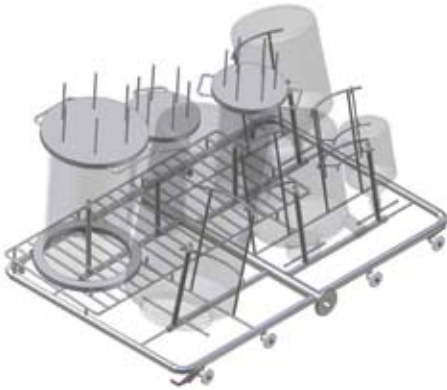


Rack for bio-reactors

For loading of:
4 pcs bio-reactors 10 L

Equipped with:
4 pcs rotating cleaning nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **845596**



Rack for various containers

For loading of:

1 piece spinner 6.000 ml or glass bottle 20 L or Erlenmeyer flask (Ø opening = 16 cm)
 2 pcs spinners 9.000 ml or glass bottles 20 L or Erlenmeyer flasks (Ø opening = 16 cm)
 1 piece spinner 9.000 ml or 30 L or plastic container 50 L
 1 piece fermenter 12 L
 2 pcs six-packs fermenters 2.000 ml or 4.000 ml or 8.000 ml

Equipped with:

7 pcs rotating cleaning nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 840714



Rack for drums

For loading of:

2 pcs drums 75 - 200 L
 (max. Ø = 600 mm, max. height = 900 mm)
 2 pcs lids
 2 pcs gaskets
 2 pcs tension rings

Equipped with:

2 pcs rotating cleaning nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 840280



Rack for drums

For loading of:

6 pcs drums (Ø max. 330 mm, height 505 mm)
 6 pcs lids
 6 pcs tension rings

Equipped with:

6 pcs rotating cleaning nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 840331



Rack for drums

For loading of:

2 pcs Müller drums 100 L / 200 L
 (incl. lids, tension rings and gaskets)
 or
 1 piece Müller drum 100 L / 200 L and
 1 piece hopper (incl. lid, tension ring and gasket)
 or
 1 piece exchange system for basket support (843711) for open
 basket (840711) WxDxH = 790 x 380 x 185 mm and
 1 piece Müller drum

Equipped with:

2 pcs exchangeable rotating
 cleaning nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 843473



Rack for drums

For loading of:

2 pcs Müller drums (max. Ø = 450 mm, max. height = 655 mm),
2 pcs lids
2 pcs tension rings
2 pcs system adapters with gaskets and tension rings
2 pcs hoppers with gaskets and cup seals

Equipped with:

4 pcs rotating cleaning nozzles
4 pcs extension pcs
2 pcs retainers for the support bar

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 848031



Rack for Müller drums and system adapters

For loading of:

Müller drum with lid and clamping ring (up to max. Ø 450 mm)
or
system adapter incl. gasket and clamping ring
or
hopper

Equipped with:

2 pcs full-cone nozzles
4 pcs rotating cleaning nozzles
2 pcs direct injection nozzles and appropriate holders

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 843313



Rack for drums

For loading of:

4 pcs Müller drums 120 L (Ø = 520 mm, H = 690 mm)
4 pcs lids
4 pcs tension rings
4 pcs gaskets

Equipped with:

4 pcs rotating cleaning nozzles and appropriate retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 845296



Rack for containers

For loading of:

4 pcs containers 55 L - 100 L or
2 pcs containers 120 - 200 L
12 pcs tubes
2 pcs sealing caps

Equipped with:

4 pcs rotating cleaning nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 843172



Rack for drums

For loading of:
2 pcs drums

Equipped with:
28 pcs stage nozzles
8 pcs exchangeable rotating
cleaning nozzles
1 piece exchangeable full-cone
nozzle

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 **PH860.2L** **845071**



Rack for drums

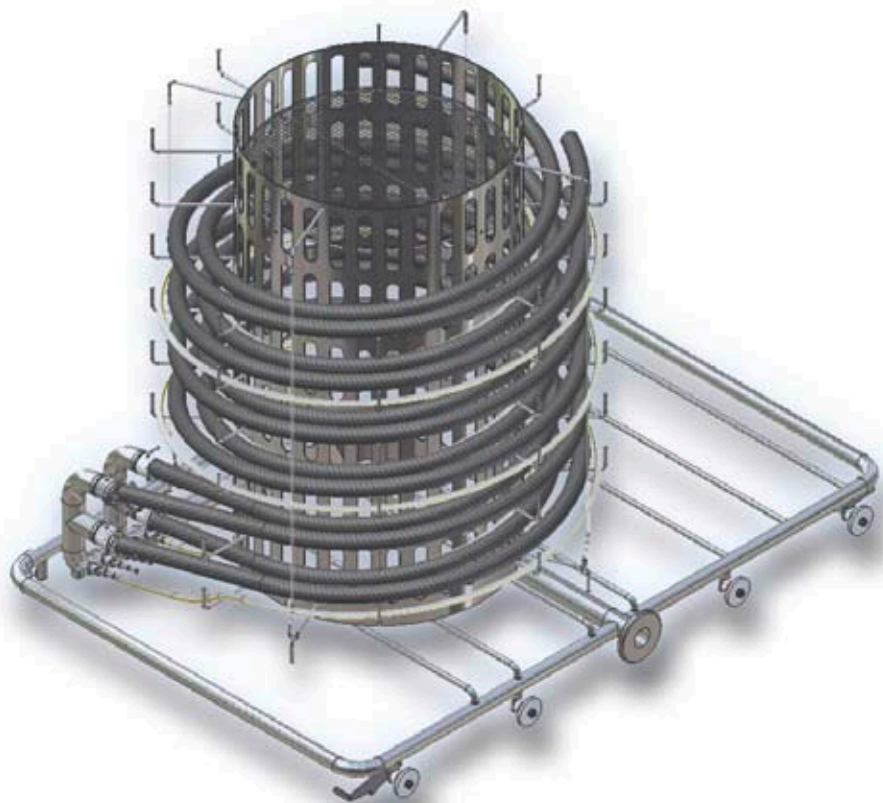
For loading of:
3 pcs Müller drums 200 L (max. Ø = 560 mm)
3 pcs lids
3 pcs tension rings
3 pcs gaskets

Equipped with:
5 pcs rotating cleaning nozzles
and various retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 **PH860.2L** **843306**

Hoses

Thanks to special drum supports and inclined retainers, GMP-compliant treatment of hoses with diameters of only 2 mm and lengths of up to 6 m is possible.





Rack for hoses from 0,5 m to 4,5 m

For loading of:

5 pcs hoses with inner Ø 6 mm
15 pcs hoses with inner Ø 8 - 12 mm

Equipped with:

20 pcs hose nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

820489



Rack for hoses from 0,15 m to 1,6 m

For loading of:

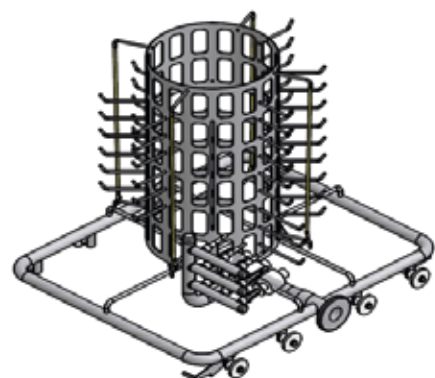
24 pcs hoses with inner Ø 5 - 11 mm
Hose length from 0,5 m to 1,6 m
16 pcs hoses with inner Ø 5 mm
Hose length from 0,15 m to 0,2 m

Equipped with:

24 pcs stage nozzles
16 pcs hose connections

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

820604



Rack for hoses from 0,5 m to 2 m

For loading of:

9 pcs hoses DN 8 - DN 15
Length 0,5 - 2 m

Equipped with:

9 pcs stage nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

823006



Rack for hoses from 0,5 m to 3 m

For loading of:

9 pcs hoses inner Ø 9, 12 and
20 mm
up to 3 m length
TC-connections inner Ø ½" or 1"

Equipped with:

1 piece drum vertical
9 pcs stage nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

820643



Rack for hoses with TC connections

For loading of:

1 piece hose, inner Ø 6 - 12 mm
with and without TC connection
6 pcs hoses inner Ø 16 - 20 mm
without TC connection

Equipped with:

1 piece stage nozzle 7,10 and
12 mm
6 pcs stage nozzles 15,4 und
20 mm
1 piece drum and appropriate
retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

823155



Rack for hoses from 0,15 m to 0,65 m

For loading of:

48 pcs silicone or Teflon hoses
with inner Ø 2 / 3 / 4 / 5 mm

Equipped with:

48 pcs stage nozzles inclined
retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

820792



Rack for hoses from 0,5 m to 5 m

For loading of:

5 pcs hoses with inner Ø from 7 - 12,5 mm
without TC connections
4 pcs hoses with inner Ø from 15 - 41 mm
with TC connection
4 pcs hoses DN15-DN32 with TC, max. length 5 m

Equipped with:

9 pcs stage nozzles
1 piece drum
4 pcs hose nozzles with
appropriate retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

840308



Rack for hoses with or without TC connection from 0,6 to 3 m

For loading of:

5 pcs various laboratory glassware
16 pcs hoses inner Ø = 2,7 - 19,1 mm
with or without TC connection or quick coupling
thereof
10 pcs on inclined retainer (length 0,15 m - 0,6 m)
6 pcs on drum (length 0,5 m - 3 m)

Equipped with:

16 pcs stage nozzles
5 pcs direct injection nozzles
1 piece drum
10 pcs inclined supports

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

843687



Rack for hoses from 0,5 m to 5 m

For loading of:

5 pcs hoses with inner Ø 7 - 12 mm max. 5 m length
 4 pcs hoses with inner Ø 15 - 28 mm
 TC connections 1/2" / 3/4" / 1", max. 5 m length
 Suitable for loading of e.g. 1 piece basket

(840711) WxDxH = 790 x 380 x 185 mm

Equipped with:

5 pcs stage nozzles (Ø 7 / 10 / 12 mm)
 4 pcs stage nozzles (Ø 14, 4/19, 8/28 mm)
 1 piece drum and the appropriate retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

840627



Rack for hoses with TC connection from 0,5 m to 5 m

For loading of:

5 pcs hoses max. inner Ø 6- 10, max. length 5 m

Suitable for loading of e.g.
 1 piece open basket (840711) WxDxH = 790 x 380 x 185 mm

Equipped with:

5 pcs stage nozzles
 1 piece hose drum

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

840299



Rack for hoses from 0,15 m to 2 m

For loading of:

18 pcs hoses with inner Ø 10 - 20 mm
 thereof max. 12 pcs on inclined support (length 150 mm - 750 mm)
 max. 6 pcs on a drum (length 0,5 m - 2 m)

Equipped with:

18 pcs stage nozzles
 1 piece hose drum and appropriate retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

843314



Rack for hoses from 0,15 m to 3 m

For loading of:

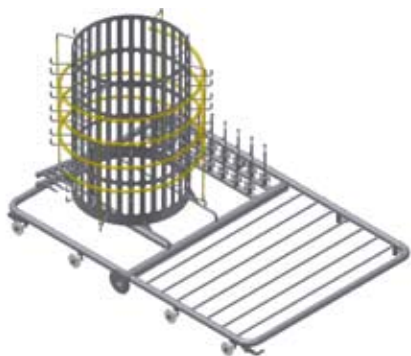
73 pcs hoses thereof
 64 pcs on an inclined support
 (length 150 mm - 750 mm, inner Ø 3 mm - 13 mm)
 9 pcs on a drum
 (length 0,5 m - 3 m, inner Ø 3 x 4 - 12 mm, 6 x 16 - 20 mm)

Equipped with:

64 pcs weld-on hose nozzles
 9 pcs replaceable stage nozzles
 1 piece hose drum
 2 pcs inclined retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

845464



Rack for hoses from 0,5 m to 5 m

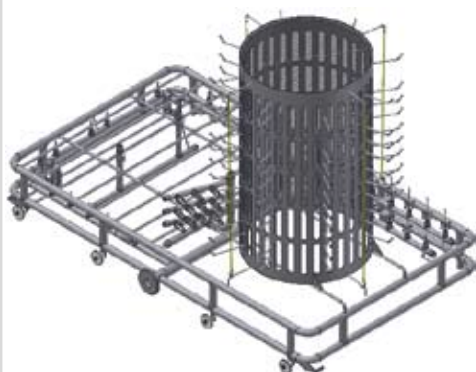
For loading of:

8 pcs silicone hoses (inner Ø 5-11 mm, length 0,5 - 5 m)
16 pcs various laboratory glasses

Equipped with:

16 pcs direct injection nozzles
8 pcs stage nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 840902



Rack for hoses from 0,5 m to 6 m

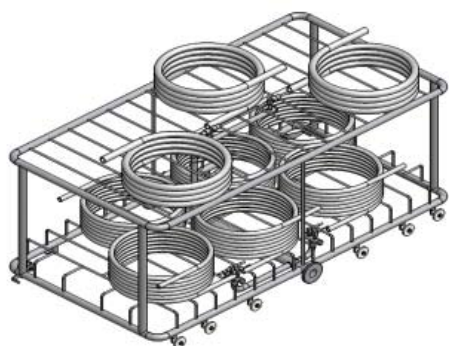
For loading of:

11 pcs silicone hoses inner Ø 11,4 - 27,8 mm thereof
3 pcs 6 m length and
8 pcs with 4,5 m length
Various piping elements Röscher

Equipped with:

2 pcs removeable rotating cleaning nozzles
17 pcs direct injection nozzles
16 pcs stage nozzles
1 piece drum
11 piece hose nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 845074



Rack for hose reels

For loading of:

Lower level:
6 pcs hose reels ID x OD = 12 x 20 mm or 10 x 16 mm
or 8 x 12 mm or 4,8 x 8,8 mm
length 25 m or mixed

Upper level:
3 pcs hose reels ID x OD = 19 x 29 mm length 12 m

Equipped with:

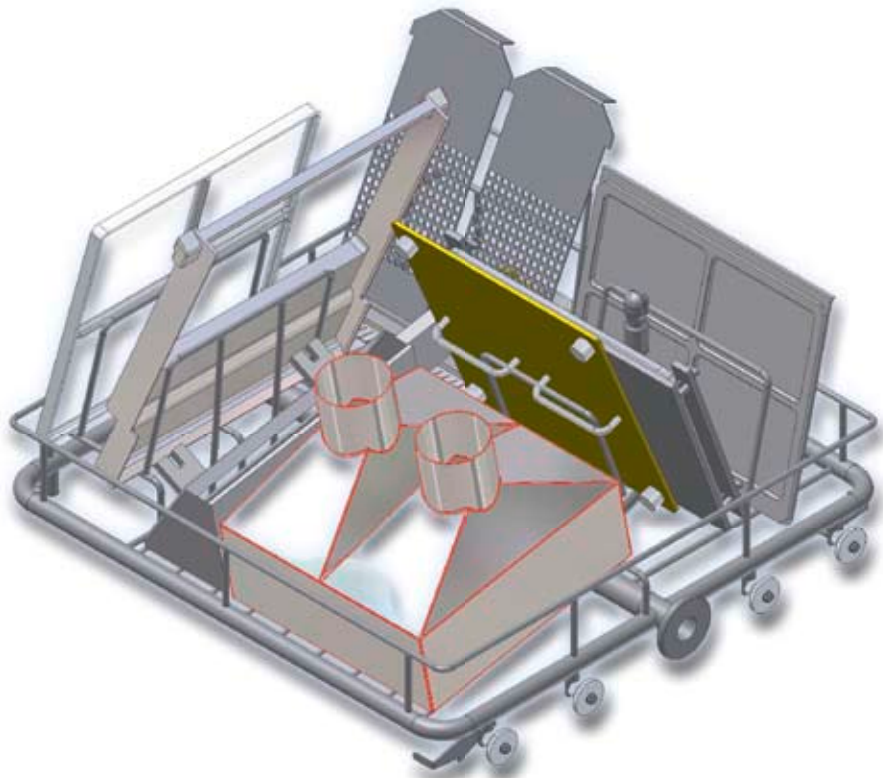
Lower level:
6 pcs stage nozzles
8 / 10 / 12 mm
6 pcs stage nozzles
3,2 / 4,8 mm

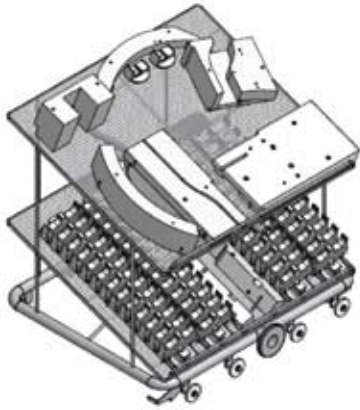
Upper level:
3 pcs stage nozzles 19 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 848193

Machine Parts

Complex, product-contacted and customized washing items of machines from production lines represent a special challenge for treatment. We aim to fulfill customer requirements adapted to specific production sequences, so a product line can be displayed on one single loading carrier in a logistically ideal way.





Rack for size parts

For loading of:
Format parts
Transportation cells
Scale plates

Equipped with:
1 piece spray arm between the levels
Various retainers and supports

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820793



Rack for filter bodies, manifolds

For loading of:
2 pcs manifolds
4 pcs manifolds N2
12 pcs filling needles
12 pcs restrictors
8 pcs needles für N2
48 pcs nuts
4 pcs filter bodies
Various small items

Equipped with:
32 pcs cleaning nozzles
6 pcs direct injection nozzles
12 pcs full-cone nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820791



Rack for gloves

For loading of:
6 pcs Glovebox gloves

Equipped with:
6 pcs rotating cleaning nozzles
and appropriate retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 823249

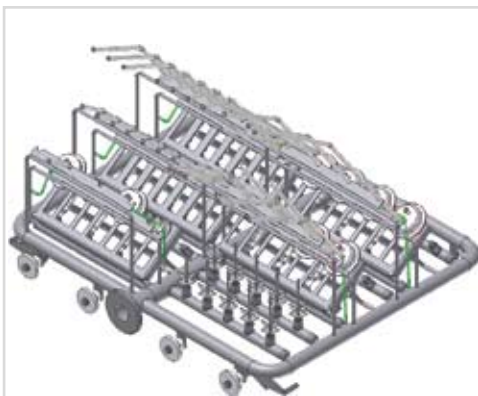


Rack for fluid transfer systems

For loading of:
20 pcs fluid transfer systems

Equipped with:
60 pcs nozzles as hose connections

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820799



Rack for fluid transfer systems and Y-pieces

For loading of:

26 pcs fluid transfer systems
10 pcs 3-Y pieces or bends

Equipped with:

26 pcs full-cone nozzles
40 pcs direct injection nozzles
and various retainers for fluid transfer systems

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820627



Rack for sampling valves

For loading of:

15 pcs sampling valves

Equipped with:

15 pcs direct injection nozzles
30 pcs full-cone nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 823156



Rack for sampling systems

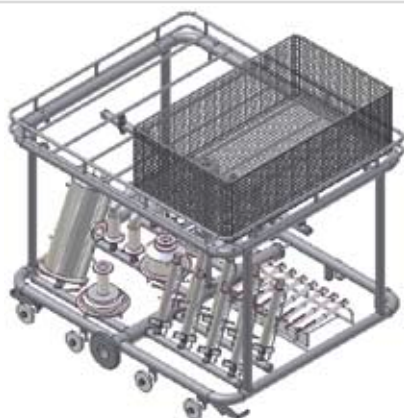
For loading of:

12 pcs sampling systems (Keofitt)
on bottle with accessories
20 pcs sampling valves Ingold / Variant

Equipped with:

46 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820146



Rack for pump parts

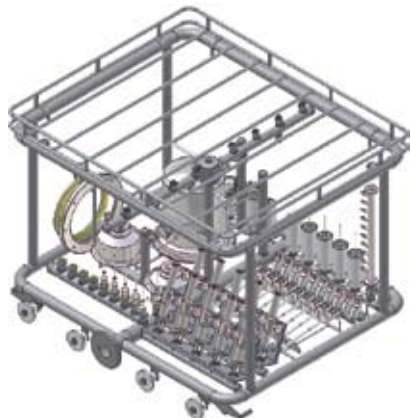
For loading of:

Lower level:
10 pcs pump bodies (and pistons)
1 piece storage container (disassembled)
1 piece tank
1 piece manifold
1 piece filter (disassembled)
Various piping parts with TC-connections such as bends, reducers, T-pieces
Upper level:
suitable for loading of e.g. 1 piece basket (769075)
WxDxH = 570 x 340 x 185 mm

Equipped with:

1 piece spray arm between the levels:
20 pcs direct injection nozzles
1 piece rotating cleaning nozzle
several retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820603



Rack for pump parts

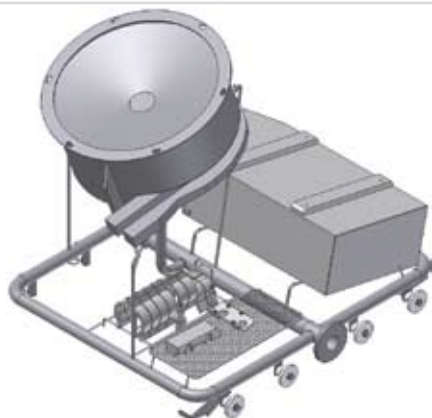
For loading of:

Lower level:
 1 piece container
 1 piece holding ring
 1 piece ring
 1 piece gasket
 10 pcs pump bodies
 10 pcs pump pistons
 10 pcs cylinder heads for pumps
 10 pcs gassing needles
 10 pcs filling needles 1 piece manifold 1 piece filter (disassembled)
 Upper level:
 Suitable for loading of e.g. 2 open baskets (769075)
 WxDxH = 570 x 340 x 185 mm

Equipped with:

1 piece spray arm between the levels
 45 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820681



Rack for sorting bowl

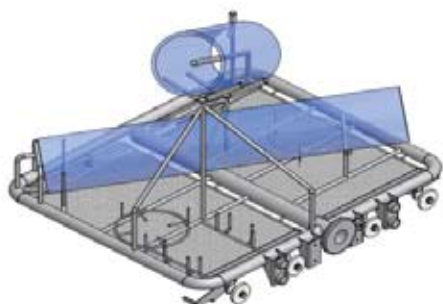
For loading of:

1 piece bulk storage hopper
 1 piece sorting bowl
 8 pcs TC-clamps several small items

Equipped with:

1 piece rotating cleaning nozzle

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820790



Rack for special washing items

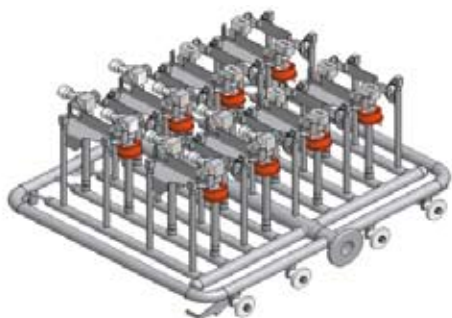
For loading of:

1 piece disassembled ultra centrifuge rotor

Equipped with:

1 piece direct injection nozzle

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820867



Rack for riser tubes

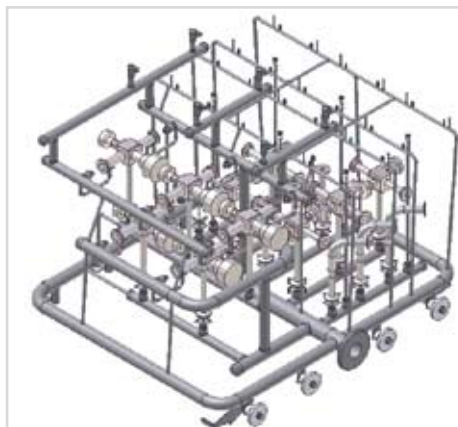
For loading of:

16 pcs riser tube systems

Equipped with:

16 pcs cleaning sleeves
 32 pcs full-cone nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 823148



Rack for valves

For loading of:

10 pcs valves
or
6 pcs lids for container with accessories

Equipped with:

24 pcs direct injection nozzles
16 pcs full-cone nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820568



Rack for filter plates

For loading of:

1 piece filter support
24 pcs filter plates
in 4 baskets (820914)
WxDxH = 285 x 370 x 241 mm

Equipped with:

1 piece spray arm between the levels

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820913



Rack for extraction systems

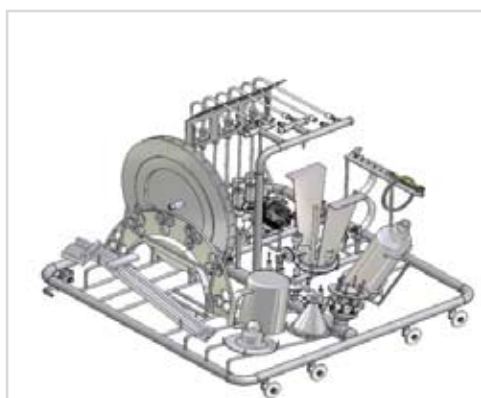
For loading of:

4 pcs disassembled 6-fold extraction systems
24 pcs needles
24 pcs suction nozzles with drill holes
4 pcs manifolds
4 pcs hose connections
4 pcs sealing plugs

Equipped with:

24 pcs casings
32 pcs direct injection nozzles
24 pcs full-cone nozzles
appropriate retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 843686



Rack for filling machine parts

For loading of:

Bowl
Valves
Format parts
TC-clamps
TC-gaskets

Equipped with:

22 pcs direct injection nozzles
10 pcs full-cone nozzles
2 pcs rotating cleaning nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 848107



Rack for albumin bulk filtration

For loading of:

1 piece pressure vessel 50 L
1 piece pressure vessel 20 L
Riser tubes
Filter bodies
Valves
TC-clamps
TC-gaskets

Equipped with:

23 pcs direct injection nozzles
11 pcs full-cone nozzles
1 piece rotating cleaning nozzle
1 piece removable rotating cleaning nozzle

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **848111**



Rack for hoppers

For loading of:

198 pcs hoppers

Equipped with:

9 pcs baskets
2 pcs spray arms between the levels

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **840819**



Rack for filtration machine parts

For loading of:

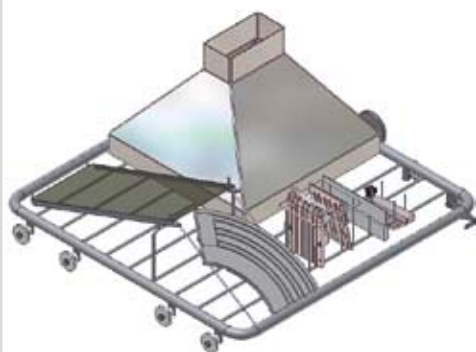
Lower level:
Parts of a filtration machine

Upper level:
Stainless steel cups
Various small items in open basket (820307)
WxDxH = 340 x 285 x 185 mm

Equipped with:

4 pcs full-cone nozzles
1 piece spray arm between the levels

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **848108**



Rack for size parts

For loading of:

1 piece hopper
1 piece shut-off plate
1 piece vibrating plate
1 piece plate
1 piece holding down device must be disassembled
1 piece screen

Equipped with:

appropriate retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **845026**



Rack for machine parts

For loading of:

Lower level:
Valves
Pipes
Bends

Upper level:

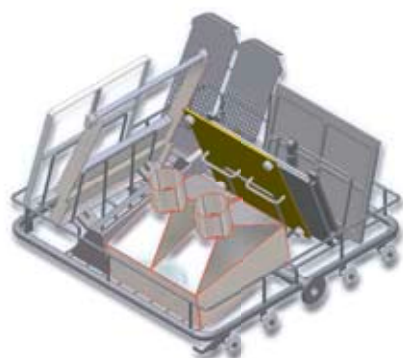
Suitable for loading of 1 piece open basket (840711)
WxDxH = 790 x 380 x 185 mm

Equipped with:

22 pcs direct injection nozzles
34 pcs full-cone nozzles
1 piece spray arm between the levels

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

840780



Rack for packaging machine parts

For loading of:

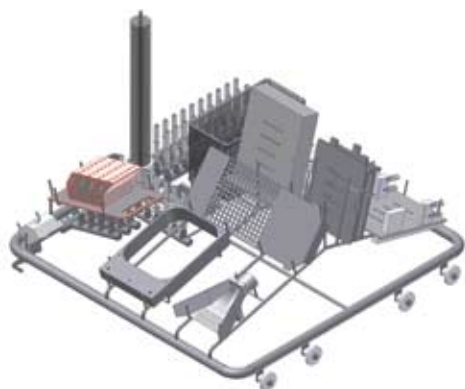
Single parts of a blister machine plates
Hoppers
Hopper lids
Sieves
Rakes
Slides
Supports for plates
Dust collection pans

Equipped with:

1 piece rotating cleaning nozzle

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

840953



Rack for packaging machine parts

For loading of:

Single parts of a packaging machine
Shut-off slides
Cover plates
Sieve plates
Shut-off casings
Filling pipes
Plates
Feed pipes
Frames
Slides sieve
Sheet steel angles

Equipped with:

29 pcs direct injection nozzles
12 pcs full-cone nozzles
1 piece open basket (820130)
WxDxH = 150 x 300 x 185 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

840826



Rack for solenoid valves

For loading of:

2-way solenoid valves
3-way solenoid valves
Cluster solenoid valves
T-valves

Equipped with:

50 pcs full-cone nozzles 17 pcs
direct injection nozzles

Suitable for loading of 1 piece open basket (845339)
WxDxH = 370 x 240 x 80 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

845348



Rack for sampling valves and immersion tubes

For loading of:

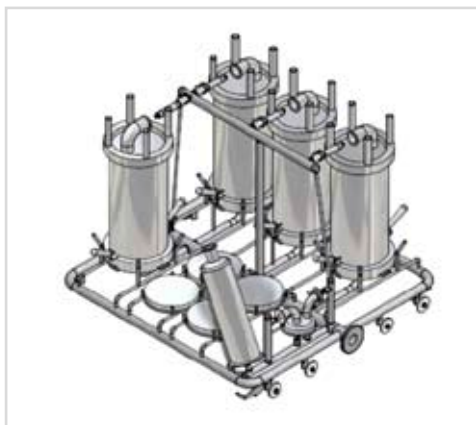
18 pcs sampling valves (immersion tubes)

Suitable for loading of
1 piece small item insert (812380)
WxDxH = 400 x 290 x 150 mm

Equipped with:

18 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 843521



Rack for RTP containers

For loading of:

4 pcs RTP containers ($\varnothing = 190$ mm)
4 pcs lids ($\varnothing = 187$ mm)
1 piece filter body upper part
1 piece filter body lower part

Equipped with:

4 pcs rotating cleaning nozzles
7 pcs direct injection nozzles
2 pcs full-cone nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 848034



Rack for sorting bowl parts

For loading of:

1 piece EMSE consisting of feeding hopper
Manifold
Small items

Equipped with:

4 pcs rotating cleaning nozzles
3 pcs direct injection nozzles
7 pcs full-cone nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 840433



Rack for valves

For loading of:

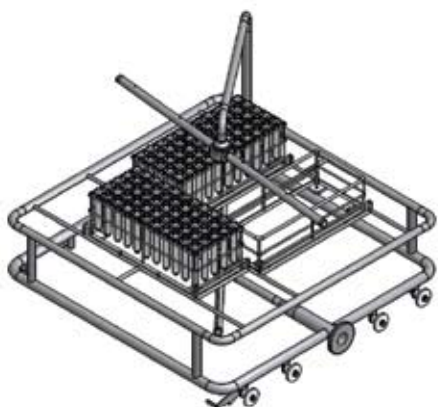
8 pcs solenoid valves $\frac{1}{2}$ " or 1"
8 pcs hose nozzles inner $\varnothing = 9$ mm
4 pcs ventilation valve of filter bodies
4 pcs drain valves of filter bodies

Suitable for loading of baskets (840711)
WxDxH = 790 x 380 x 185 mm

Equipped with:

16 pcs direct injection nozzles
16 pcs full-cone nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 845868



Rack for tablet punches and matrices

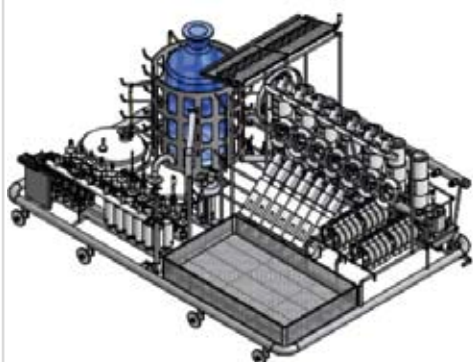
For loading of:

1 set of tablet punches consisting of
 1 piece basket for upper punches
 1 piece basket for lower punches
 1 piece basket for matrices

Equipped with:

2 pcs rotating spray arms

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 851366



Rack for filling machine parts

For loading of:

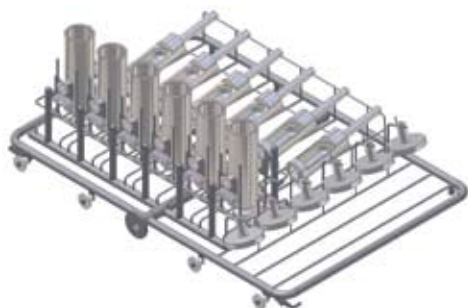
1 piece storage container
 3 pcs hoses with TC-connections, max. 3 m length
 1 piece manifold
 1 piece extension pipe
 6 pcs ceramic pumps (disassembled/ assembled) / stainless steel pump (assembled)
 12 pcs filling needles
 16 pcs Tri-Clamps

Suitable for loading of 1 piece open basket (820394)
 WxDxH = 570 x 340 x 185 mm

Equipped with:

59 pcs direct injection nozzles
 14 pcs full-cone nozzles
 7 pcs flat jet nozzles
 3 pcs hose nozzles (Ø 15,4 - 20 mm) hose drum

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 845020



Rack for pump parts

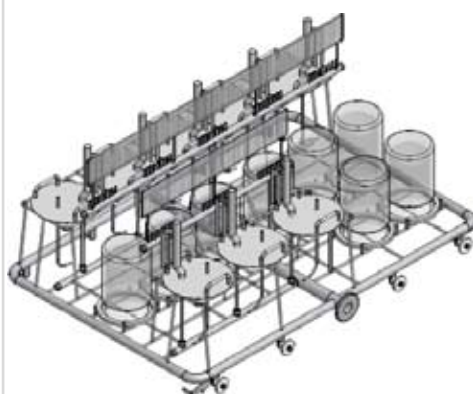
For loading of:

6 pcs disassembled Gröninger pumps 50 ml - 532 ml
 or
 50 ml - 266 ml

Equipped with:

6 pcs direct injection nozzles
 18 pcs full-cone nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 840604



Rack for quad fermenters

For loading of:

8 pcs disassembled quad fermenters

Equipped with:

8 pcs direct injection nozzles
 40 pcs hose connections (inner Ø = 2 mm)
 32 pcs hose connections (inner Ø = 3 mm)

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 845736



Rack for filling utensils

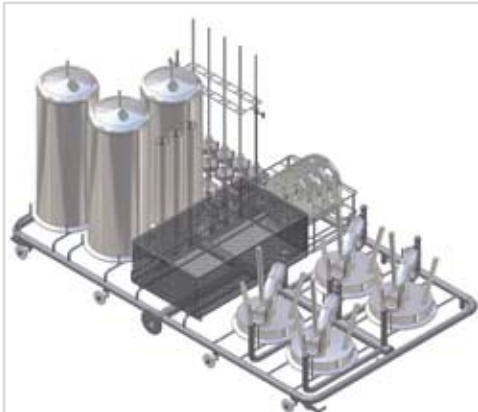
For loading of:

Product filling
Manifolds bottles 10 L
Collecting pans valves
Central spindles
Measuring cylinder
Dosing containers
Rotor covers

Equipped with:

49 pcs direct injection nozzles
18 pcs stage nozzles
1 piece rotating cleaning nozzle

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 **PH860.2L** **845073**



Rack for filter bodies

For loading of:

3 pcs high filter bodies
3 pcs low filter bodies
4 pcs filter underframes
3 pcs riser tubes
4 pcs filter plates
10 pcs filter support bars
Various small items

Equipped with:

15 pcs direct injection nozzles
4 pcs rotating cleaning nozzles
18 pcs full-cone nozzles
1 piece basket (843345)
WxDxH = 340 x 248 x 158 mm
for flanges
1 piece open basket (796075)
WxDxH = 570 x 340 x 185 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 **PH860.2L** **837290**



Rack for filter bodies

For loading of:

Pall filter parts

Equipped with:

18 pcs stage nozzles
8 pcs exchange nozzles
18 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 **PH860.2L** **845072**



Rack for bottles, immersion tubes, flanges

For loading of:

8 pcs bottles 10 L, 20 L, 30 L
16 pcs flanges
50 pcs immersion tubes

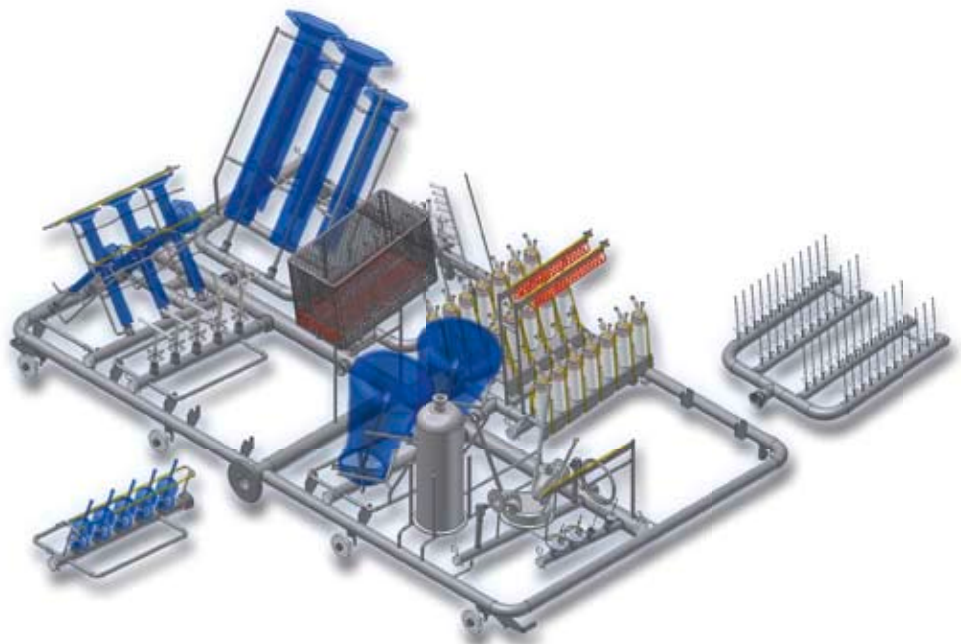
Equipped with:

44 pcs hollow shafts
10 pcs rotating cleaning nozzles
6 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 **PH860.2L** **843175**

Universal

Through the intelligent modular Belimed system, washing items of most diverse geometries e.g. simple glassware, narrow-neck flasks or delicately structured washing items can be ideally treated independent from the respective production processes. Thanks to special exchange systems, the washing items can be placed on the base frame of the rack and treated without causing delays in the overall process.





Universal Rack for 4 exchange systems

For loading of:
Various items on exchange systems

Equipped with:
4 pcs plug-in connections for exchange systems

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820534



Exchange system for laboratory bottles compatible with rack 820534

For loading of:
2 pcs laboratory bottles (GL45) 2.000 ml
1 piece laboratory bottle (GL45) 5.000 ml

Equipped with:
3 pcs direct injection nozzles and appropriate retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820528

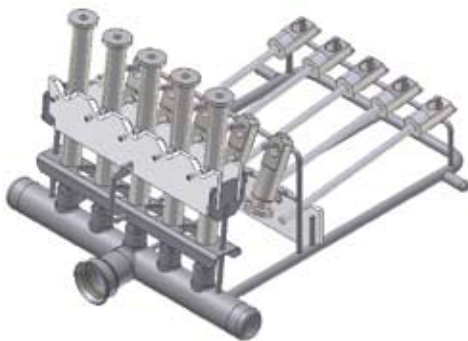


Exchange system for filling needles compatible with rack 820534

For loading of:
10 pcs filling needles
10 pcs hose connections (SA50.5D10)

Equipped with:
10 pcs direct injection nozzles
10 pcs casings for filling needles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820529



Exchange system for pump parts compatible with rack 820534

For loading of:
5 pcs disassembled pumps (make: Inova)
5 pcs pistons

Equipped with:
5 pcs full-cone nozzles and appropriate retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820530



Exchange system for laboratory bottles compatible with rack 820534

For loading of:

1 piece laboratory bottle (GL45) 20 L or
1 piece laboratory bottle (GL45) 10 L

Equipped with:

1 piece rotating cleaning nozzle
1 piece support for 20 L bottle
1 piece support for 10 L bottle

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820531



Exchange system for open basket compatible with rack 820534

For loading of:

Items without direct injection

Equipped with:

support for open basket
(820306)
WxDxH = 285 x 340 x 185 mm
and relief drill hole

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820532



Exchange system for laboratory bottles compatible with rack 820534

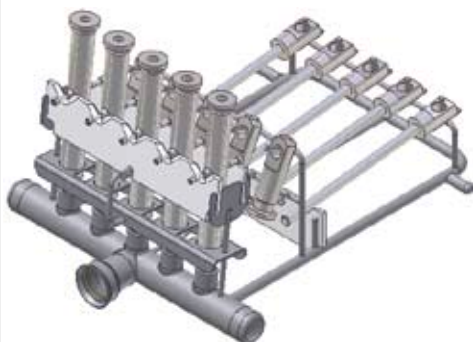
For loading of:

6 pcs laboratory bottles (GL45) 100 - 1.000 ml

Equipped with:

6 pcs direct injection nozzles
with adjustable bottle retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820533



Exchange system for pump parts compatible with rack 820534

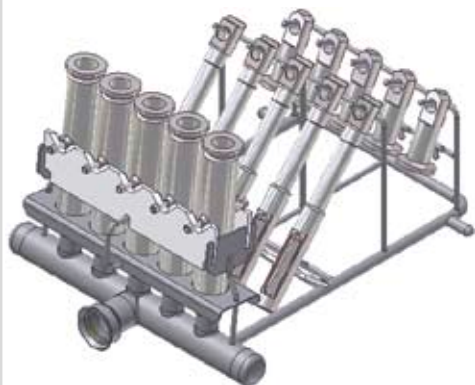
For loading of:

5 pcs disassembled pumps (RS09)
5 pcs pump pistons

Equipped with:

5 nozzles (6 mm - 360°)
various supports

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 840824



Exchange system for pump parts compatible with rack 820534

For loading of:

5 pcs disassembled pumps (make: Inova, RS19)
5 pcs pump pistons

Equipped with:

5 pcs direct injection nozzles
(8 mm - 360°) with various retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820825



Exchange system for laboratory bottles compatible with rack 820534

For loading of:

4 pcs laboratory bottles 2.000 ml

Equipped with:

4 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 823225



Exchange system for measuring cylinders compatible with rack 820534

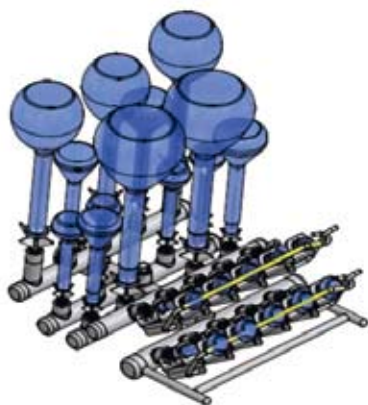
For loading of:

1 piece measuring cylinder 4.000 ml
1 piece measuring cylinder 1.000 ml or 2.000 ml
1 piece measuring cylinder 250 mL or 500 ml
1 piece measuring cylinder 100 ml

Equipped with:

4 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 823216



Exchange system for measuring flasks compatible with rack 820534

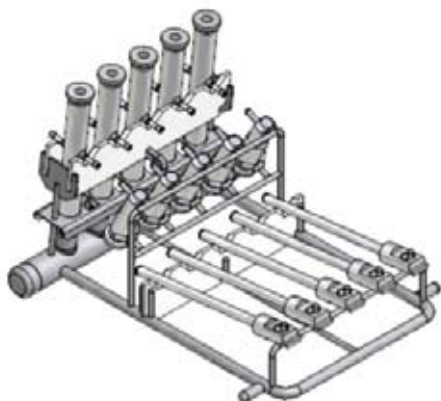
For loading of:

2 pcs measuring flasks 500 ml
3 pcs measuring flasks 200 ml or 250 ml
4 pcs measuring flasks 100 ml or 50 ml
4 pcs measuring flasks 10 ml or 20 ml or 25 ml
5 pcs measuring flasks 2 ml or 5 ml

Equipped with:

23 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 823218



Exchange system compatible with 820534

For loading of:

5 pcs pumps (brand: Inova, RS09)
5 pcs pistons

Equipped with:

5 pcs direct injection nozzles
(6 mm - 360°) and appropriate supports

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820824



Rack for various washing items

For loading of:

2 pcs measuring cylinders 1.000 ml or 2.000 ml
1 piece measuring cylinder 250 ml or 500 ml
1 piece measuring cylinder on exchange systems 100 ml

Suitable for loading of e.g. open baskets (769075)
WxDxH = 570 x 340 x 185 mm

Equipped with:

1 piece spray arm between the levels
1 piece exchange system for measuring cylinders

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 823074



Universal rack for 3 exchange systems

For loading of:

various washing items on exchange systems

Equipped with:

3 pcs plug-in connections for exchange systems

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 845809



Universal rack for 4 exchange systems

For loading of:

various washing items on exchange systems

Equipped with:

4 pcs plug-in connections for exchange systems

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 848465



Universal rack 2-levels for 4 exchange systems

For loading of:

Lower level:
Various washing items on exchange systems

Upper level:

Suitable for loading of e.g. 2 pcs baskets (840711)
WxDxH = 790 x 380 x 185 mm

Equipped with:

1 piece spray arm between the levels

Lower level:

4 pcs plug-in connections for exchange systems

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

845470



Exchange system for flat bottom flasks compatible with rack 848465/ 845470/ 845809

For loading of:

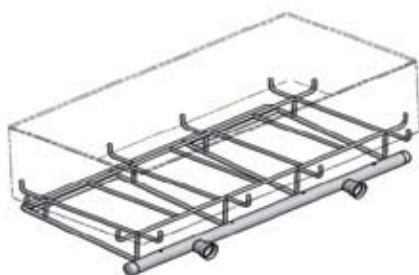
3 pcs flat bottom flasks 10 l or 6.000 ml

Equipped with:

3 pcs rotating cleaning nozzles
2 pcs plug-in connections

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

848466



Exchange system for open basket compatible with racks 848465/ 845470/ 845809

For loading of:

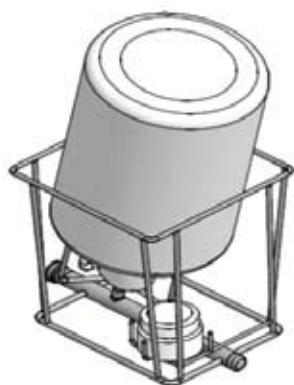
Items without direct injection

Equipped with:

Support for 1 piece open basket (840711)
WxDxH = 790 x 380 x 185 mm
and relief drill holes

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

848471



Exchange system for Nalgene bottle compatible with rack 848465/ 845470/ 845809

For loading of:

1 piece Nalgene bottle with handle 10 l or 20 l
1 piece screw cap for Nalgene bottle

Equipped with:

1 piece rotating cleaning nozzle
and appropriate retainers and supports

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

848468



Exchange system for measuring cylinders compatible with rack 848465 / 845470 / 845809

For loading of:

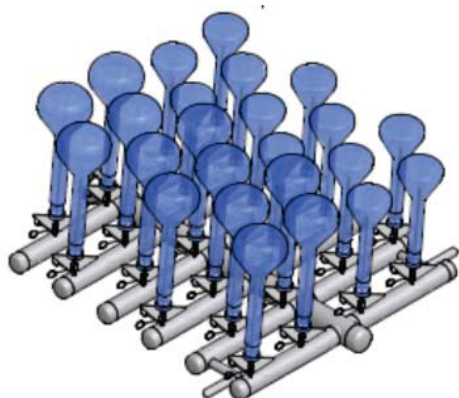
2 pcs measuring cylinders 2.000 ml or 1.000 ml
2 pcs measuring cylinders 500 ml or 250 ml
2 pcs measuring cylinders 100 ml or 50 ml

Equipped with:

6 pcs direct injection nozzles and appropriate retainers and supports

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

848467



Exchange system for measuring flasks compatible with rack 845470 / 845809 / 848465

For loading of:

25 pcs measuring flasks 50 - 100 ml

Equipped with:

25 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

845448



Exchange system for measuring flask compatible with rack 845470 / 845809 / 848465

For loading of:

6 pcs measuring flasks 200 - 500 ml and
35 pcs measuring cylinders 5 - 25 ml or
35 pcs measuring flasks 5 - 25 ml or
35 pcs sampling tubes

Equipped with:

41 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

845451



Exchange system for laboratory bottles compatible with rack 845809 / 848465 / 845470

For loading of:

1 piece laboratory bottle (narrow-/wide neck) 5.000 ml or
1 piece laboratory bottle (narrow-/wide neck) 10 L or
1 piece laboratory bottle (narrow-/wide neck) 20 L

Equipped with:

1 piece rotating cleaning nozzle

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

845454



Exchange system for laboratory glassware compatible with rack 845809 / 848465 / 845470

For loading of:

1 piece Erlenmeyer flask 3.000 - 5.000 ml
1 piece measuring cylinder 100 ml
1 piece measuring cylinder 250 - 500 ml
1 piece measuring cylinder 1.000 - 2.000 ml

Equipped with:

4 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

845458



Exchange system for laboratory glassware compatible with rack 845809 / 848465 / 845470

For loading of:

5 pcs Erlenmeyer flasks 50, 150, 250 ml or
5 pcs laboratory bottles 100 or 250 ml
4 pcs Erlenmeyer flasks 250, 300 ml or
4 pcs laboratory bottles 500, 1000 ml
2 pcs Erlenmeyer flasks 500 ml or
2 pcs laboratory bottles 2.000 ml or
2 pcs carboys 2.000 ml

Equipped with:

11 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

845493



Exchange system for laboratory bottles, Erlenmeyer flasks, measuring cylinders compatible with rack 845809/ 848465/ 845470

For loading of:

2 pcs measuring flasks 5.000 ml and
2 pcs Erlenmeyer flasks 1000 - 2000 ml or
2 pcs measuring flasks 1000 - 2000 ml

Equipped with:

4 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

845496



Exchange system for vacuum flasks compatible with rack 845809 / 848465 / 845470

For loading of:

4 pcs separating funnels 250 ml
3 pcs vacuum flasks (Erlenmeyer shape) 2.000 ml with hose connection

Equipped with:

7 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

845524



Exchange system for laboratory glass bottles compatible with rack 845809 / 848465 / 845470

For loading of:
30 pcs laboratory bottles 100 ml

Equipped with:
30 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **845537**

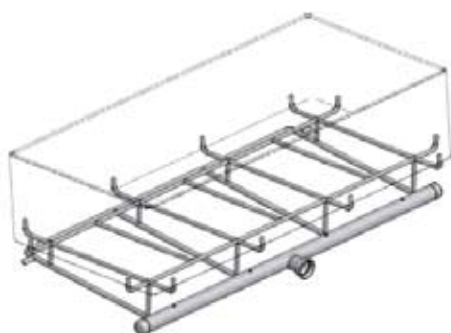


Loading frame for beakers compatible with rack 845448

For loading of:
2 pcs beakers 5.000 ml

Equipped with:
1 piece support

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **845540**



Exchange system for various washing items compatible with rack 845809

For loading of:
Various items without direct injection

Equipped with:
Support for 1 piece open basket (840711)
WxDxH = 790 x 380 x 185 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **845810**



Exchange system for Duran bottles compatible with rack 845809 / 848465 / 845470

For loading of:
9 pcs laboratory bottles 100 - 1.000 ml

Equipped with:
9 pcs direct injection nozzles and appropriate bottle retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **845811**



Exchange system for Duran bottles compatible with rack 845809 / 848465 / 845470

For loading of:

2 pcs laboratory bottles 2.000 ml
2 pcs laboratory bottles 5.000 ml

Equipped with:

4 pcs rotating cleaning nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

845812



Exchange system for Duran bottles compatible with rack 845809 / 848465 / 845470

For loading of:

1 piece laboratory bottle 10 L or
1 piece laboratory bottle 20 L

Equipped with:

1 piece rotating cleaning nozzle
and appropriate retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

845813



Exchange system for measuring cylinders compatible with rack 845809 / 848465 / 845470

For loading of:

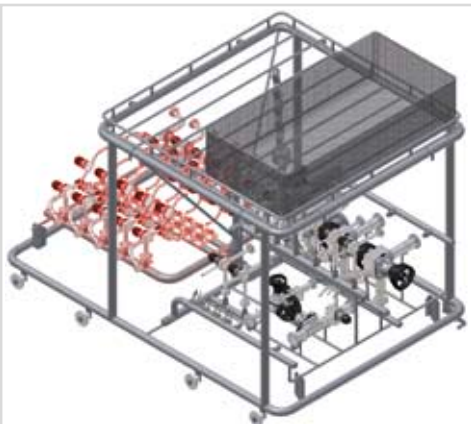
5 pcs measuring cylinder 5/10 ml and
8 pcs measuring flasks 5 ml
8 pcs measuring flasks 10 ml

Equipped with:

21 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

845849



Universal rack for 2 exchange systems

For loading of:

Lower level:
Possible exchange systems: 843648, 843649

Upper level:

Suitable for loading of 2 pcs open baskets with lids (840149)
WxDxH = 790 x 380 x 200 mm

Equipped with:

2 pcs plug-in connections for
exchange systems

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L

843647



Exchange system for sampling utensils compatible with rack 843647

For loading of:

10 pcs sampling devices fermentation
20 pcs bottle connections

Equipped with:

10 pcs direct injection nozzles
and appropriate retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 843648



Exchange system for sampling utensils compatible with rack 843647

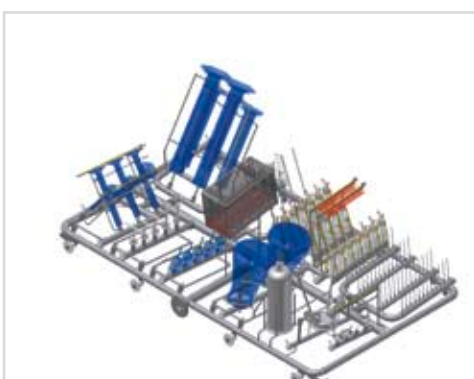
For loading of:

4 pcs sterile devices fermentation
4 pcs sampling crosses various manual valves
4 pcs bottle connections

Equipped with:

14 pcs direct injection nozzles
10 pcs full-cone nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 843649



Universal Rack for 8 exchange systems

For loading of:

Various washing items on exchange systems

Equipped with:

8 pcs plug-in connections for
exchange systems
1 piece basket (820130)
WxDxH = 150 x 300 x 185mm
4 pcs direct injection nozzles 2
pcs full-cone nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 843179



Exchange system compatible with rack 843179

For loading of:

6 pcs measuring cylinders 25 ml - 100 ml

Equipped with:

6 pcs direct injection nozzles
and retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 843180



Exchange system for measuring cylinders compatible with rack 843179

For loading of:

3 pcs measuring cylinders 250 - 500 ml
2 pcs measuring cylinders 1.000 ml

Equipped with:

5 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 **PH860.2L** 843181



Exchange system for Erlenmeyer flasks compatible with rack 843179

For loading of:

2 pcs Erlenmeyer flasks 3.000 ml

Equipped with:

2 pcs direct injection nozzles and retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 **PH860.2L** 843182



Exchange system for manifolds compatible with rack 843179

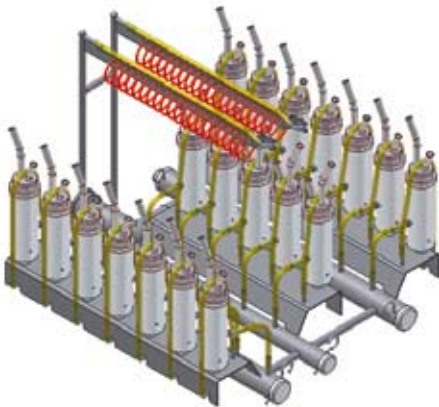
For loading of:

4 pcs manifold parts

Equipped with:

8 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 **PH860.2L** 843183



Exchange system for system doops compatible with rack 843179

For loading of:

19 pcs system doops

Equipped with:

19 direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 **PH860.2L** 843184



Exchange system for Aftapklok compatible with rack 843179

For loading of:
5 pcs Aftapkloks

Equipped with:
5 direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 **PH860.2L** **843185**



Exchange system for T- and Y-pieces compatible with rack 843179

For loading of:
5 pcs T/Y-pcs

Equipped with:
5 pcs direct injection nozzles
and retainers

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 **PH860.2L** **843186**



Exchange system for glass tubes compatible with rack 843179

For loading of:
50 pcs RVS-tubes

Equipped with:
50 direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 **PH860.2L** **843187**

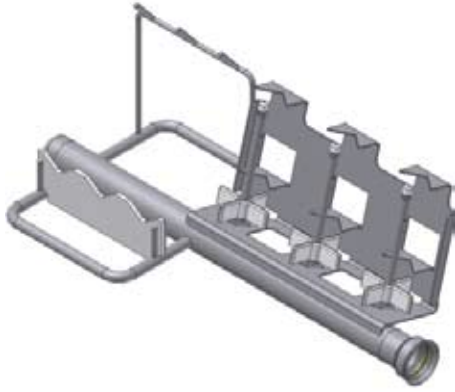


Exchange system for pump parts compatible with rack 845019

For loading of:
3 pcs pumps ($\varnothing = 20$ mm)
3 pcs pump pistons ($\varnothing = 8$ mm)

Equipped with:
3 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 **PH860.2** PH860.2L **845229**



Exchange system for pump parts compatible with rack 845019

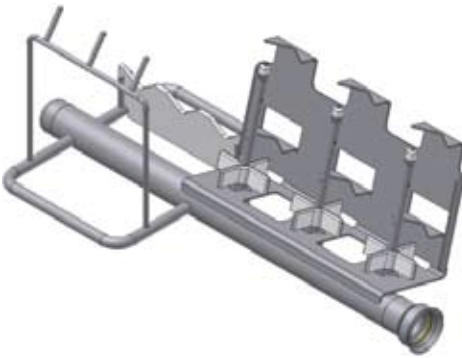
For loading of:

3 pcs pumps ($\varnothing = 33$ mm)
3 pcs pump pistons ($\varnothing = 20$ mm)

Equipped with:

3 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 845234



Exchange system for pump parts compatible with rack 845019

For loading of:

3 pcs pumps ($\varnothing = 52$ mm)
3 pcs pump pistons ($\varnothing = 40$ mm)

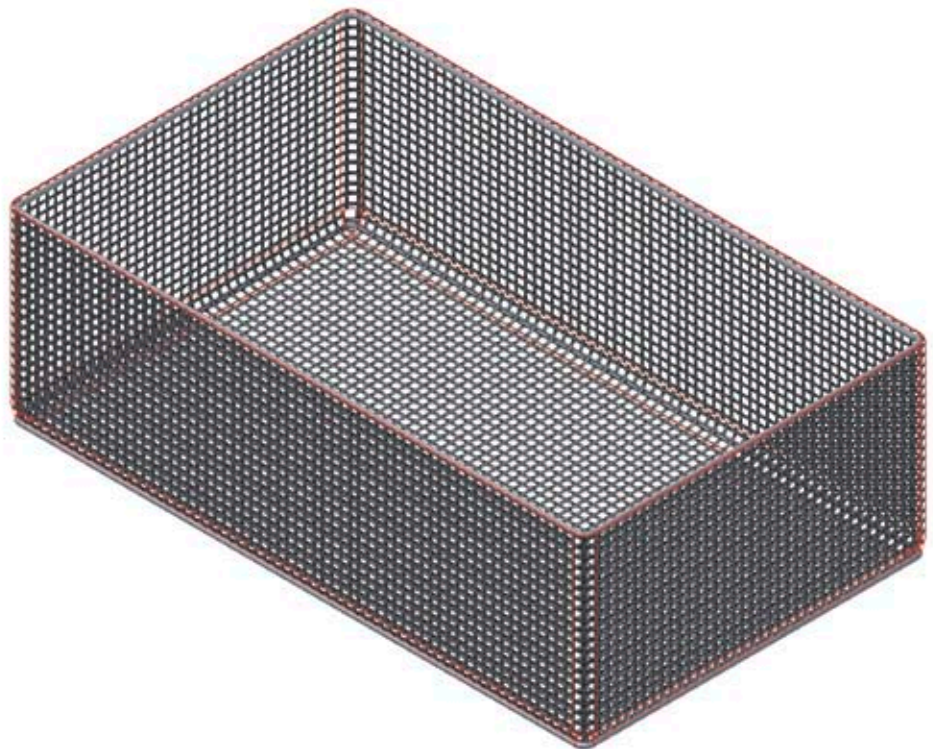
Equipped with:

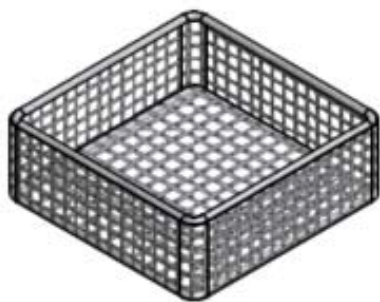
3 pcs direct injection nozzles

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 845236

Accessories

We offer a great variety of solutions even for treatment of small parts. Thanks to the numerous baskets, small parts carriers and inserts, the 1-level and 2-level loading carriers can be individually completed according to customer requirements.





Open basket

For loading of:
Items without direct injection

Compatible lid 843339

Outer dimensions:
WxDxH = 150 x 150 x 55 mm

Mesh width: 4 x 0,9 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 843338



Lid

For loading of:
Items without direct injection

Compatible basket 843338

Outer dimensions:
WxDxH = 135 x 135 x 28 mm

Mesh width: 4 x 0,9 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 843339



Open basket

For loading of:
Items without direct injection

Compatible lid 837557

Outer dimensions:
WxDxH = 230 x 125 x 85 mm

Mesh width: 11 x 1,6 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 836388



Lid

For loading of:
Items without direct injection

Compatible basket 836388

Outer dimensions:
WxDxH = 215 x 110 x 32 mm

Mesh width: 11 x 1,6 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 837557



Open basket

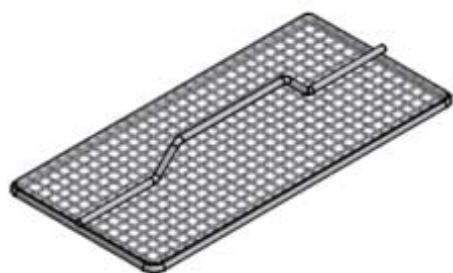
For loading of:
Items without direct injection

Compatible lid 820131

Outer dimensions:
WxDxH = 300 x 150 x 185 mm

Mesh width: 11 x 1,6 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820130



Lid

For loading of:
Items without direct injection

Compatible basket 820130

Outer dimensions:
WxDxH = 275 x 135 x 32 mm

Mesh width: 11 x 1,6 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820131



Open basket

For loading of:
Items without direct injection

Outer dimensions:
WxDxH = 340 x 200 x 185 mm

Mesh width: 11 x 1,6 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 836734



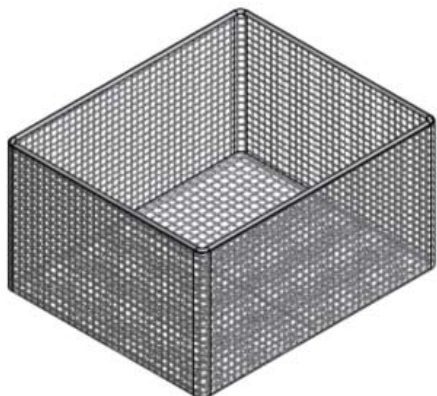
Open basket

For loading of:
Items without direct injection

Outer dimensions:
WxDxH = 340 x 285 x 80 mm

Mesh width: 11 x 1,6 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820396



Open basket

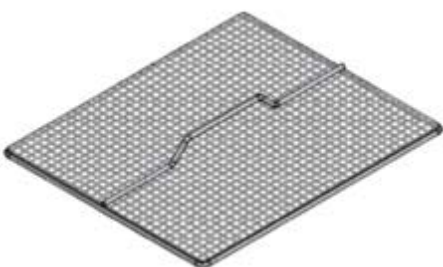
For loading of:
Items without direct injection

Compatible lid 820307

Outer dimensions:
WxDxH = 340 x 285 x 185 mm

Mesh width: 11 x 1,6 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820306



Lid

For loading of:
Items without direct injection

Compatible basket 820306

Outer dimensions:
WxDxH = 325 x 270 x 32 mm

Mesh width: 11 x 1,6 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820307



Open basket

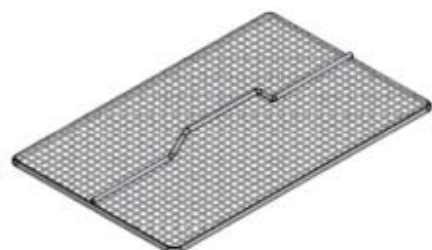
For loading of:
Items without direct injection

Compatible lid 845461

Outer dimensions:
WxDxH = 370 x 240 x 80 mm

Mesh width: 11 x 1,6 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 845339



Lid

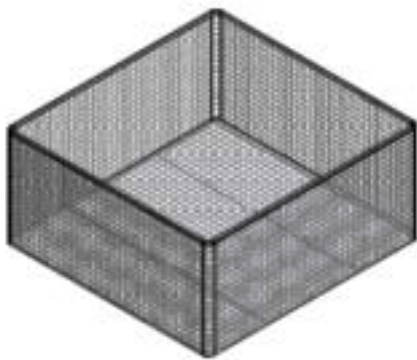
For loading of:
Items without direct injection

Compatible basket 845339

Outer dimensions:
WxDxH = 355 x 225 x 32 mm

Mesh width: 11 x 1,6 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 845461



Open basket

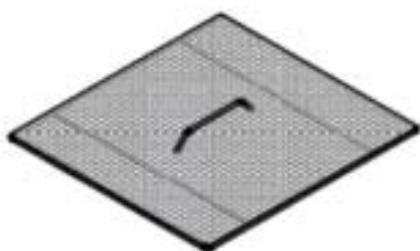
For loading of:
Items without direct injection

Compatible lid 840757

Outer dimensions:
WxDxH = 395 x 380 x 185 mm

Mesh width: 11 x 1,6 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 840756



Lid

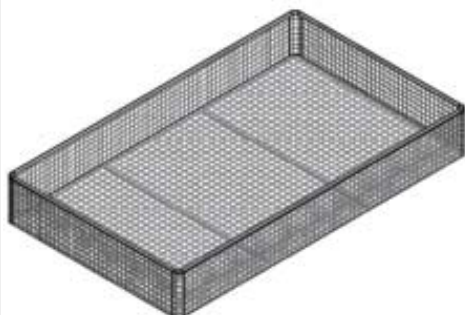
For loading of:
Items without direct injection

Compatible basket 840756

Outer dimensions:
WxDxH = 390 x 365 x 32 mm

Mesh width: 11 x 1,6 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 840757



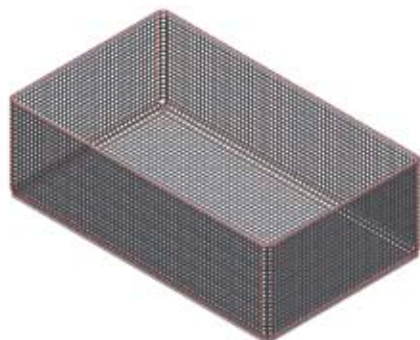
Open basket

For loading of:
Items without direct injection

Outer dimensions:
WxDxH = 570 x 340 x 80 mm

Mesh width: 11 x 1,6 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820394



Open basket

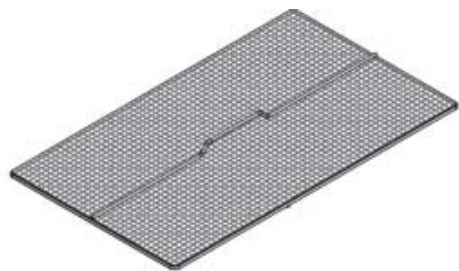
For loading of:
Items without direct injection

Compatible lid 769076

Outer dimensions:
WxDxH = 570 x 340 x 185 mm

Mesh width: 10 x 1,2 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 769075

**Lid**

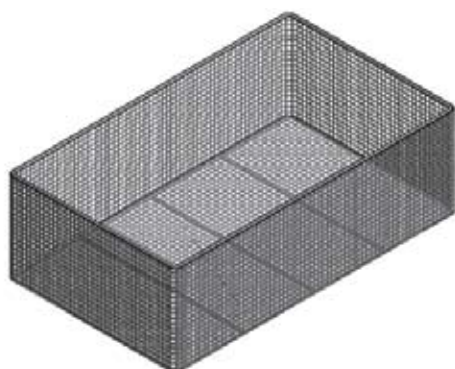
For loading of:
Items without direct injection

Compatible basket 769075

Outer dimensions:
WxDxH = 555 x 325 x 20 mm

Mesh width: 11 x 1,6 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 769076

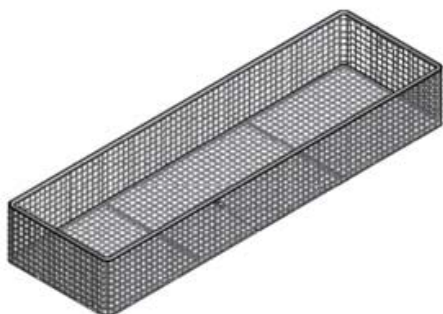
**Open basket**

For loading of:
Items without direct injection

Outer dimensions:
WxDxH = 570 x 340 x 185 mm

Mesh width: 11 x 1,6 mm mesh
width bottom: 4 x 0,9 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820211

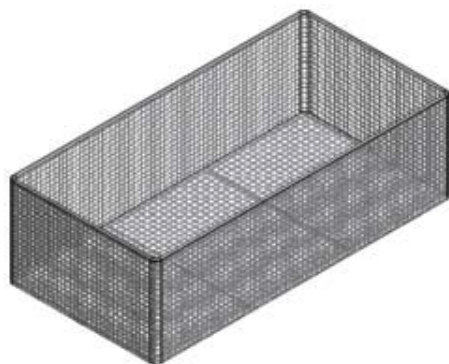
**Open basket**

For loading of:
Items without direct injection

Outer dimensions:
WxDxH = 573 x 173 x 85 mm

Mesh width: 11 x 1,6 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 836385

**Open basket**

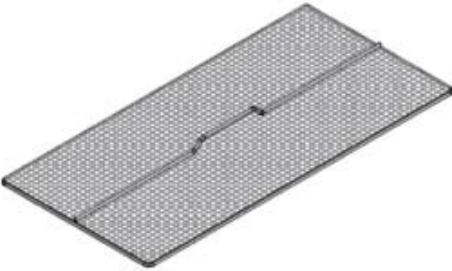
For loading of:
Items without direct injection

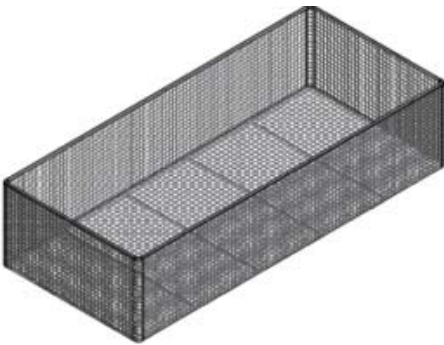
Compatible lid 845188

Outer dimensions:
WxDxH = 600 x 300 x 185 mm

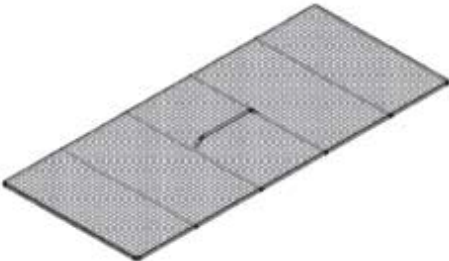
Mesh width: 11 x 1,6 mm

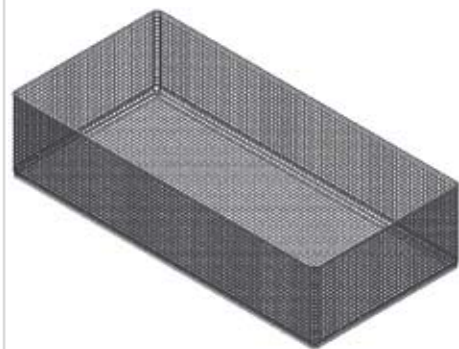
Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 843519

	Lid				
	For loading of: Items without direct injection Compatible basket 843519			Outer dimensions: WxDxH = 585 x 285 x 27 mm Mesh width: 11 x 1,6 mm	
	Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L				845188

	Open basket				
	For loading of: Items without direct injection Compatible lid 843189			Outer dimensions: WxDxH = 790 x 350 x 185 mm Mesh width: 5 x 1 mm	
	Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L				843190

	Open basket				
	For loading of: Items without direct injection Compatible lid 843189			Outer dimensions: WxDxH = 790 x 350 x 185 mm Mesh width: 11 x 1,6 mm	
	Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L				843188

	Lid				
	For loading of: Items without direct injection Compatible basket 843188			Outer dimensions: WxDxH = 775 x 335 x 25 mm Mesh width: 11 x 1,6 mm	
	Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L				843189



Open basket

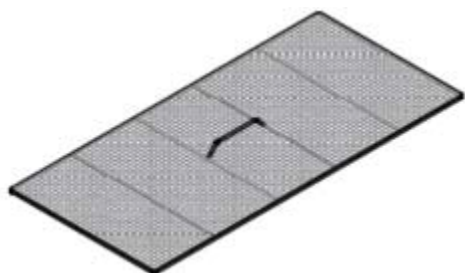
For loading of:
Items without direct injection

Compatible lid 840712

Outer dimensions:
WxDxH = 790 x 380 x 185 mm

Mesh width: 11 x 1,6 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 840711



Lid

For loading of:
Items without direct injection

Compatible basket 840711

Outer dimensions:
WxDxH = 775 x 365 x 32 mm

Mesh width: 11 x 1,6 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 840712



Tray for small items

For loading of:
Items without direct injection

Outer dimensions:
WxDxH = 230 x 180 x 130 mm

Mesh width: 4 x 1 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 888320




Basket with lid


For loading of:
Items without direct injection


Outer dimensions:
WxDxH = 250 x 180 x 119 mm


Mesh width: 4,2 x 4 mm

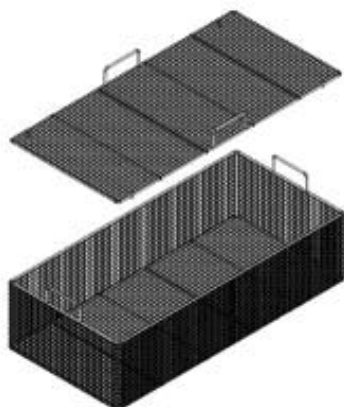
Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 845340

	Tray for small items				
	For loading of: Items without direct injection			Outer dimensions: WxDxH = 320 x 230 x 50 mm Mesh width: 4 x 1 mm with sheet metal parts	
	Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L			840198	

	Tray for small items				
	For loading of: Items without direct injection			Outer dimensions: WxDxH = 330 x 184 x 111,5 mm Mesh width: 11 x 1,6 mm	
	Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L			836291	

	Loading tray				
	For loading of: 50 pcs screw caps			Outer dimensions: WxDxH = 395 x 380 x 150 mm Mesh width: 11 x 1,6 mm	
	Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L			836968	

	Loading tray				
	For loading of: 66 pcs screw caps for GL45 threads			Outer dimensions: WxDxH = 570 x 40 x 150 mm	
	Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L			836007	



Basket with lid

For loading of:
Items without direct injection

Outer dimensions:
WxDxH = 790 x 390 x 200 mm

Mesh width: 11 x 1,6 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 840149

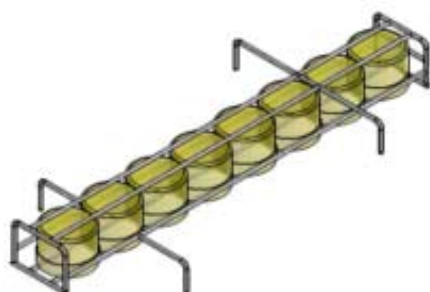


Insert basket

For loading of:
6 pcs screw caps GL45 (blue and red)

Outer dimensions:
WxDxH = 336 x 125 x 36 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 823053



Insert basket

For loading of:
8 pcs screw caps of Nalgene bottles
Ø = 43 mm
Height = 30 mm

Outer dimensions:
WxDxH = 336 x 125 x 36 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 837345



Insert basket

For loading of:
10 pcs screw caps of 30 ml Nalgene bottles

Outer dimensions:
WxDxH = 256 x 140 x 36,5 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 845131



Loading frame for TC-clamps

For loading of:
TC-clamps ½" - 8"

Suitable as insert for open basket (840711)
WxDxH = 790 x 380 x 185 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 845876

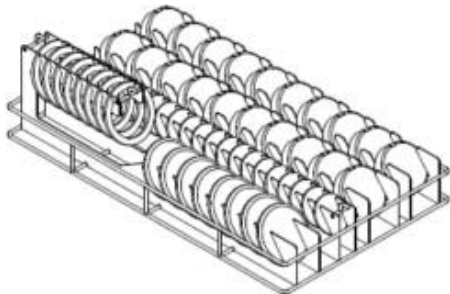


Loading frame for TC-gaskets

For loading of:
Various TC-gaskets ½" - 8" and
Dummy covers ½" - 4"

Suitable as insert for open basket (840711)
WxDxH = 790 x 380 x 185 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 848032

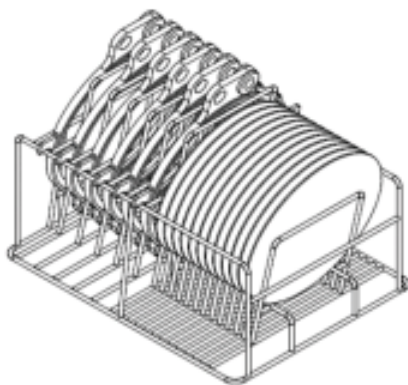


Loading basket

For loading of:
20 pcs screw dummy covers NW 40
8 pcs dummy covers for clamps Ø = 92 mm
20 pcs gaskets for screw dummy covers
8 pcs gaskets for clamps Ø = 92 mm

Outer dimensions:
WxDxH = 570 x 340 x 185 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820122

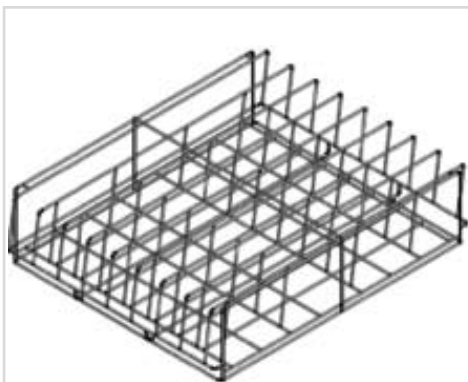


Loading basket

For loading of:
6 pcs filter plates

Outer dimensions:
WxDxH = 370 x 285 x 241 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 820914

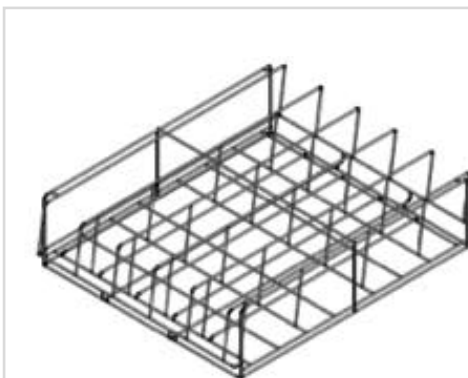


Loading basket

For loading of:
32 pcs boxes

Outer dimensions:
WxDxH = 865 x 709 x 221 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 843191

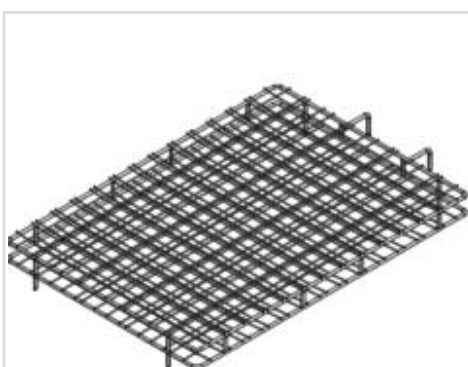


Loading basket

For loading of:
20 pcs boxes

Outer dimensions:
WxDxH = 865 x 709 x 221 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 843192

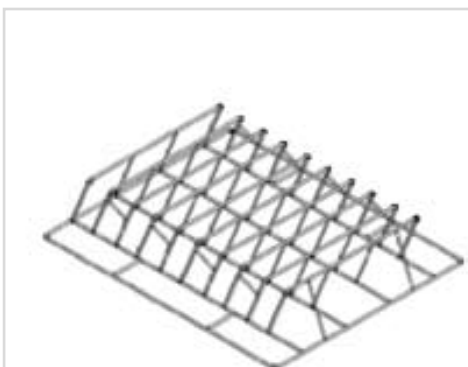


Loading basket

For loading of:
104 pcs Penicillin flasks

Outer dimensions:
WxDxH = 445 x 310 x 50 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 845843



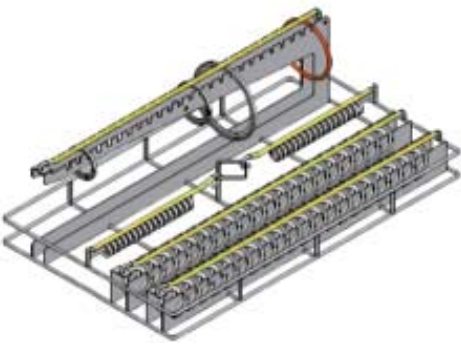
Loading frame


For loading of:
5 pcs big Lyo cups
WxDxH = 450 x 300 x 50 mm or
10 pcs small Lyo cups
WxDxH = 240 x 300 x 50 mm


Outer dimensions:
WxDxH = 747 x 608 x 150 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 823067

	Loading frame					
	For loading of: gaskets TC 15 and TC 25				Outer dimensions: WxDxH = 310 x 154 x 136 mm	
	Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L					836210

	Loading frame					
	For loading of: Gaskets of different sizes				Outer dimensions: WxDxH = 570 x 340 x 165 mm	
	Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L					837187

	Loading frame					
	For loading of: 8 pcs TC-clamps				Outer dimensions: WxDxH = 160 x 245 x 95 mm	
	Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L					845169

	Insert for open basket					
	For loading of: Washing items in inclined position without direct injection (in open basket) Compatible basket 843188, 843190				Outer dimensions: WxDxH = 775 x 335 x 110 mm	
	Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L					845349



Insert for open basket

For loading of:
Beakers
Hoppers
incl. 2 pcs hose retainers for small beakers
Compatible basket 843188, 843190

Outer dimensions:
WxDxH = 775 x 335 x 221 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L 845350

Transfer Carts

Belimed transfer carts are simple and safe in handling. No unintended rolling when loading and unloading the machine: The transfer cart is connected to the machine by docking and interlock devices. The integrated dripping pan with dripping bottle is another proof for high user friendliness. Through easy cleaning, hygiene can easily be kept at a high level.





Transfer cart

For loading of:
Integrated collect pan
Docking device
Locking device
Guide rolls

Outer dimensions:
WxDxH = 875 x 1060 x 996 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **820090**



Transfer cart

For loading of:
Loading from both sides possible
Integrated collect pan
Docking devices
Locking device
Guide rolls

Outer dimensions:
WxDxH = 875 x 1060 x 1000 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **820862**



Transfer cart

For loading of:
Integrated collect pan
Docking device
Locking device
Guide rolls

Outer dimensions:
WxDxH = 1125 x 1170 x 996 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **840306**





Transfer cart


For loading of:
(Special width) integrated collect pan
Docking device
Locking device
Guide rolls


Outer dimensions:
WxDxH = 990 x 1170 x 996 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 PH860.2L **843639**

	Transfer cart				
	For loading of: Integrated collect pan Docking device Locking device Guide rolls			Outer dimensions: WxDxH = 1125 x 1590 x 996 mm	
	Machine type:	PH820.2	PH820.2H	PH840.2	PH860.2 PH860.2L 840355

	Transfer cart				
	For loading of: (Special width) integrated collect pan Docking device Locking device Guide rolls			Outer dimensions: WxDxH = 990 x 1590 x 996 mm	
	Machine type:	PH820.2	PH820.2H	PH840.2	PH860.2 PH860.2L 845360

	Transfer cart				
	For loading of: (Special length / special width) Integrated collect pan Docking device Locking device Guide rolls			Outer dimensions: WxDxH = 944 x 805 x 996 mm	
	Machine type:	PH820.2	PH820.2H	PH840.2	PH860.2 PH860.2L 848172

	Transfer cart				
	For loading of: Integrated collect pan Docking device Locking device Guide rolls			Outer dimensions: WxDxH = 1125 x 1840 x 996 mm	
	Machine type:	PH820.2	PH820.2H	PH840.2	PH860.2 PH860.2L 843229



Transfer cart

For loading of:

(Special length / Special width)
 Special wheel track: 815 mm
 Integrated collect pan
 Docking device
 Locking device
 Guide rolls

Outer dimensions:

WxDxH = 994x 1653 x 996 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 **PH860.2L** **848166**



Transfer cart

For loading of:

Loading from both sides possible
 (Special width / special length)
 Special wheel track: 815 mm
 Integrated collect pan
 Docking devices
 Locking device
 Guide rolls

Outer dimensions:

WxDxH = 944 x 1650 x 734 mm

Machine type: PH820.2 PH820.2H PH840.2 PH860.2 **PH860.2L** **848178**

Technical Data

Configuration

Pharma Racks

Usable dimensions (space) H x W x D (mm)	
Rack PH 820.2	670 x 580 x 715
Rack PH 820.2H	1100 x 580 x 715
Rack PH 840.2	990 x 830 x 830
Rack PH 860.2	1200 x 830 x 1250
Rack PH 860.2L	1200 x 830 x 1500
Materials	
Material 1.4404	■
Material 1.4435	○
Plastics PVDF/PEEK with FDA certificates	■
Surfaces electropolished	■
Ferrite content below 3%	○
Roughness depths	
Material 1.4404	0,8 µm
Weld seams outside	3,2 µm
Weld seams inside	1,6 µm
Plastics	1,6 µm
Customized	○
Documentation / Verification certificates / Services	
Certificate of compliance with the order 2.1 as per EN 10204	■
Test report 2.2 as per EN 10204	○
Inspection certificate 3.1 as per EN 10204	○
Welding book	○
Video endoscopy	○

■ = Standard, ○ = Option

Subject to change without notice.

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