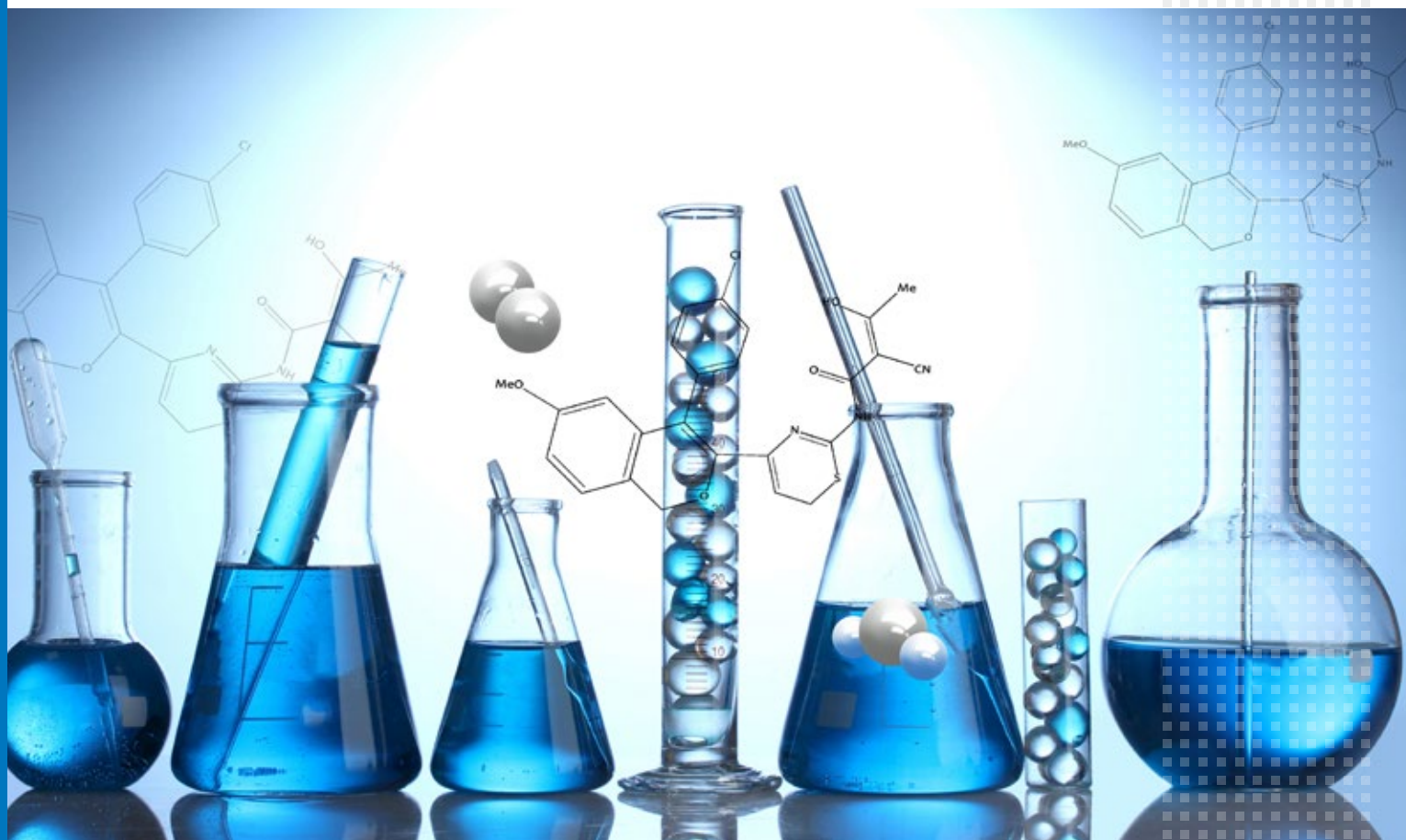


# Racks and accessories for glassware (laboratory glassware) and other materials

Uniclean® PL II 15 - Premium Line



- User-friendly
- Ergonomic
- Safe
- Modular

# Safe – flexible – ergonomic

The MMM rack and accessories range for glassware and other materials in the laboratory area were developed in close co-operation with users. This practicality is readily apparent. The result is a broad range of loading racks with suitable insert modules for cleaning a wide variety of glassware, such as conical flasks, beakers, bottles and measuring cylinders as well as other materials in the laboratory area.

**The MMM racks will impress with their:**

- Outstanding cleaning and drying performance
- User-friendly loading thanks to the modular rack design for flexible and application-specific loading configurations.
- Ergonomic and safe handling of loads
- Stable, stainless steel construction
- Loading racks can be rotated in both directions (also by 180°) during loading
- CoolTouch handles

**Note:** All products referred to in this brochure are suitable for use in both Uniclean® PL II 15 and Uniclean® PL II 30 type machines.

Further accessories such as two-tier rack rest systems or the height-adjustable transport trolley simplify rack logistics and ergonomics in laboratory facilities.



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# 1. Racks and modules for glassware

## □ Glassware rack for UPL II 15 modules

**Application:** Glassware, e.g. laboratory glassware of various shapes and sizes.

Connections for variable and optional loading with:

- 2 modules on the top level
- Up to 6 loading strips on the bottom level
- Wire mesh level for the top level for materials without injection nozzle cleaning
- Max. possible nozzle length: 340 mm

All docking points on the rack are self-sealing

4 x M8x1 threaded connections on the vertical supply pipes

**010561423**

**Loading heights:**

- when using two levels: modules at top: 260 mm, nozzles strips at bottom: 235 mm
- when using two levels: wire mesh level at top: 310 mm, nozzles strips at bottom: 235 mm
- when using the bottom level only with nozzles strips: 570 mm
- when using two levels: modules at top: 260 mm, bottom rack level: 300 mm

**Including:**

- 6 x self-sealing docking points for nozzles strips
- 2 dividers, short
- 2 dividers, long
- 2 supports for wire mesh level



Accessories	MMM No.	Qty
Divider, short for glassware rack for UPL II modules (set of 2)	010562556	1
Divider, long for glassware rack for UPL II 15 modules (set of 2)	010562572	1
Wire mesh level for glassware rack for UPL II 15 modules	010561424	1
Frame for glassware rack for UPL II 15	010561430	1
Glassware module for UPL II 15	010561425	2
Nozzle strip for glassware 1 for UPL II 15	010561441	6
Nozzle strip for glassware 2 for UPL II 15	010562576	6
Nozzle strip for pipettes 1 for UPL II 15	010561444	1
Nozzle strip for pipettes 2 for UPL II 15	010564865	1
Nozzle strip for measuring cylinders 1 for UPL II 15	010561446	5
Nozzle strip for measuring cylinders 2 for UPL II 15	010563891	5
Insert tray 772 x 578 mm	010489293	1

Dimensions	Empty weight
W 640 x H 408 x D 833 (mm)	11 kg

## □ Wire mesh level for glassware rack for UPL II 15 modules

**Application:** Glassware or other materials.  
Removable wire mesh level for the top rack area.

**010561424**

**Suitable for:**

- Glassware rack for UPL II 15 modules
- Glassware rack, 1-level for UPL II 15

Dimensions	Empty weight
W 582 x H 45 x D 771 (mm)	1.9 kg



## □ Frame for glassware rack for UPL II 15

**Application:** Circumferential, removable frame for taller glassware items.  
For use with optional short or long divider elements.

**010561430**

**Suitable for:**

- Glassware rack for UPL II 15 modules
- Glassware rack, 1-level for UPL II 15

**Accessories:**

- Divider, short for glassware rack for UPL II modules (set of 2) - 010562556
- Divider, long for glassware rack for UPL II 15 modules (set of 2) - 010562572

Dimensions	Empty weight
W 634 x H 270 x D 792 (mm)	2 kg



## □ Support rail for glassware rack for UPL II 15

**Application:** Rail made from stainless steel with silicone overlay for material-friendly loading of long and heavy glassware items such as, for example, 2 L measuring cylinders, flexibly positionable on the long side of the rack. Can be fastened to the circumferential, welded-on bottom frame or to the optional top frame of the rack.

**010570470**

**Suitable for:**

- Glassware rack for UPL II 15 modules
- Glassware rack, 1-level for UPL II 15

**Also suitable for:**

- Frame for glassware rack for UPL II 15 - 010561430

Dimensions	Empty weight
W 790 x H 29 x D 26 (mm)	0.5 kg



## □ Support rail 2 for glassware rack for UPL II 15

**Application:** Rail made from stainless steel with silicone overlay and short plastic rods for material-friendly loading and holding of max. 5 measuring cylinders of 250 or 500 ml capacity, flexibly positionable on the long side of the rack. Can be fastened to the circumferential, welded-on bottom frame of the rack.

**010572744**

**Suitable for:**

- Glassware rack for UPL II 15 modules
- Glassware rack, 1-level for UPL II 15

**Also suitable for:**

- Frame for glassware rack for UPL II 15 - 010561430

Dimensions	Empty weight
W 790 x H 36 x D 86,5 (mm)	0.6 kg



## Divider, short for glassware rack for UPL II 15

**Application:** Removable crossbar for flexibly dividing the short side of the rack into load segments. Can be fastened to the circumferential, welded-on bottom frame or to the optional top frame of the rack.

**010562556**

2 pieces per packaging unit

**Suitable for:**

- Glassware rack for UPL II 15 modules
- Glassware rack, 1-level for UPL II 15

**Also suitable for:**

- Frame for glassware rack for UPL II 15 - 010561430

**Dimensions**

∅ 16 x L 627 (mm)



## Divider, long for glassware rack for UPL II 15

**Application:** Removable crossbar for flexibly dividing the short side of the rack into load segments. Can be fastened to the circumferential, welded-on bottom frame or to the optional top frame of the rack.

**010562572**

2 pieces per packaging unit

**Suitable for:**

- Glassware rack for UPL II 15 modules
- Glassware rack, 1-level for UPL II 15

**Dimensions**

∅ 16 x L 780 (mm)



## Glassware module 1 for UPL II 15

**Application:** For variable loading (36 available connections) of glassware on the top level of the glassware rack for UPL II 15 modules.

**010561425**

Suitable, for example, for loading nine 1000 ml glass bottles measuring ∅ 101 mm at the top, ∅ 45 mm at the bottom, and 230 mm high.

Maximum loading height: 260 mm

**Including:**

- 9 nozzles, 150 mm
- 27 blind screw caps
- 9 cross-shaped stoppers

**Dimensions**

W 352 x H 216 x D 618 (mm)

**Empty weight**

3.2 kg



## Glassware module 1.1 for UPL II 15

**Application:** For variable loading (36 available connections) of glassware on the top level of the glassware rack for UPL II 15 modules. Without nozzles.

**010568967**

Maximum loading height: 260 mm

**Including:**

- 36 blind screw caps

**Dimensions**

W 352 x H 69 x D 618 (mm)

**Empty weight**

2.7 kg



## Nozzle strip for glassware 1 for UPL II 15

**Application:** For variable loading (16 available connections) of 4 - 8 glassware items on the bottom level of the glassware rack for UPL II 15 modules.

**010561441**

Maximum loading height: 550 mm

**Including:**

- 4 nozzles (2 x 150 mm, 2 x 290 mm)
- 4 cross-shaped stoppers
- 12 blind screw caps

**Dimensions**

W 45 x H 411 x D 764 (mm)

**Empty weight**

1.3 kg



## Nozzle strip for glassware 1.1 for UPL II 15

**Application:** For variable loading (16 available connections) of 4 - 8 glassware items on the bottom level of the glassware rack for UPL II 15 modules. Without nozzles.

**010568969**

Maximum loading height: 550 mm.

**Including:**

- 16 blind screw caps

**Dimensions**

∅ 35 x H 68 x D 764 (mm)

**Empty weight**

1 kg



## Nozzle strip for glassware 2 for UPL II 15

**Application:** For loading, e.g., four 5000 ml bottles of ∅ 182 mm at the bottom, ∅ 45 mm at the top, height 335 mm for the bottom level of the glassware rack for UPL II 15 modules with the nozzles offset to the right.

**010562576**

Maximum loading height: 550 mm

**Including:**

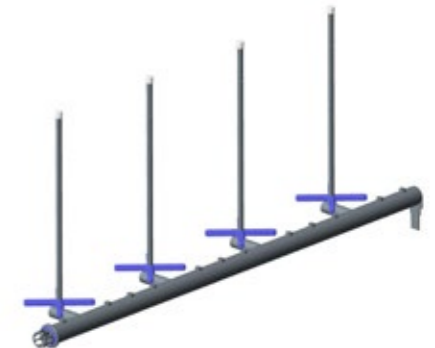
- 4 nozzles, 290 mm
- 4 cross-shaped stoppers, large
- 12 blind screw caps

**Dimensions**

∅ 35 x H 355 x D 764 (mm)

**Empty weight**

1.8 kg



## Nozzle strip for glassware 2.1 for UPL II 15

**Application:** For loading, e.g., four 5000 ml bottles of ∅ 182 mm at the bottom, ∅ 45 mm at the top, height 335 mm for the bottom level of the glassware rack for UPL II 15 modules with the nozzles offset to the right.

**010569229**

Maximum loading height: 550 mm.

**Including:**

- 16 blind screw caps

**Dimensions**

∅ 35 x H 68 x D 764 (mm)

**Empty weight**

1.2 kg



## Nozzle strip for glassware 3 for UPL II 15

**Application:** For variable loading (16 available connections) of 4 - 8 glassware items on the bottom level of the glassware rack for UPL II 15 modules with the optional nozzles arranged on the left. Inclination of the optional nozzles: 30°. Without nozzles.

**010569217**

Maximum loading height: 550 mm

**Including:**  
• 16 blind screw caps

**Accessories:**

- Support rail for glassware rack for UPL II 15 - 010570470

**Dimensions**

øø 35 x H 68 x D 764 (mm)

**Empty weight**

1 kg



## Nozzle strip for pipettes 1 for UPL II 15

**Application:** For loading max. 18 pipettes on the bottom level of the glassware rack for UPL II 15 modules with the rinsing holders arranged on the right.

**010561444**

Maximum loading height: 600 mm

**Including:**  
• 18 rinsing holders 16

**Dimensions**

øø 35 x H 177 x D 764 (mm)

**Empty weight**

2.3 kg



## Nozzle strip for pipettes 2 for UPL II 15

**Application:** For loading max. 18 pipettes on the bottom level of the glassware rack for UPL II 15 modules with the rinsing holders arranged on the left.

**010564865**

Maximum loading height: 600 mm

**Including:**  
• 18 rinsing holders 16

**Dimensions**

øø 35 x H 177 x D 764 (mm)

**Empty weight**

2.3 kg



## Nozzle strip for measuring cylinders 1 for UPL II 15

**Application:** For loading max. 9 measuring cylinders on the bottom level of the glassware rack for UPL II 15 modules with the nozzles arranged on the left.

**010561446**

**Suitable for:**  
• Glassware rack for UPL II 15 modules  
• Glassware rack, 1-level for UPL II 15

**Accessories:**  
• 9 nozzles (5 x 150 mm, 4 x 290 mm)  
• 9 cross-shaped stoppers

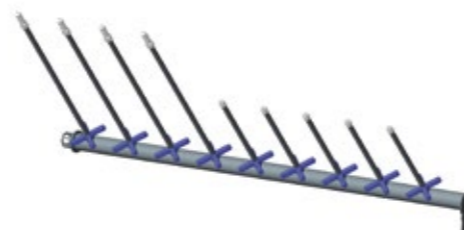
Maximum loading height: 600 mm

**Dimensions**

øø 35 x H 283 x D 764 (mm)

**Empty weight**

1.5 kg



## Nozzle strip for measuring cylinders 2 for UPL II 15

**Application:** For loading max. 9 measuring cylinders on the bottom level of the glassware rack for UPL II 15 modules with the nozzles arranged on the right.

**010563891**

**Suitable for:**  
• Glassware rack for UPL II 15 modules  
• Glassware rack, 1-level for UPL II 15  
Maximum loading height: 600 mm

**Accessories:**  
• 9 nozzles (5 x 150 mm, 4 x 290 mm)  
• 9 cross-shaped stoppers

**Dimensions**

øø 35 x H 283 x D 764 (mm)

**Empty weight**

1.5 kg



## Glassware rack, 1-level for UPL II 15 (rack for secretion flasks)

**Application:** Glassware (e.g. secretion flasks)

With circumferential double-frame element at the top for use with short and long dividing elements to better position the glassware.

**010563298**

**Typical load:**  
e.g., max. 20 secretion flasks on screw-on single nozzles, or glassware with maximum øi 60 mm flask neck (bottle facing downwards) and max. ø 140 mm flask base.

**Including:**  
• 20 nozzles, 340 mm with nozzle spacers 9mm  
• 20 spring clips  
• 20 cross-shaped stoppers  
• 22 blind screw caps  
• 2 dividers, short  
• 2 dividers, long

**Accessories**

Divider, short for glassware rack for UPL II 15

**MMM No.**

010562556

**Qty**

1

Divider, long for glassware rack for UPL II 15

010562572

1

**Dimensions**

W 640 x H 395 x D 833 (mm)

**Empty weight**

14,2 kg



## Glassware rack, 2-level for UPL II 15

**Application:** Glassware, e.g. baby bottles and accessories.

**010109339**

**Typical load:** Max. loading heights for top/bottom level: 219 mm

**Accessories**

Insert module for glassware 2 for UPL II 15

**MMM No.**

010109341

**Qty**

6

Insert module for glassware 3 for UPL II 15

010109342

6

Insert module for glassware 4 for UPL II 15

010486455

6

Insert module for glassware 5 for UPL II 15

010486453

6

Insert module for glassware 7 for UPL II 15

010564423

2

Insert holder for 2-level glassware rack

010564448

2

Insert module for glassware 8 for UPL II 15

010564448

6

**Dimensions**

W 640 x H 439 x D 833 (mm)

**Empty weight**

19 kg



## Insert holder for 2-level glassware rack

Application: Insert module holder for glassware 7 for UPL II 15 on 2-level glassware rack.

010564448

Accessories	MMM No.	Qty
Insert module for glassware 7 for UPL II 15	010564423	2

Dimensions	Empty weight
W 496 x H 42 x D 440 (mm)	1 kg



## Glassware rack, 3-level for UPL II 15

Application: Glassware, e.g. 1000 /1500 ml, ø 125 mm glass beaker with lip or spout, height of container 160/183 mm

010566679

Max. loading heights:	Including:
Bottom level: 192 mm	• 60 flat nozzles
Middle level: 169 mm	
Top level: 192 mm	

Accessories	MMM No.	Qty
Insert module for glassware 6 for UPL II 15	010564422	6

Dimensions	Empty weight
W 640 x H 472 x D 833 (mm)	27 kg



## Rack, 1-level for UPL 15

Application: Glassware and other materials.

010109310

Typical load:  
Varies depending on the application.  
Loading height: 640 mm.

Dimensions	Empty weight
W 640 x H 290 x D 833 (mm)	7.5 kg



## Rack, 2-level for UPL 15

Application: Glassware (max. 200 mm high and with wide neck) and other materials. 4 connections with blind plugs per intermediate level (M8x1).

010109311

Typical load:  
Clear tier height: 278 mm

Dimensions	Empty weight
W 640 x H 374 x D 833 (mm)	9.4 kg



## Rack, 2-level S for UPL 15

Application: Glassware (max. 200 mm high and with wide neck) and other materials. 4 connections with blind plugs per intermediate level (M8x1).

010109312

Typical load:  
Clear tier height:  
Bottom: 395 mm  
Top: 150 mm

Dimensions	Empty weight
W 640 x H 490 x D 833 (mm)	10 kg





## 2. Inserts

### Insert tray 772 x 578 mm

Application: Fine-meshed insert tray for a complete rack level.

010489293

Maximum loading height: 600 mm

Dimensions	Empty weight
W 578 x H 7 x L 772 (mm)	1.7 kg



### Insert module for glassware 1 for UPL II 15

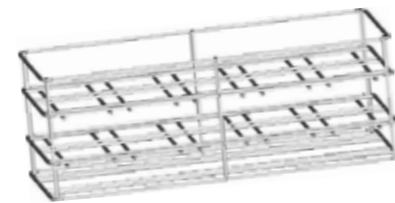
Application: Insert for loading e.g. max. 10 conical flasks of 200-1000 ml capacity.

010562798

Suitable for:

- Glassware rack for UPL II 15 modules
- Rack, 1-level for UPL 15
- Rack, 2-level for UPL 15
- Rack, 2-level S for UPL 15 (bottom level only)

Dimensions	Empty weight
W 240 x H 205 x L 580 (mm)	3 kg



### Insert module for glassware 2 for UPL II

Application: Insert with lid for loading e.g. max. 11 conical flasks of 25, 50, 100 ml capacity.

010109341

Suitable for:

- Glassware rack, 2-level for UPL II 15

Dimensions	Empty weight
W 190 x H 125 x L 425 (mm)	1.7 kg



### Insert module for glassware 3 for UPL II

Application: Insert with lid for loading e.g. max. 11 conical flasks of 150 ml capacity.

010109342

Suitable for:

- Glassware rack, 2-level for UPL II 15

Dimensions	Empty weight
W 190 x H 190 x L 425 (mm)	1.7 kg



### Insert module for glassware 4 for UPL II

Application: Insert with lid for loading small items, e.g. aspirators.

010486455

Suitable for:

- Glassware rack, 2-level for UPL II 15

Dimensions	Empty weight
W 179 x H 90 x L 429 (mm)	1.6 kg



### Insert module for glassware 5 for UPL II

Application: Insert with lid for loading small items, for example baby bottle sealing caps.

010486453

Suitable for:

- Glassware rack for UPL II 15 modules
- Glassware rack, 2-level for UPL II 15
- Rack, 1-level for UPL 15
- Rack, 2-level for UPL 15
- Rack, 2-level S for UPL 15

Dimensions	Empty weight
W 199 x H 50 x L 425 (mm)	1 kg



### Insert module for glassware 8 for UPL II

Application: Insert rack with lid for loading small items.

010564445

Suitable for:

- Glassware rack for UPL II 15 modules
- Glassware rack, 2-level for UPL II 15
- Rack, 1-level for UPL 15
- Rack, 2-level for UPL 15
- Rack, 2-level S for UPL 15

Dimensions	Empty weight
W 199 x H 120 x L 425 (mm)	1.2 kg



### Rack with lid

Application: Insert rack with lid for loading small items.

010491059

Dimensions	Empty weight
W 100 x H 50 x L 200 (mm)	0.3 kg



## Insert module for glassware 6 for UPL II 15

Application: Insert for loading beakers including a short and long dividing element.

**010564422**

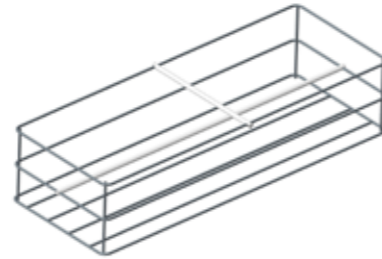
Maximum load: 5 kg

Suitable for:

- Glassware rack, 3-level for UPL II 15

Accessories	MMM No.
Divider, short for glassware 6 insert module for UPL II 15	010566695
Divider, short for glassware 6 insert module for UPL II 15	010566697

Dimensions	Empty weight
W 275 x H 150 x L 719 (mm)	1.3 kg



## Divider, short for glassware 6 insert module for UPL II 15

Application: Divider element for clipping onto the frame of the glassware 6 insert module for UPL II 15. 2 pieces per packaging unit.

**010566695**

Suitable for:

- Insert module for glassware 6 for UPL II 15

Dimensions
∅ 10 x L 280 (mm)



## Divider, long for glassware 6 insert module for UPL II 15

Application: Divider element for clipping onto the frame of the glassware 6 insert module for UPL II 15. 2 pieces per packaging unit.

**010566697**

Suitable for:

- Insert module for glassware 6 for UPL II 15

Dimensions
∅ 10 x L 724 (mm)



## Insert module for glassware 7 for UPL II 15

Application: Insert for loading glassware including 2 divider elements.

**010564423**

Suitable for:

- Glassware rack, 2-level for UPL II 15
- Insert holder for 2-level glassware rack

Accessories	MMM No.
Divider, short for glassware 7 insert module for UPL II 15	010564932
Divider, short for glassware 7 insert module for UPL II 15	010564934

Dimensions	Empty weight
W 417 x H 160 x L 425 (mm)	1.5 kg



## Divider, short for glassware 7 insert module for UPL II 15

Application: Divider element for clipping onto the frame of the glassware 7 insert module for UPL II 15. 2 pieces per packaging unit.

**010564932**

Suitable for:

- Insert module for glassware 7 for UPL II 15

Dimensions
∅ 10 x L 422 (mm)



## Divider, long for glassware 7 insert module for UPL II 15

Application: Divider element for clipping onto the frame of the glassware 7 insert module for UPL II 15. 2 pieces per packaging unit.

**010564934**

Suitable for:

- Insert module for glassware 7 for UPL II 15

Dimensions
∅ 10 x L 430 (mm)



## Insert module for small DIN trays with lid

Application: Insert for holding ∅ 60 - 150 mm Petri dishes.

**010531553**

Suitable for:

- Glassware rack for UPL II 15 modules (bottom)
- Rack, 1-level for UPL 15
- Rack, 2-level for UPL 15
- Rack, 2-level S for UPL 15 (bottom only)

Dimensions	Empty weight
W 250 x H 149 x L 590 (mm)	1.4 kg



## Insert module for 1 L measuring jugs

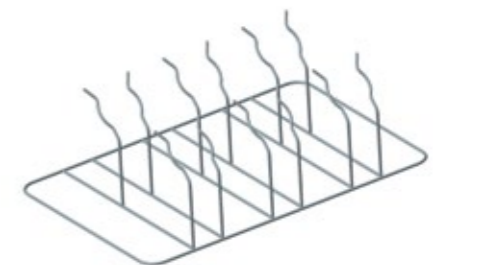
Application: Insert for loading up to 6 measuring jugs of 1L capacity.

**010486454**

Suitable for:

- Glassware rack for UPL II 15 modules (bottom)
- Rack, 1-level for UPL 15

Dimensions	Empty weight
W 380 x H 203 x L 590 (mm)	1.1 kg







### 3. Small items / nozzles

#### □ Nozzles for glassware, ø 8 x 70, M8x1

Application: For glassware.  
With nozzle cap ø 10 mm, cross-shaped stopper 60.

010563304

1 piece per packaging unit.

Dimensions

W 60 x H 80 x L 60 (mm)



#### □ Nozzles for glassware, ø 8 x 120, M8x1

Application: For glassware.  
With nozzle cap ø 10 mm, cross-shaped stopper 60.

010563305

1 piece per packaging unit.

Dimensions

W 60 x H 130 x L 60 (mm)



#### □ Nozzles for glassware, ø 8 x 150, M8x1

Application: For glassware.  
With nozzle cap ø 10 mm, cross-shaped stopper 60.

010563299

1 piece per packaging unit.

Dimensions

W 60 x H 160 x L 60 (mm)



#### □ Nozzles for glassware, ø 8 x 220, M8x1

Application: For glassware.  
With nozzle cap ø 10 mm, cross-shaped stopper 100.

010570939

1 piece per packaging unit.

Dimensions

W 77 x H 230 x L 88 (mm)



#### □ Nozzles for glassware, ø 8 x 290, M8x1

Application: For glassware.  
With nozzle cap ø 10 mm, cross-shaped stopper 100.

010563306

1 piece per packaging unit.

Dimensions

W 77 x H 300 x L 88 (mm)



#### □ Nozzles for glassware, ø 8 x 340, M8x1

Application: For glassware.  
With nozzle cap ø 10 mm, cross-shaped stopper 100.

010576306

1 piece per packaging unit.

Dimensions

W 77 x H 367 x L 88 (mm)



#### □ Nozzles for glassware with holder, ø 6 x 250

Application: Nozzle incl. 3-part holder for glassware. ø 6 mm nozzles, length 250 mm incl. nozzle cap ø 8 mm, holder and 100 mm star-shaped stopper.

010569230

1 piece per packaging unit

Dimensions

W 269 x H 268 (mm)



#### □ Nozzles for glassware with holder, ø 8 x 290

Application: Nozzle incl. 3-part holder for glassware. ø 8 mm nozzles, length 290 mm incl. nozzle cap ø 10 mm, holder and 100 mm star-shaped stopper.

010569220

1 piece per packaging unit

Dimensions

W 269 x H 300 (mm)



#### □ Nozzles for glassware with holder, ø 8 x 150

Application: Nozzle incl. 3-part holder for glassware. ø 8 mm nozzles, length 150 mm incl. nozzle cap ø 10 mm, holder and 100 mm star-shaped stopper.

010573342

1 piece per packaging unit

Dimensions

W 269 x H 160 (mm)



#### □ Nozzles for glassware, ø 6 x 150, M8x1

Application: For glassware. With nozzle cap ø 8 mm, ø 6 mm stopper.

010569029

1 piece per packaging unit

Dimensions

W 44 x H 158 (mm)



#### □ Nozzles for glassware, ø 6 x 70, M8x1

Application: For glassware. With nozzle cap ø 8 mm, ø 6 mm stopper.

010569276

1 piece per packaging unit

Dimensions

W 44 x H 78 (mm)



#### □ Nozzles for glassware, ø 6 x 250, M8x1

Application: For glassware. With nozzle cap ø 8 mm, ø 6 mm stopper.

010569223

1 piece per packaging unit

Dimensions

W 44 x H 258 (mm)



#### □ Nozzle caps, ø 10 mm (set of 5)

Application: For glassware. For ø 8 mm glassware nozzles.

010563308

5 pieces per packaging unit.

Dimensions

ø 10 x L 15 M6 (mm)



#### □ Nozzle caps, ø 8 mm (set of 5)

Application: For glassware. For ø 6 mm glassware nozzles.

010569227

5 pieces per packaging unit.

Dimensions

ø 8 x L 12 M5 (mm)



#### □ Nozzle spacer, 9 mm (set of 5)

Application: For glassware and tubes. For ø 8 mm glassware nozzles.

010537072

5 pieces per packaging unit.

Dimensions

ø 12 x L 35 M8x1 (mm)



#### □ Flat nozzles, plastic (set of 5)

Application: Glassware rack, 3-level for UPL II 15.

010573489

5 pieces per packaging unit.

Dimensions

ø 12 x L 11 M8x1 (mm)



Centering cone for glassware 1 (set of 2)  Centering cone for glassware 2 (set of 2)

Application: For  $\varnothing$  8 mm nozzle pipes.

010563309

2 pieces per packaging unit.

Dimensions

$\varnothing$  10/40 x L 40 (mm)



Application: For  $\varnothing$  8 mm nozzle pipes.

010563311

2 pieces per packaging unit.

Dimensions

$\varnothing$  20/60 x L 55 (mm)



Centering cone for glassware 3 (set of 2)  Stopper, cross-shaped 60 (set of 10)

Application: For  $\varnothing$  8 mm nozzle pipes.

010563312

2 pieces per packaging unit.

Dimensions

$\varnothing$  30/60 x L 40 (mm)



Application: For  $\varnothing$  8 mm nozzle pipes.

010563317

10 pieces per packaging unit.

Dimensions

W 60 x H 8 x L 60 (mm)



Stopper, star-shaped 100 (set of 10)  Stopper, cross-shaped 140 (set of 5)

Application: For  $\varnothing$  8 mm nozzle pipes.

010564864

10 pieces per packaging unit.

Dimensions

W 88 x H 8 x L 77 (mm)



Application: For  $\varnothing$  8 mm nozzle pipes, two-piece.

010569031

5 pieces per packaging unit.

Dimensions

W 140 x H 15 x L 140 (mm)



Stopper for  $\varnothing$  8 mm nozzle (set of 2)  Stopper for  $\varnothing$  6 mm nozzle (set of 2)

Application: For  $\varnothing$  8 mm nozzle pipes.

010518981

2 pieces per packaging unit.

Dimensions

$\varnothing$  15 x L 95 (mm)



Application: For  $\varnothing$  8 mm nozzle pipes.

010518982

2 pieces per packaging unit.

Dimensions

$\varnothing$  10 x L 44 (mm)



Spring clips for 6 mm nozzles (set of 10)  Spring clips for 8 mm nozzles (set of 10)

Application: For  $\varnothing$  6 mm nozzle pipes.

010569030

10 pieces per packaging unit.

Dimensions

L 16 x H 36,5 (mm)



Application: For  $\varnothing$  8 mm nozzle pipes.

010563318

10 pieces per packaging unit.

Dimensions

L 16 x H 36,5 (mm)



## 4. Configuration examples

Rack for glassware, 2-level for UPL II

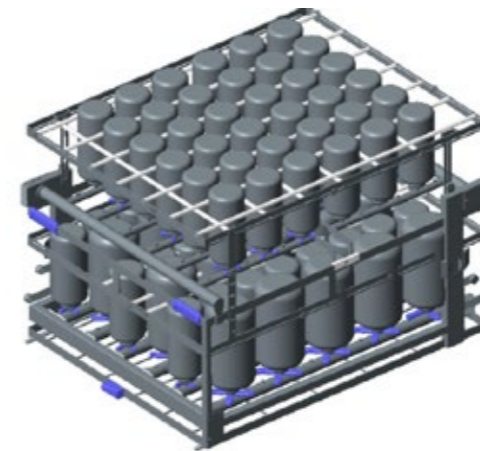
010109341 or 010109342:

- 4 insert modules for 21 baby bottles 125 or 250 ml (total 63 bottles).

010486455:

- 2 inserts for baby bottle teats (total 48 bottle teats).

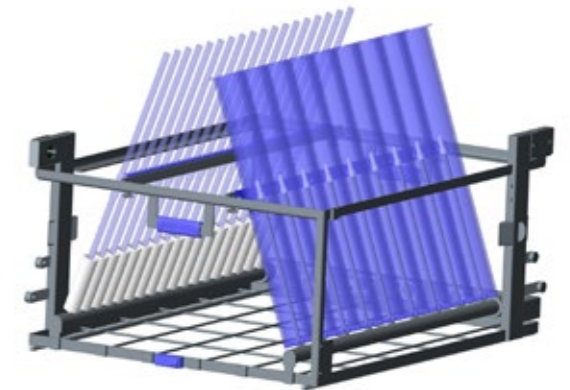
Rack no.: 010109339



Glassware rack for UPL II 15 modules

- Strip with 18 adapter nozzles for pipettes (1, 2, 5, 10, 25, 50 ml (360, 450 mm))
- Strip with 9 nozzles with side holes for measuring cylinders (10, 25, 50, 100 ml)

Rack no.: 010561423



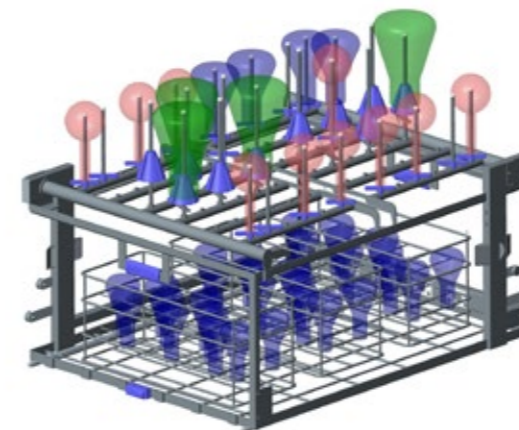
Glassware rack for UPL II 15 modules

Top: 2 modules with max. 24 thread connections (M8X1) each, 16 connections with nozzles and 8 connections with blind screws. Example:

- First module with 6 balloons of 100 ml capacity, 3 conical flasks of 300 ml capacity
- Second module with 7 balloons of 100 ml capacity, 1 conical flask of 300 ml capacity and 2 conical flasks of 200 ml capacity

Bottom: 3 inserts for bottles of different sizes (when cleaning using rotating arm in chamber)

Rack no.: 010561423



Rack for glassware, 3-level for UPL II

Bottom and top level: Beaker with spout  
125 mm diameter and maximum height 183 mm

Middle level: Beaker with hole opening, 125 mm diameter and maximum height 160 mm

Rack no.: 010566679





### MMM Group

MMM has been operating worldwide as one of the leading system providers in the service of health since 1954. With a complete range of products and services relating to all aspects of cleaning, disinfection and sterilization systems for the fields of **Healthcare** and **Life Science**, MMM has positioned itself as a major driver of quality and innovation in both the German and international markets.

Our products are individually adapted to the requirements of our customers all over the world. The high vertical range of manufacturing in our production plants ensures that we fulfill the most stringent demands for quality in the medical technology industry. More than 1200 employees apply their expertise and dedication to the mission of the MMM Group: **Protecting human health.**



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