

## Washer-disinfector Accessories



G 7882, G 7882 CD  
G 7804, G 7883, G 7883 CD  
G 7835 CD, G 7836 CD

# Transport systems

2



**MT Mieltrans  
Transport trolley**

For storing and transporting baskets and inserts on 4 levels, adjustable by up to 102.5 mm, running on 4 lockable castors.  
Dimensions: H 1985, W 616, D 662 mm.  
Usable area: 549 x 599 mm



**MC/1 Mielcar  
Transfer trolley**

For loading and unloading washer-disinfectors with baskets and inserts, 4 castors (2 of which are lockable), height adjustable, 2 recessed shelves, handle and docking system.  
Dimensions: H 1000, W 630, D 814 mm (D 960 mm when docking system raised)  
Loading height: 640-885 mm, adjustable  
For washer-disinfector G 7836 CD and other Miele washer-disinfectors on 30 cm high plinths

Accessories	G 7804	G 7882/83	G 7882 CD	G 7892/93	G 7883 CD	G 7835 CD	G 7836 CD	Mat. No.	Article No.
MC/1		•	•	•	•	•	•	6555650	<b>69.2001.08</b>
MT	•	•	•	•	•	•	•	3893140	<b>69.2001.02</b>

MC Mielcar can only be used on G 7882, G 7882 CD, G 7892, G 7883, G 7883 CD, G 7893 and G 7835 CD if fitted on a 30 cm plinth base.

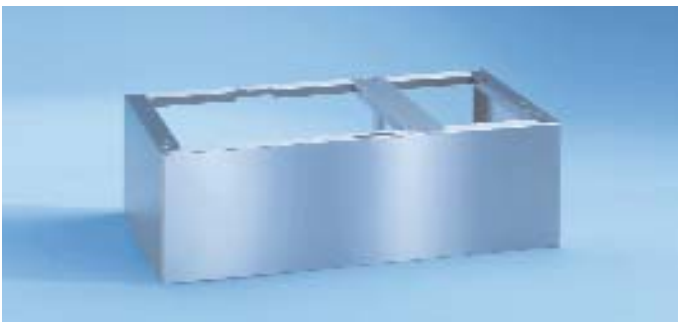


**UE 30-30/60-78**  
**Stainless steel plinth**  
 • Machine screws onto plinth  
 • H 300, W 300, D 600 mm

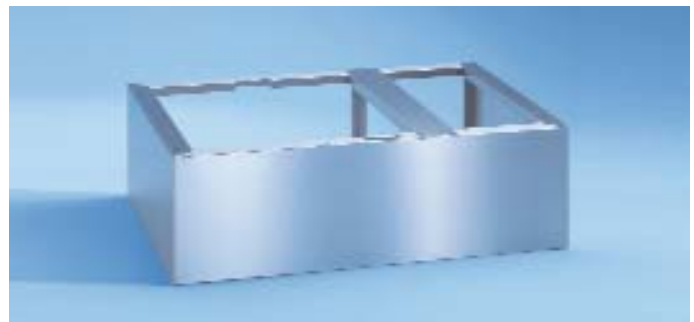


**UE 30-60/60-78**  
**Stainless steel plinth**  
 • Machine screws onto plinth  
 • H 300, W 600, D 600 mm

All plinths can be open at the front or back, according to preference.



**UC 30-90/60-78**  
**Stainless steel plinth**  
 • Machine screws onto plinth  
 • H 300, W 900, D 600 mm



**UC 30-90/70-78**  
**Stainless steel plinth**  
 • Machine screws onto plinth  
 • H 300, W 900, D 700 mm

Accessories	G 7895	G 7896	G 7882/92	G 7882 CD	G 7883/93	G 7883 CD	G 7835 CD	Mat. No.	Article No.
UE 30-30/60-78	•	•						5848340	<b>69.3730.04</b>
UE 30-60/60-78			•		•			5818030	<b>69.3760.09</b>
UC 30-90/60-78			with G 7895/...6		with G 7895/...6			5818080	<b>69.3790.08</b>
UC 30-90/70-78				•		•	•	5818100	<b>69.3790.09</b>

# Accessories



## G 7896 DOS cabinet

- Cabinet for 1–4 DOS modules with containers
- Removable door
- Freestanding, can be built under
- Casing stainless steel
- **3 levels:**

**Level 1:** Pull-out drawer on telescopic runners for storage of up to 4 DOS modules

**Levels 2 and 3:** Pull-out drawer on telescopic runners with drip tray and retainer for storage of 2 five litre containers

### Internal dimensions:

H 530, W 249, D 480 mm

→ The following container sizes can be used:

Container	L x W x H
4 x 5 litre	245 x 145 x 225 mm*
2 x 10 litre	140 x 193 x 307 mm
2 x 10 litre	223 x 203 x 321 mm
2 x 10 litre	229 x 193 x 323 mm
2 x 10 litre	194 x 204 x 353 mm
3 x 10 litre	268 x 151 x 350 mm
1 x 20 litre	289 x 233 x 396 mm
1 x 25 litre	288 x 234 x 456 mm

### External dimensions:

H 850 (820), W 300, D 600 mm

\* Only possible with DOS G 60/1 module with short siphon tube

## DOS G 60 module

(Illustrated)

- For liquid cleaning agents
- Siphon dispensing pump, electronically controlled by the machine
- 333 mm siphon with magnetic float to indicate when 5 and 10 litre containers are empty
- Conversion kit for long siphon tube (for 10–30 litre containers) available from Miele Spare Parts Dept., Mat. Nr. 5458030

## DOS G 60/1 module

- As DOS G 60, but 200 mm siphon with magnetic float to indicate when 5 litre container is empty

## DOS G 10 module

- Dispenser for liquid agents
- Siphon dispensing pump, electronically controlled by the machine
- Siphon with magnetic float to indicate when 5 and 10 litre containers are empty
- Conversion kit for long siphon tube (for 10–30 litre containers) available from Miele Spare Parts Dept., Mat. Nr. 5458030

## DOS 2

- Bellows pump, retrofittable by Miele service technician
- For liquid agents (rinsing agent)

## DOS 4

- Bellows pump, retrofittable by Miele service technician
- For liquid agents (disinfection agent)

## DOS K 60 module

- For liquid cleaning agents
- Siphon dispensing pump, electronically controlled by the machine
- Integrated dispensing monitor
- Siphon with magnetic float to indicate when 5 and 10 litre containers are empty
- Conversion kit for long siphon tube (for 10–30 litre containers) available from Miele Spare Parts Dept., Mat. Nr. 5458030

## DOS K 60/1 module

- As DOS K 60, but short siphon hose with magnetic float to indicate when 5 litre container is empty

Accessory	G 7804	G 7882/92	G 7882 CD	G 7883/93	G 7883 CD	G 7835 CD	G 7836 CD	Mat. No.	Article No.
G 7896 AE	•	•		•		•		5871330	69.7896.02
DOS G 60	•			•	•	•		5703990	69.7470.05
DOS G 60/1	•			•	•	•		5996260	69.7470.07
DOS G 10	•					•		5729360	69.7470.06
DOS 2							•	6425750	69.2260.02
DOS 4							•	6425780	69.2260.03
DOS K 60	•	•	•	•	•			6940330	69.7470.08
DOS K 60/1	•	•	•	•	•			6940340	69.7470.09



**G 7895/1 Aqua purificator for E 310/318 cartridges**

- For use with G 78– series machines (angled fascia)
- Cabinet for two E 310/318 water demineralisation cartridges with conductivity meter, generally recommended quality for final rinse <math>< 15 \mu\text{S}/\text{cm}</math>
- **Design:** front loading cabinet, angled fascia, freestanding, can be built under
- **Electrical connection:** 230 V 50 Hz
- **Plumbing:** Two pressure hoses, approx. 1.2 m long, with 3/4" threaded union  
1x cold water connection to cartridge, 2.5–10 bar pressure  
1x connection from cartridge to machine (loss of pressure approx. 1 bar for each cartridge)
- **External dimensions:** H 850 (820), W 300, D 600 mm



**LWM module C Conductivity meter**

- For water demineralisation cartridges E 310/318, H 118, W 235, D 110 mm, from 0–20  $\mu\text{S}/\text{cm}$
- Electrical connection: AC 230 V 50 Hz
- 2 hoses 1.9 m long with 3/4" threaded union, supplied with machine
- Conductivity to approx: 1.5  $\mu\text{S}/\text{cm}$  for water tridistillate  
2.5  $\mu\text{S}/\text{cm}$  for water bidistillate  
20.0  $\mu\text{S}/\text{cm}$  for water monodistillate



**E 313 wall bracket**  
For manual dispensing of aqua purificator, pressure proof to 10 bar, complete with 150 cm long pressure hose



**E 314 stand**  
For manual dispensing of aqua purificator, pressure proof to 10 bar, complete with 150 cm long pressure hose



**E 310 water demineralisation cartridge/full**  
Pressure-proof stainless steel cartridge, with vent and pressure release valve for 2.5–10 bar, containing 20 l mixed resin which can be reactivated,  $\varnothing$  240 mm, H 570 mm.  
The capacity depends on the total mineral content of the untreated water and the max. accepted conductivity.

Max. conductivity values

	5 $\mu\text{S}/\text{cm}$	10 $\mu\text{S}/\text{cm}$
5° dH	4,250 l	4,500 l
10° dH	2,125 l	2,250 l
15° dH	1,420 l	1,500 l
20° dH	1,070 l	1,125 l
25° dH	850 l	950 l
30° dH	710 l	750 l

The figures given depend on reference values.

**E 318 water demineralisation cartridge/empty**

- Pressure-proof stainless steel cartridge, with vent and pressure release valve for 2.5–10 bar, for 20 litres E 315 disposable resin,  $\varnothing$  240 mm, H 570 mm

**E 315 disposable resin 20 l**

- Vacuum packed in 2x 10 litre plastic bags, includes filtering bag for use when exchanging bags, packed in box, 20 litres mixed resin for E 318 water demineralisation cartridge

**E 316 refill set for disposable resin**

- Plastic container with lid and funnel, storage capacity 30 litres disposable resin

Accessory	G 7804	G 7882 CD	G 7883 CD	G 7835 CD	G 7836 CD	Mat. No.	Article No.
G 7895/1 AE	•	•	•	•	•	6068770	69.7895.04
LWM module C	•	•	•	•	•	5376770	69.4400.01
E 310	•	•	•	•	•	3830320	69.4310.01
E 313	•	•	•	•	•	3830330	69.4313.01
E 314	•	•	•	•	•	3830340	69.4314.01
E 315	•	•	•	•	•	3830350	69.4315.01
E 316	•	•	•	•	•	3830360	69.4316.01
E 318	•	•	•	•	•	3830380	69.4318.01

# Medical applications: Inserts for AN instruments



## U 167 lower basket for AN utensils

- For 4 soda lime containers and 9 secretion flasks, as well as various other utensils
- 20 holders 200 mm, distance between holders approx. 95 mm
- H 220, W 535, D 516 mm



## E 427 modular insert

- For 6 laryngoscopes



## E 435/3 mobile unit TA

- For approx. 2 AN sets
- 6 jets with holders for breathing tubes up to 1.5 m long
- Tubes arranged on spiral receptacle
- Holder for ML/2 magnetic strip for automatic mobile unit recognition
- H 507, W 535, D 515 mm



## E 436/3 mobile unit TA

- For approx. 3 AN sets
- 8 jets with holders for breathing tubes up to 1.5 m long
- Tubes arranged on spiral receptacle
- Holder for ML/2 magnetic strip for automatic mobile unit recognition
- H 507, W 535, D 515 mm
- 6 x E 466 jets for breathing bags, 8 x 333 mm
- 1 x E 431 injector jet for bellows, 8 x 193 mm
- 10 x E 496 injector jets, 4 x 120 mm
- 1 x A3 cover net
- Connection for hot air drying

### Included as standard on

#### E 435/3 and E 436/3:

- 1 x E 430 mesh tray
- 1 x E 432 holder for 3–4 corrugated breathing tubes
- 2 x E 433 holder for 3–4 silicone breathing tubes
- 1 x E 434 holder for 3–4 paediatric breathing tubes<sup>1)</sup>



## E 461/2 mobile unit TA

- For 12 breathing tubes up to 1.5 m long, placed on spiral receptacle
- 1 x E 432 holder for 4 breathing tubes each
- 3 x E 433 holders for 4 silicone tubes, loose
- 1 x E 434 holders for 4 paediatric breathing tubes, loose
- 1 x E 430/1 mesh tray
- 1 x A3 cover net
- Holder for ML/2 magnetic strip for automatic mobile unit recognition
- H 502, W 535, D 515 mm



## E 381 injector unit TA

- For intubation equipment
- 20 jets 4.0 x 30 mm with spring clips
- 5 jets 2.5 x 30 mm, supplied loose
- 6 x E 466 injector jets for breathing bags 8.0 x 333 mm
- 2 x E 431 injector jets for bellows 8.0 x 193 mm
- Connection for hot air drying
- Holder for ML/2 magnetic strip for automatic mobile unit recognition
- H 502, W 535, D 515 mm



## E 367 injector unit TA

- For intubation equipment
- 20 jets 2.5 x 30 mm
- 25 jets 4.0 x 30 mm (5 supplied loose)
- 40 holders for jets
- 1 x E 378 insert 1/1 mesh basket
- H 80 + 30, W 460, D 460 mm
- Connection for hot air drying
- H 502, W 535, D 515 mm

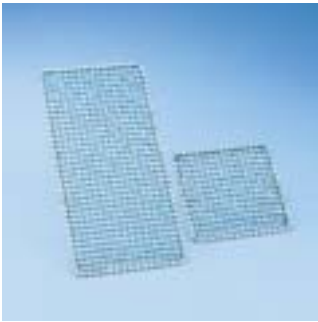


## E 368 injector unit TA for intensive care

- For narrow lumen breathing tubes, with:
- 10 jets 4.0 x 30 mm with spring clips
- 14 jets 6.0 x 220 mm with spring clips
- 2 x E 431 injector jets for bellows 8 x 193 mm
- 1 utensil container, UTS/1
- H 93, W 102, D 180 mm
- Connection for hot air drying
- Holder for ML/2 magnetic strip for automatic mobile unit recognition
- H 502, W 535, D 515 mm

Accessories	G 7882	G 7892	G 7882 CD	G 7835 CD	G 7836 CD	Mat. No.	Article No.
U 167	•	•	•	•	•	3807600	69.1167.02
E 427	•	•	•	•	•	6442120	69.5427.01
E 453/3 TA		•	•	•		6441190	69.5435.04
E 436/3 TA					•	6439240	69.5436.04
E 461/2 TA		•	•	•	•	6641180	69.5461.03
E 381 TA		•	•	•	•	3809890	69.5381.01
E 367 TA		•	•	•	•	3809710	69.5367.01
E 368 TA		•	•	•	•	3809760	69.5368.01
E 362	Blanking screw, used on all injector units					3809630	69.7362.01

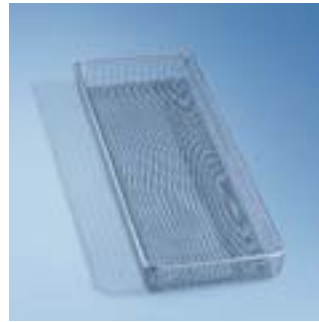
<sup>1)</sup> Installed



- A3 cover net 1/4** (ill. right)
- 206 x 206 mm
  - Plastic coated metal frame with plastic net
  - For 1/4 inserts



- UTS utensil container** (ill.)
- For small items, with lid
  - 3 sections, 115 x 100 mm
  - H 93, W 102, D 350 mm
- UTS/1 utensil container**
- As UTS, but with 2 sections, 100 x 88 mm
  - H 93, W 102, D 180 mm



- E 430/1 insert 1/3 mesh tray**
- Mesh spacing 5 mm
  - H 40, W 150, D 445 mm



- E 468 insert 1/4 mesh basket with lid and divisions**
- For various utensils
  - Stainless steel welded mesh
  - 1 mm gauge wire
  - 5 mm mesh spacing
  - H 70/76, W 250, D 170 mm

Accessory	G 7882	G 7892	G 7882 CD	G 7835 CD	G 7836 CD	Mat. No.	Article No.
A 3	•	•	•	•	•	3830470	<b>69.5003.01</b>
UTS	•	•	•	•	•	3810260	<b>69.7410.01</b>
UTS/1	•	•	•	•	•	4968490	<b>69.7410.02</b>
E 430/1	•	•	•	•	•	6643200	<b>69.7430.03</b>
E 468	•	•	•	•	•	5043640	<b>69.5468.01</b>

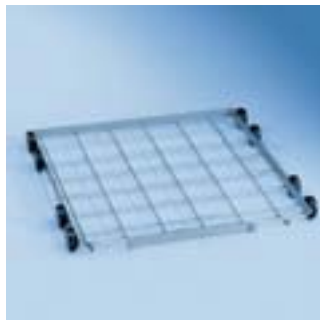
# Medical applications: Laboratory glassware, infusion flasks

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## O 190/1 upper basket/carrier

- Open front
- For various inserts
- Clearance 215 +/- 20 mm
- Integrated spray arm
- H 265, W 531, D 475 mm



## U 874/1 lower basket/carrier

- Open front
- For various inserts
- Clearance when combined with upper basket:
  - O 176 approx. 110 mm +/- 20 mm
  - O 177 approx. 220 mm + 20/+40 mm
  - O 183 approx. 185 mm +/- 20 mm
  - O 188/1 approx. 270 mm +/- 20 mm
  - O 190/1 approx. 220 mm +/- 20 mm
  - O 191 approx. 295 mm
- With holder for ML/2 magnetic strip for automatic mobile unit recognition
- H 50, W 534, D 515 mm



## E 125 insert 1/1\* (ill.)

- For 9 flasks 2,000 ml
- 9 sections, each section (flask) 125 x 125 mm
- Flask neck 55 x 55 mm
- H 225, W 460, D 460 mm

## E 124 insert 1/1\*

- For 16 flasks 1,000 ml
- 16 sections, each section (flask) 100 x 100 mm
- Flask neck 48 x 48 mm
- H 148, W 460, D 460 mm

## E 129 insert 1/1

- For 20 flasks 500 ml
- 20 sections, each section (flask) 84 x 84 mm
- Flask neck 46 x 46 mm
- H 113, W 445, D 445 mm



## E 128 insert 1/1

- For 24 flasks 250 ml
- 24 sections, each section (flask) 71 x 71 mm
- Flask neck 46 x 46 mm
- H 103, W 445, D 445 mm

## E 127 insert 1/1

- For 44 flasks 100 ml
- 44 sections, each section (flask) 57 x 57 mm
- Flask neck 46 x 46 mm
- H 102, W 445, D 445 mm

## E 126 insert 1/1 (ill.)

- For 48 flasks 50 ml
- 48 sections, each section (flask) 45 x 45 mm
- Flask neck 28 x 28 mm
- H 83, W 445, D 445 mm

## Description

- These baskets and inserts are only suitable for the simple cleaning of infusion flasks.
- They do not clean items internally, nor are items cleaned in accordance with GMP standards.

\* Cannot be used in upper basket

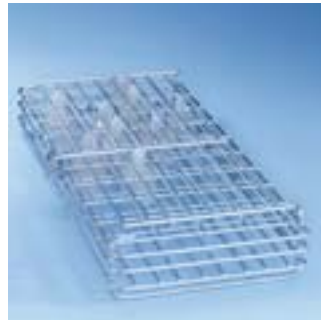
Insert	G 7804	G 7882	G 7892	G 7882 CD	G 7835 CD	G 7836 CD	Mat. No.	Article No.
O 190/1	•	•	•	•	•	•	4976440	69.1190.01
U 874/1	•	•	•	•	•	•	6442940	69.1874.03
E 125	•	•	•	•	•	•	3808510	69.5125.01
E 124	•	•	•	•	•	•	3808500	69.5124.01
E 129	•	•	•	•	•	•	3808550	69.5129.01
E 128	•	•	•	•	•	•	3808540	69.5128.01
E 127	•	•	•	•	•	•	3808530	69.5127.01
E 126	•	•	•	•	•	•	3808520	69.5126.01

# Medical applications: Baby bottles



### E 135 insert 1/2 container

- Container for 19 x 250 ml baby bottles, bottle size 56 x 56 mm, neck 49 x 49 mm
- H 194, W 192, D 447 mm incl. lid
- For use in upper and lower baskets



### E 364 insert 1/2 container

- Container for 36 wide neck teats
- 36 sections 41 x 41 mm
- Hinged, lockable lid
- H 77, W 215, D 445 mm



### E 458 insert 1/2 container

- Container for 36 screw-on teats
- 36 sections 29 x 29 mm
- Hinged, lockable lid
- H 63, W 215, D 445 mm



### AK 12 insert, 1/2 basket version

- For breast pumps
- For various inserts
- H 67/127, W 225, D 442 mm

### E 135/1 insert 1/2

- Container for 19 x 110 ml baby bottles, bottle size 51 x 51 mm, neck 45 x 45 mm
- H 135, W 192, D 447 mm
- For use in upper and lower baskets

### E 135/2 insert 1/2

- For 19 x 90 ml baby bottles, bottle size 51 x 51 mm, neck 42 x 42 mm
- H 125, W 192, D 447 mm
- For use in upper and lower baskets

### E 135/3 insert 1/2

- For 19 x 120 ml baby bottles, bottle size 56 x 56 mm, neck 49 x 49 mm
- H 135, W 192, D 447 mm
- For use in upper and lower baskets

Insert	G 7882	G 7892	G 7882 CD	G 7835 CD	G 7836 CD	Mat. No.	Article No.
E 135	•	•	•	•	•	3808630	69.5135.01
E 135/1	•	•	•	•	•	3808640	69.5135.02
E 135/2	•	•	•	•	•	3808650	69.5135.03
E 135/3	•	•	•	•	•	3808670	69.5135.04
E 364	•	•	•	•	•	3809640	69.5364.01
E 458	•	•	•	•	•	4235200	69.5458.01
AK 12	•	•	•	•	•	3830510	69.5012.01

# Medical applications: Upper baskets/injector, lower basket

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### O 188/1 upper basket/carrier

- Open front
- For various inserts
- Clearance 165 +/- 20 mm
- Integrated spray arm
- H 215, W 531, D 475 mm



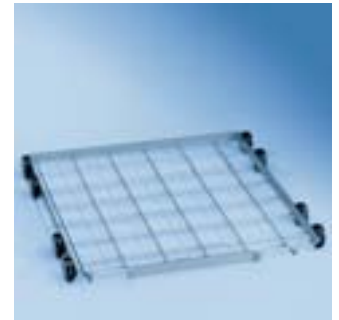
### O 190/1 upper basket/carrier

- Open front
- For various inserts
- Clearance 215 +/- 20 mm
- Integrated spray arm
- H 265, W 531, D 475 mm
- Powder dispensing only possible when O 190/1 is in the highest position



### O 191/1 upper basket/carrier

- Open front
- For mesh trays
- Clearance 115 +/- f20 mm
- Load width 475 mm
- Load depth 450 mm
- Integrated spray arm above the basket
- H 180 +/- 20, W 531, D 475 mm



### U 874/1 lower basket/carrier

- Open front
- For various inserts and trays, e.g. E 142
- Clearance when combined with upper basket:
  - 176 approx. 110 mm +/- 20 mm
  - 177 approx. 220 mm + 20/-40 mm
  - 183 approx. 185 mm +/- 20 mm
  - 188/1 approx. 270 mm +/- 20 mm
  - 190/1 approx. 220 mm +/- 20 mm
  - 191 approx. 295 mm
- With holder for ML/2 magnetic strip for automatic mobile unit recognition
- H 50, W 534, D 515 mm



### O 177/1 upper basket/injector

- Integrated spray arm
- Right side free for inserts
- Left side with 26 silicone holders: 26 jets Ø 4mm, L 30 mm
- 7 funnels supplied loose, with height-adjustable support frame
- Clearance 230/205 mm
- Height adjustable – 20–40 mm
- H 263, W 498, D 455 mm



### O 176 upper basket/injector TA

- For MIS, arthroscopic and urology instruments
- Left side free for inserts
- Clearance 360 mm, 10 injector jets
- Right side for hollow instruments max. length 500 +/- 30 mm
- 14 injector jets/funnels
- Connection for hot air drying
- Cannot be used with powder agents



### O 183 upper basket/injector

- For MIS, arthroscopic and urology instruments
- Left side free for inserts
- Clearance 285 mm +/- 20 mm, 10 injector jets
- Right side for hollow instruments max. length 370 +/- 30 mm
- 14 injector jets/funnels
- Cannot be used with powder agents

### U 874/2

- Open front
- For standard DIN trays (e.g. Aesculap), and Miele half inserts
- Clearance in combination with an upper basket:
  - 176 approx. 110 mm +/- 20 mm
  - 177 approx. 220 mm + 20/-40 mm
  - 183 approx. 185 mm +/- 20 mm
  - 188/1 approx. 270 mm +/- 20 mm
  - 190/1 approx. 220 mm +/- 20 mm
  - 191 approx. 295 mm
- H 50, W 534, D 515 mm

Insert	G 7882	G 7892	G 7882 CD	G 7835 CD	G 7836 CD	Mat. No.	Article No.
O 188/1	•	•	•	•	•	4009490	69.1188.01
O 190/1	•	•	•	•	•	4976440	69.1190.01
O 191/1	•	•	•	•	•	5043670	69.1191.01
U 874/1	•	•	•	•	•	6442940	69.1874.03
O 177/1	•	•	•	•	•	5913050	69.1177.02
O 176 TA	•	•	•	•	•	3807420	69.1176.01
O 183	•	•	•	•	•	3807470	69.1183.01
U 874/2	•	•	•	•	•	6756110	69.1874.04

# Medical applications: Mobile units for trays, Inserts for GYN and ENT instruments



### E 327 mobile unit

- For 4 DIN mesh trays on 2 levels
- Integrated spray arm
- Clearance from below:  
Level 1: H 112, W 520, D 510 mm  
Level 2: H 105, W 512, D 480 mm
- With holder for ML/2 magnetic strip for automatic mobile unit recognition



### E 439/2 mobile unit

- For 7 DIN mesh trays on 3 or 4 levels
- 2 integrated spray arms
- 2 levels removable from below
- Clearance from below:  
Level 1: H 70, W 488, D 499 mm (without Level 2: H 155 mm)  
Level 2: H 70, W 509, D 510 mm  
Level 3: H 90, W 520, D 470 mm  
Level 4: H 90, W 490, D 460 mm
- With holder for ML/2 magnetic strip for automatic mobile unit recognition



### E 416 insert 1/2

- For 6 one- or two-part specula
- 7 holders, distance between holders 40 mm
- For use in upper and lower baskets
- H 157, W 178, D 279 mm



### E 417 insert 2/5

- For approx. 30 ear and nasal specula
- 280 sections approx. 13 x 13 mm
- 1.7 mm mesh spacing on the base
- For use in upper and lower baskets
- H 63, W 173, D 445 mm



### E 803 insert 2/5

- For ear and nasal specula
- 160 sections approx. 13 x 13 mm
- 1.7 mm mesh spacing on the base
- For use in upper and lower baskets
- H 63, W 165, D 317 mm



### E 374 insert 2/5

- For ENT instruments such as inhalation connections etc
- 24 sections approx. 45 x 45 mm
- 27 sections approx. 12 x 12 mm
- 1.7 mm mesh spacing on the base
- For use in upper and lower baskets
- H 63, W 173, D 445 mm

Insert	G 7882	G 7892	G 7882 CD	G 7835 CD	G 7836 CD	Mat. No.	Article No.
E 327	•	•	•	•	•	3809320	69.5327.01
E 439/2					•	6736130	69.5439.04
E 416	•	•	•	•	•	3888650	69.5416.01
E 417	•	•	•	•	•	3888660	69.5417.01
E 803						4637750	69.5803.01
E 374	•	•	•	•	•	3809800	69.5374.01

# Medical applications: Inserts for trays, tray bases, mesh trays and kidney dishes

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### E 338 insert 3/5

- For 8 trays/half trays
- 10 holders (8 sections), W 295, D 33 mm
- Max. tray size 290 x 30 mm
- For use in upper and lower basket
- H 115, W 305, D 453 mm



### E 339 insert 3/5

- For 16 tray bases/trays
- 17 holders (116 sections), W 295, D 21.5 mm
- Max. Tray size 290 x 20 mm
- For lower basket
- H 115, W 305, D 468 mm



### E 805 insert

- For 8 trays/half trays
- 10 holders (8 sections), W 295, D 33 mm
- Max. tray size 290 x 30 mm
- For lower basket
- H 114, W 305, D 353 mm



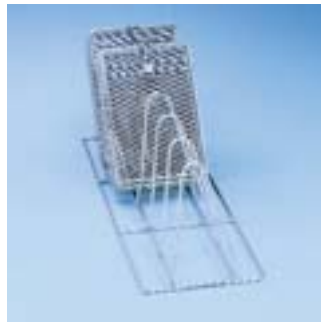
### E 806 insert

- For 11 trays/half trays
- 12 holders (11 sections), W 295, D 21.5 mm
- Max. tray size 290 x 20 mm
- For lower basket
- H 114, W 305, D 315 mm



### E 130 insert 1/2

- For 10 trays
- 11 holders, H 170 mm, distance between holders 35 mm
- For lower basket
- H 180, W 180, D 445 mm



### E 131/1 insert 1/2

- For 5 mesh trays/kidney dishes
- 6 holders, H 160 mm, distance between holders 80 mm
- For lower basket
- H 168, W 180, D 480 mm



### E 800 insert

- For 3 mesh trays/kidney dishes
- 4 holders, H 165 mm, distance between holders approx. 68 mm
- For use in upper and lower baskets
- H 165, W 140, D 290 mm



### E 492 insert 1/2

- For 9 kidney dishes
- 9 holders, H 86 mm, distance between holders 49 mm
- For lower basket
- H 120, W 256, D 474 mm

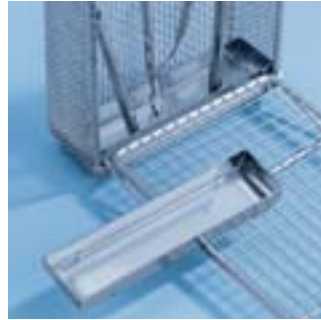
Insert	G 7882	G 7892	G 7882 CD	G 7835 CD	G 7836 CD	Mat. No.	Article No.
E 338	•	•	•	•		3080600	69.5338.01
E 339	•	•	•	•	•	3149760	69.5339.01
E 805	•	•	•	•	•	4637770	69.5805.01
E 806	•	•	•	•	•	4969820	69.5806.02
E 130	•	•	•	•	•	2648950	69.5130.01
E 131/1	•	•	•	•	•	5771030	69.5131.02
E 800	•	•	•	•	•	4637720	69.5800.01
E 492	•	•	•	•	•	5771140	69.5492.01

# Medical applications: Mesh trays/baskets



### E 146 insert 1/6 (ill.)

- 3 mm mesh spacing on base
- 1.7 mm mesh spacing on sides
- 8 mm mesh spacing on lid
- 2 hinged handles
- For use in upper and lower baskets
- H 55, W 150, D 225 mm



### E 328 support

- For E 146/E 363



### E 373 insert 1/6

- For ENT instruments (e.g. ear specula)
- Wire mesh with following mesh spacing: base mm, sides 1.7 mm, lid 3 mm
- 28 upright supports
- 2 hinged handles
- For use in upper and lower baskets
- H 55, W 150, D 225 mm



### E 441/1 Einsatz 1/4

- For micro instruments
- 1.7 mm mesh spacing on base
- 1.7 mm
- Solid sides, stackable
- Internal divisions with 6 adjustable supports provide ideal storage for instruments
- For use in upper and lower baskets
- H 60, W 183, D 284 mm

### E 363 insert 1/6

- 1 mm mesh spacing, with lid
- For use in upper and lower baskets
- H 55, W 150, D 225 mm



### E 337 insert 2/5

- For upright instruments
- 18 sections, approx. 47 x 51 mm
- 75 sections approx. 14 x 14 mm
- 1 full length tray in centre of insert
- For use in upper basket O 190 or lower baskets
- H 145, W 175, D 445 mm



### E 802 insert

- For upright instruments
- 4 sections approx. 47 x 51 mm
- 4 sections approx. 47 x 40 mm
- 2 sections approx. 42 x 51 mm
- 2 sections approx. 42 x 40 mm
- 48 sections 14 x 14 mm
- 1 full length tray in centre of insert
- For use in upper or lower basket
- H 133, W 163, D 295 mm



### E 473/1 insert/mesh tray with lid

- Tray with lid for very small items
- Hangs inside mesh tray
- H 85, W 60, D 60 mm



### E 451 insert 1/6

- Mesh tray with lid for very small items
- Gauge of wire mesh: 1 mm base, 0.8 mm sides, 1 mm lid, with the following mesh spacing 3 mm base, 1.7 mm sides, 8 mm lid
- Internal spacers removable
- H 55, W 150, D 225 mm

Insert	G 7882	G 7892	G 7882 CD	G 7835 CD	G 7836 CD	Mat. No.	Article No.
E 146	•	•	•	•	•	3346680	69.5146.01
E 363	•	•	•	•	•	3149790	69.5363.01
E 328	•	•	•	•	•	2795940	69.7328.01
E 373	•	•	•	•	•	3809790	69.5373.01
E 441/1	•	•	•	•	•	5988240	69.5441.02
E 337	•	•	•	•	•	3080720	69.5337.01
E 802	•	•	•	•	•	4637740	69.5802.01
E 473/1	•	•	•	•	•	5341570	69.5473.02
E 451	•	•	•	•	•	4203910	69.5451.01

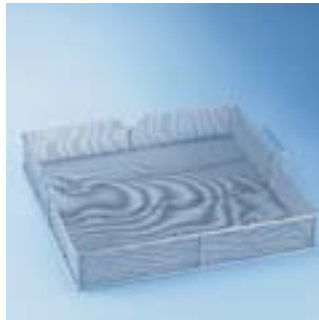
# Medical applications: Mesh trays, Insert E 484 with holders

14



### E 379 insert 1/2

- For a range of different utensils
- 0.8 mm gauge wire
- 1.7 mm mesh spacing
- 5 mm frame all round
- 2 carrying handles
- For use in upper or lower baskets
- H 80/110, W 180, D 445 mm



### E 378 insert 1/1

- For a range of different utensils
- 0.8 mm gauge wire
- 1.7 mm mesh spacing
- 5 mm frame all round
- 2 carrying handles
- For use in lower basket
- H 80/110, W 460, D 460 mm



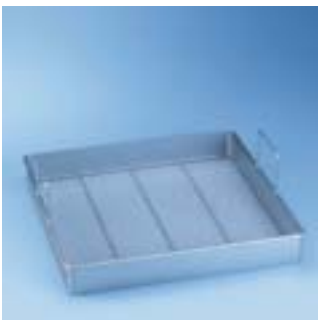
### E 143 Einsatz 1/4

- Mesh tray
- 1 mm gauge wire
- 5 mm mesh spacing
- 5 mm frame all round
- 2 hinged handles
- Max. load 5 kg
- For use in upper and lower baskets
- H 45/55, W 255, D 230 mm



### E 142 insert 1/2

- For DIN mesh trays
- 1 mm gauge wire
- 5 mm mesh spacing
- 5 mm frame all round
- 2 hinged handles
- Max. load 10 kg
- For upper basket O 191/1
- H 45/55, W 255, D 480 mm



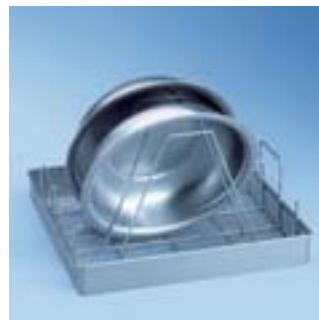
### E 484 Einsatz 1/1

- For various utensils
- 1.4 mm gauge wire
- 8 mm mesh spacing
- To take the following holders:
  - 9 x E 485 for 27 kidney dishes, or
  - 4 x E 486 for 5 bowls, or
  - 4 x E 487 for 16 theatre shoes, or
  - 3 x E 488 for 9 breathing masks, or
  - 9 x E 489 universal holders, e.g. for insoles
- H 65 (150), W 470, D 480 mm



### Loading example:

- E 484 insert 1/1 with 9 holders E 485 for 27 kidney dishes



### Loading example:

- E 484 insert 1/1 with 4 holders E 486 for 5 bowls



### Loading example:

- E 484 insert 1/2 mit 6 holders E 488 for 3 breathing masks

Insert	G 7882	G 7892	G 7882 CD	G 7835 CD	G 7836 CD	Mat. No.	Article No.
E 379	•	•	•	•	•	3203500	69.5379.01
E 378	•	•	•	•	•	3203530	69.5378.01
E 143	•	•	•	•	•	3830310	69.5143.01
E 142	•	•	•	•	•	3830300	69.5142.01
E 484	•	•	•	•	•	5109190	69.5484.01
E 485	Holder for 3 kidney dishes					5109210	69.5485.01
E 486	Holder for bowls					5109230	69.5486.01
E 487	Holder for 4 theatre shoes					5109250	69.5487.01
E 488	Holder for 3 breathing masks					5109260	69.5488.01
E 489	Universal holder for e.g. insoles					5337120	69.5489.01

# Medical applications: Inserts for MIS instruments



### E 474/4 mobile injector unit TA

- Basic unit for modular inserts
- Modular system holding up to 2 sets of MIS instruments
- With integrated jets/adapters for processing hollow instruments in 3 modular inserts
- Connection for hot-air drying unit
- Can be fitted with
  - E 903 modular insert for MIS/urology instruments
  - E 905 modular insert for short MIS instruments
  - E 906 modular insert for long MIS instruments
  - E 444 insert/spiral rack for fibre optics and irrigation tubes
  - E 460 insert for rigid fibre optics
  - E 457 insert for separable MIS instruments
  - E 142 DIN mesh tray
- With holder for ML/2 magnetic strip for automatic mobile unit recognition
- H 507, W 535, D 515 mm

### Supplied as standard with:

- 2 x E 362 blanking screws
- 3 x E 447 female adapters



### E 905 modular insert

- For short MIS instruments
- Sectioned for arthroscopes, laparoscopes etc.
- H 40, W 461, D 510 mm

### Supplied as standard

- 1 x E 336 injector sleeve MIBO for pipettes/MIS instruments
- 2 x E 362 blanking screws
- 1 x E 442 injector sleeve for MIS instruments Ø 4–8 mm
- 2 x E 447 female adapters for male Luer locks
- 4 x E 448 silicone tubes, 300 mm long, 5 x 1.5 mm
- 2 x E 449 male adapters for female Luer locks
- 4 x E 452 jets 2.5 x 60 mm
- 3 x E 453 jets 4.0 x 110 mm with clamps
- 3 x E 454 jets for trocar sleeves 10–15 mm
- 1 x E 464 holder for E 454 jets
- 1 x E 472 clamp for jets Ø 4.0 mm
- 1 x E 907 insert/mesh tray with lid for small instruments



### E 903 modular insert

- For TUR sets (transurethral resection)
- H 40, W 461, D 510 mm

### Supplied as standard with:

- 3 x E 442 injector sleeves 121 for MIS instruments Ø 4–8 mm
- 1 x E 444 insert/spiral rack for fibre optic cables and irrigation tubes
- 1 x E 447 female adapter for male Luer lock
- 4 x E 448 silicone tubes 300 mm long, 5 x 1.5 mm
- 3 x E 453 jets 4.0 x 110 mm with clamps
- 1 x E 454 jet for trocar sleeves 10–15 mm
- 3 x E 467 injector sleeves 205 mm for MIS instruments/forceps
- 3 x E 469 injector sleeves 300 mm for MIS instruments/urology
- 1 x E 907 insert/mesh tray with lid for small instruments
- 2 m silicone tube Ø 5 mm
- 2 plastic supports for fitting in E 474/1, E 902/1



### E 906 modular insert

- For long-shafted MIS instruments
- Sectioned for arthroscopes, laparoscopes etc
- H 40, W 461, D 510 mm

### Supplied as standard with:

- 1 x E 336 injector sleeve MIBO for pipettes/MIS instruments
- 2 x E 362 blanking screws
- 5 x E 442 injector sleeves for MIS instruments Ø 4–8 mm
- 3 x E 443 injector sleeves for MIS instruments Ø 8–12 mm
- 2 x E 448 silicone tubes 300 mm long, 5 x 1.5 mm
- 1 x E 454 jet for trocar sleeves 10–1.5 mm
- 2 x E 456 spring clips for MIS instruments
- 1 x E 464 holder for E 454 jet
- 1 x E 908 insert for separable MIS instruments

Insert	G 7882	G 7892	G 7882 CD	G 7835 CD	G 7836 CD	Mat. No.	Article No.
E 474/4 TA					•	6439160	69.5474.05
E 905					•	4809080	69.5905.01
E 903					•	5563580	69.5903.01
E 906					•	4809090	69.5906.01

# Medical applications: Accessories for MIS

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- E 907 insert/mesh tray**
- Mesh tray with lid for very small items
  - 3 x 1 mm
  - Hooks to slot into E 905
  - H 46, W 87, D 210 mm



- E 908/1 insert**
- For separable MIS instruments
  - 8 x 1 mm mesh, solid sides
  - Internal dividers with 4 supports for 8–12 separable MIS instruments
  - Hooks to slot into E 906
  - H 36, W 130, D 460 mm



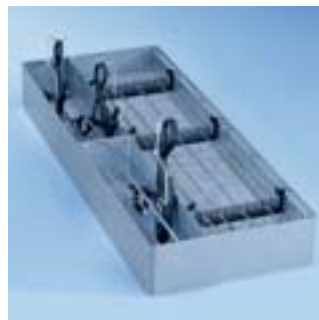
- E 142 insert 1/2**
- DIN mesh tray
  - 1 mm gauge wire
  - 5 mm mesh spacing
  - 5 mm frame all round
  - 2 hinged handles
  - Max. load 10 kg
  - H 45/55, W 255, D 480 mm



- E 473/1 insert/tray with lid**
- Tray with lid for very small items
  - Hangs inside mesh tray
  - H 85, W 60, D 60 mm



- E 444 insert/central spiral rack**
- For fibre optics and irrigation tubes arranged on spiral rack
  - H 168 mm, with folding clip
  - Ø 140 mm



- E 457 Einsatz 1/2**
- For separable MIS instruments (e.g. 12 handles and inner shafts)
  - 3 mm mesh spacing on the base, solid sides
  - Welded holder for 8-12 handles, internal divider can be repositioned with 3 supports for 8-12 separable MIS instruments
  - H 62, W 192, D 490 mm



- E 460 Einsatz 1/4**
- For rigid fibre optics of varying length
  - Mesh spacing
  - Base 8 x 1 mm
  - Sides/lid 7 x 7 x 3 mm
  - With 3 holders for 2 rigid fibre optics of varying length
  - H 53, W 100, D 430 mm

Insert/Accessory	G 7882	G 7892	G 7882 CD	G 7835 CD	G 7836 CD	Mat. No.	Article No.
E 907					•	4809100	69.5907.01
E 908/1					•	5704010	69.5908.02
E 142	•	•	•	•	•	3830300	69.5142.01
E 473/1						5341570	69.5473.02
E 444			•	•	•	4637700	69.5444.01
E 457			•	•	•	4618030	69.5457.02
E 460			•	•	•	4861390	69.5460.01

# Medical applications: Insert for MIS instruments



## E 450/1 Injektorwagen TA

- For MIS instruments, max. length 550 mm
- E 451 mesh tray for small items
- 2 levels
- Connection for hot-air drying unit
- Can be fitted with:
  - E 451 mesh tray for small items
  - E 457 insert for separable MIS instruments
  - E 460 insert for rigid fibre optics
  - E 473 mesh tray for very small items
  - E 444 insert/spiral rack for fibre optics and irrigation tubes
- With holder for ML/2 magnetic strip for automatic mobile unit recognition
- Clearance from below:
  - Level 1 = H 110, W 480, D 500 mm (for inserts e.g. 2 x E 457)
  - Level 2 = H 360, W 350, D 200 mm
- H 502, W 535, D 515 mm

## Supplied as standard:

- 3 x E 336 injector sleeves MIBO, 121 mm for pipettes/MIS instruments
- 2 x E 362 blanking screws
- 15 x E 442 injector sleeves 121 mm, for MIS instruments Ø 4–8 mm
- 5 x E 443 injector sleeves, 121 mm, for MIS instruments Ø 8–12 mm
- 1 x E 445 12 caps: 6 mm for injector sleeves
- 1 x E 446 12 caps: 10 mm for injector sleeves
- 3 x E 447 female adapters for male Luer locks
- 6 x E 448 silicone tubes, 300 mm long, 5 x 1.5 mm
- 5 x E 449 male adapters for female Luer locks
- 1 x E 451 insert 1/6 mesh tray with lid
- 3 x E 452 injector jets, 2.5 x 60 mm
- 8 x E 453 injector jets, 4.0 x 110 mm with holding clips
- 6 x E 454 injector jets for trocar sleeves 10–15 mm
- 4 x E 456 spring clips for MIS instruments such as scissors, clamps, etc
- 3 x E 464 holders for E 454 injector jets
- 2 x E 472 spring clips for injector jets 4.0 mm

## E 362 blanking screw

- 8 x 1 mm thread for blanking off connections to injector units

Insert/Accessory	G 7882	G 7892	G 7882 CD	G 7835 CD	G 7836 CD	Mat. No.	Article No.	
E 450/1 TA	•	•	•	•		6059490	69.5450.03	
E 362	suitable for use with all mobile units						3809630	69.7362.01

# Medical applications: Mobile injector unit and Inserts for micro instruments (eye surgery)



**Right side:** 16 male Luer lock adapters with hose fitted horizontally  
 • With holder for ML/2 magnetic strip for automatic mobile unit recognition

**Supplied as standard:**  
 • 1 bag of E 476 (50 pieces)  
 • 1 bag of E 477 (20 pieces)  
 • 8 x E 790 Luer-Lock adapters female/female  
 • 8 x E 791 Luer-Lock adapters female/male

**E 440/2 Mobile injector unit**

- For processing MIS instruments (eye surgery)
- For 4 OP sets
- Integrated spray arm
- 3 levels
- Levels 1 and 2 for inserts (e.g. E 441/1)
- Level 3:  
**Left side:** 20 connections for hollow instruments (10 male Luer lock adapters, 10 female Luer lock adapters), connection for E 478 on intake pipe

**Luer lock adapter options:**

- Pack of 4 E 790 female/female
- Pack of 4 E 791 female/male



**Right side:** 16 male Luer lock adapter with hose fitted horizontally  
 • With holder for ML/2 magnetic strip for automatic mobile unit recognition

**Supplied as standard:**  
 • 1 bag of E 476 (50 pieces)  
 • 1 bag of E 477 (20 pieces)  
 • 8 x E 790 Luer-Lock adapters female/female  
 • 8 x E 791 Luer-Lock adapters female/male

**E 429 Injector unit**

- For processing MIS instruments (eye surgery)
- For 2-4 OP-Sets
- Integrated spray arm
- 2 levels
- Level 1: For inserts (e.g. E 441/1)
- Level 2:  
**Left side:** 20 connections for hollow instruments (10 male Luer lock adapters, 10 female Luer lock adapters) Connection for E 478 on intake pipe

**Note:**

The E 429 requires a second water connection at the bottom. The lower spray arm needs to be removed.



**E 441/1 insert 1/4**

- For micro instruments
- 1.7 mm mesh spacing on the base
- Solid sides, stackable
- Internal divisions with 6 adjustable supports provide ideal storage for instruments
- H 60, W 183, D 284 mm



**E 478 holder**

- For 4 narrow lumen cannulae

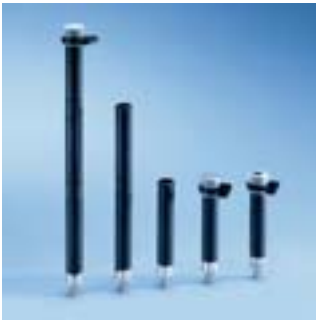


**FP**

- Filter plate for E 478
- Porosity 2
- Diameter 30 mm
- 20 pieces per bag

Insert	G 7882	G 7892	G 7882 CD	G 7835 CD	G 7836 CD	Mat. No.	Article No.
E 440/2					•	6439150	<b>69.5440.03</b>
E 790 adapters LLw / LLw (4 pieces)						6390710	<b>69.7790.01</b>
E 791 adapters LLw / Lm (4 pieces)						6390720	<b>69.7791.01</b>
E 441/1	•	•	•	•		5988240	<b>69.5441.02</b>
E 478	•	•	•	•		6044850	<b>69.7478.01</b>
FP (20 pieces)						6059480	<b>69.7512.01</b>
E 429		•	•	•		6565650	<b>69.5429.01</b>

# Medical applications: Accessories for MIS/micro instruments



### E 469 sleeve

- For MIS instruments/urology
- Length 300 mm, Ø 11 mm
- Cap, opening Ø 6 mm (Mat. No. 4174960)
- Clip (Mat. No. 4174850)

### E 467 sleeve

- For MIS instruments/clip forceps
- Length 205 mm, Ø 11 mm

### E 336 sleeve MIBO

Length 121 mm, Ø 11 mm

### E 445 caps

- 12 caps for sleeve
- Opening 6 mm

### E 442 sleeve

- For MIS instruments 4–8 mm Ø, screw fitting
- Length 121 mm, Ø 11 mm
- Cap, opening Ø 6 mm (Mat. No. 4174960)
- Clip (Mat. No. 4174850)

### E 446 caps

- 12 caps for sleeve
- Opening 10 mm

### E 443 sleeve

- For MIS instruments 8–8.5 mm Ø
- Length 121 mm, Ø 11 mm
- Cap, opening Ø 10 mm (Mat. No. 4174970)
- Clip (Mat. No. 4174850)



### E 456 clip

- For MIS instruments

### E 475 support

- For MIS insert
- To stabilise the sleeves (Mat. No. 4692430)



### E 142 insert 1/2

- DIN mesh tray
- 1 mm gauge wire
- 5 mm mesh spacing
- 5 mm frame all round
- 2 hinged handles
- Max. load 10 kg
- H 45/55, W 255, D 480 mm



### E 476 holders

- For use in mesh trays with 5 mm mesh spacing (e.g. E 142)
- 50 items per pack
- To take instruments 4–8 mm Ø



### E 479 holders

- For use in mesh trays with 5 mm mesh spacing (e.g. E 142)
- 50 items per pack
- To take instruments up to 4 mm Ø



### E 477 stoppers

- For use in mesh trays with 5 mm mesh spacing (e.g. E 142)
- 20 items per pack

Accessory	G 7882	G 7892	G 7882 CD	G 7835 CD	G 7836 CD	Mat. No.	Article No.
E 336	•	•	•	•	•	3809390	69.7336.01
E 442	•	•	•	•	•	4203830	69.7442.01
E 443	•	•	•	•	•	4203840	69.7443.01
E 467	•	•	•	•	•	5039640	69.5467.01
E 469	•	•	•	•	•	5563950	69.5469.01
E 445	•	•	•	•	•	4203850	69.7445.01
E 446	•	•	•	•	•	4203860	69.7446.01
E 456	•	•	•	•	•	4203960	69.7456.01
E 475	•	•	•	•	•	5226040	69.7475.01
E 142	•	•	•	•	•	3830300	69.5142.01
E 476	•	•	•	•	•	5692400	69.7476.01
E 479	•	•	•	•	•	6553750	69.7479.01
E 477	•	•	•	•	•	5692390	69.7477.01

# Medical applications: Accessories for MIS/micro instruments

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#### E 447 female adapter

- For male Luer lock,  
For use with E 450/1, O 176,  
O 183

#### E 449 male adapter, without support\*

- For female Luer lock, screw fitting  
For use with E 450/1, O 176,  
O 183

#### E 452 injector jet

- Length 60 mm, Ø 2.5 mm,  
screw fitting  
for use with mobile injector unit

#### E 453 injector jet

- With holding clips
- Length 110 mm, Ø 4 mm,  
screw fitting  
for mobile injector unit

#### E 448 silicone tube

- Luer lock adapter, male
- Length 300 mm, Ø 5 mm
- Jet with 8 x 1 mm thread

\* The adapter with support is available from the Spare Parts Dept. under Mat. No. 4224230.



#### E 464 holder

- For injector jet E 454 13 x 65 mm
- Height-adjustable spring  
(Mat. No. 4692440)

#### E 454 injector jet

- For trocar sleeves 10–15 mm Ø,  
8 x 150 mm
- Height-adjustable spring  
(Mat. No. 4692430)



#### E 471 spring clip

- For injector jet Ø 2.5 mm for  
E 452

#### E 472 spring clip

- For injector jet Ø 4.0 mm, for  
E 351, E 453

Accessory	G 7882	G 7892	G 7882 CD	G 7835 CD	G 7836 CD	Mat. No.	Article No.
E 447		•	•	•	•	4203870	69.7447.01
E 449		•	•	•	•	4203890	69.7449.01
E 452	•	•	•	•	•	4203920	69.7452.01
E 453	•	•	•	•	•	4203930	69.7453.01
E 448		•	•	•	•	4203880	69.7448.01
E 464		•	•	•	•	4837600	69.7464.01
E 454		•	•	•	•	4203940	69.7454.01
E 471		•	•	•	•	4451930	69.7471.01
E 472		•	•	•	•	4451960	69.7472.01

# Medical applications: Baskets and inserts for theatre shoes



### O 167 upper basket

- For up to 28 theatre shoe insoles
- Built-in spray arm
- H 195, W 531, D 475 mm



### O 173 upper basket

- For 8 theatre shoes up to size 41
- Built-in spray arm
- H 195, W 531, D 475 mm



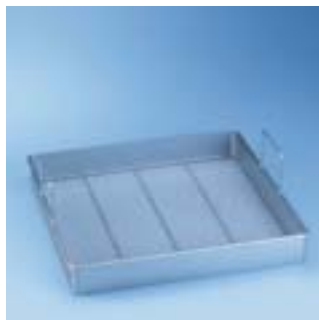
### U 168/1 lower basket

- For 20 theatre shoes up to size 45
- 20 holders 295 mm
- With holder for ML/2 magnetic strip for automatic mobile unit recognition
- H 315, W 535, D 515 mm



### U 874/1 lower basket/carrier

- Open front
- For various inserts
- Clearance when combined with upper basket:
  - 176 ca. 110 mm +/- 20 mm
  - 177 ca. 220 mm + 20/+ 40 mm
  - 183 ca. 185 mm +/- 20 mm
  - 188/1 ca. 270 mm +/- 20 mm
  - 190/1 ca. 220 mm +/- 20 mm
  - 191 ca. 295 mm
- With holder for ML/2 magnetic strip for automatic mobile unit recognition
- H 50, W 534, D 515 mm



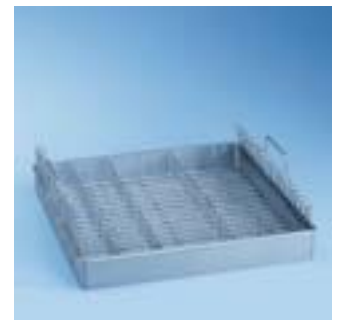
### E 484 insert 1/1

- For various items
- 1.4 mm gauge wire, 8 mm mesh spacing
- Can be fitted with
  - 9 x E 485 for 27 kidney dishes, or
  - 4 x E 486 for 5 bowls, or
  - 4 x E 487 for 16 theatre shoes, or
  - 4 x E 488 for 8 breathing masks, or
  - 19 x E 489 universal holders for e.g. insoles
- H 65 (150), W 470, D 480 mm



### E 484 with E 487 holders

- With 4 x E 487 holders, each taking 4 theatre shoes
- E 487 dimensions  
H 280, W 464, D 10 mm



### E 484 with E 489 holders

- With 19 x E 489 universal holders for e.g. insoles
- E 489 dimensions  
H 60, W 464, D 10 mm

Insert	G 7882	G 7892	G 7882 CD	G 7835 CD	G 7836 CD	Mat. No.	Article No.
O 167	•	•	•	•	•	3807350	69.1167.01
O 173	•	•	•	•	•	3807390	69.1173.01
U 168/1	•	•	•	•	•	5878590	69.1168.03
U 874/1	•	•	•	•	•	6442940	69.1874.03
E 484	•	•	•	•	•	5109190	69.5484.01
E 487	Holder for 4 theatre shoes					5109250	69.5487.01
E 489	Universal holder for e.g. insoles					5337120	69.5489.01



# Laboratory applications: Upper and lower baskets



### O 188/1 upper basket/carrier

- Open front
- For various inserts
- Clearance 165 mm
- Height adjustable +/- 20 mm
- Integrated spray arm
- H 215, W 531, D 475 mm



### O 190/1 upper basket/carrier

- As O 188
- Clearance 215 mm
- H 265, W 531, D 475 mm



### O 175 upper injector basket TA

- For narrow-necked laboratory glassware
- Clearance 170 mm\*
- Connection for hot air drying
- H 250 (412 with TA), W 531, D 475 mm,
- Not suitable for powder agents



### O 187 upper injector basket

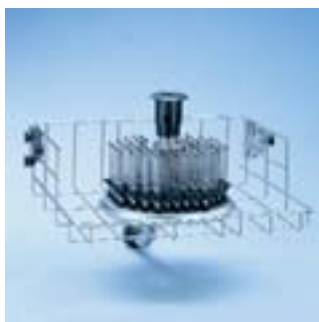
- For narrow-necked laboratory glassware
- Clearance 170 mm\*
- H 250, W 531, D 475 mm,
- Not suitable for powder agents

\* The max. clearance might be less, depending on the type of laboratory glass being processed.

### Supplied as standard:

- 33 x E 351 injectors
- 4 x 160 mm and 33 x E 353 retaining clips 4 x 160 mm

\* The max. clearance might be less, depending on the type of laboratory glass being processed.

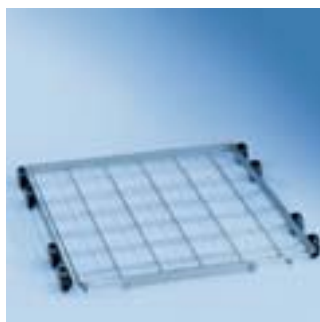


### O 184 upper injector basket TA

- For centrifuge tubes, vials, test tubes for fraction collectors or autosampler tubes
- Clearance 170 mm
- Connection for hot air drying
- H 260 (468 with TA), W 531, T 475 mm
- Not suitable for powder agents

### Supplied as standard:

- 96 jets 2.5 x 110 mm with plastic supports



### U 874/1 lower basket/carrier

- Open front
- For various inserts
- Clearance with upper baskets:
  - O 176 ca. 110 mm +/- 20 mm
  - O 177 ca. 220 mm + 20/+ 40 mm
  - O 183 ca. 185 mm +/- 20 mm
  - O 188/1 ca. 270 mm +/- 20 mm
  - O 190/1 ca. 220 mm +/- 20 mm
  - O 191 ca. 295 mm
- With holder for ML/2 magnetic strip for automatic mobile unit recognition
- H 50, W 534, D 515 mm



### U 175/1 lower basket/injector unit

- For narrow-necked lab glassware
- Clearance approx. 170 mm\*
- Can be used with the following upper baskets: O 175/O 187/O 184
- With holder for ML/2 magnetic strip for automatic mobile unit recognition
- H 250, W 531, D 475 mm

### Supplied as standard:

- 33 x E 351 injectors
- 4 x 160 mm and 33 x E 353 retaining clips 4 x 160 mm
- 1 rinsing jet

\* The max. clearance might be less, depending on the type of laboratory glass being processed.



### U 184/1 lower basket/carrier

- For centrifuge tubes, vials, test tubes for fraction collectors or autosampler tubes
- Can only be used in O 175/O 187/O 184
- Clearance approx. 170 mm
- With holder for ML/2 magnetic strip for automatic mobile unit recognition
- H 250, W 531, D 515 mm

### Supplied as standard:

- 96 jets 2.5 x 110 mm with plastic supports

Insert	G 7804	G 7883	G 7893	G 7883 CD	G 7835 CD	G 7836 CD	Mat. No.	Article No.
O 188/1	•	•	•	•	•	•	4009490	69.1188.01
O 190/1	•	•	•	•	•	•	4976440	69.1190.01
O 175 TA			•	•	•	•	3807410	69.1175.01
O 187	•	•	•	•	•	•	3881640	69.1187.01
O 184 TA	•	•	•	•	•	•	3807480	69.1184.01
U 874/1	•	•	•	•	•	•	6442940	69.1874.03
U 175/1	•	•	•	•	•	•	6439170	69.1175.03
U 184/1	•	•	•	•	•	•	6439180	69.1184.03

# Laboratory applications: Inserts for test tubes, beakers, flasks and wide-mouthed glassware



#### E 103/1 quarter insert 1/4

- For approx. 200 test tubes up to 12 x 75 mm
- Divided into 6 sections, with A 13 lid
- Mesh spacing 8 x 8 mm
- H 102 (122), W 200, D 320 mm

#### E 104/1 quarter insert 1/4

- As E 103, but for test tubes up to 12 x 105 mm, including lid A 13
- Mesh spacing 8 x 8 mm
- H 132 (152), W 200, D 320 mm

#### E 105/1 quarter insert 1/4

- As E 103, but for test tubes up to 12 x 165 mm, including lid A 13
- Mesh spacing 9 x 9 mm
- H 192 (212), W 200, D 320 mm

#### E 139/1 quarter insert 1/4

- As E 103, but for test tubes up to 12 x 200 mm, including lid A 13
- Mesh spacing 9 x 9 mm
- H 223 (243), W 200, D 320 mm



#### E 149 quarter insert 1/4

- For 80 test tubes up to 6 x 105 mm, including lid A 13
- 80 sections 18 x 18 mm
- Mesh spacing 8 x 8 mm



#### A 13 lid

- For inserts E 103, E 104, E 105 and E 139 as an optional extra
- Stainless steel
- 1 mm gauge wire
- 8 mm mesh spacing
- 4 mm frame all round



#### AK 12 half insert

- For beakers, flasks and wide-mouthed glassware
- H 67/127, W 225, D 442 mm



#### A 14 quarter lid

- For insert AK 12
- Stainless steel
- 7 x 7 mm perforations, 3 mm support
- H 20, W 210, D 210 mm

Insert	G 7804	G 7883	G 7893	G 7883 CD	G 7835 CD	G 7836 CD	Upper basket	Lower basket	Mat. No.	Article No.
E 103/1	•	•	•	•	•	•	•	•	6907630	69.5103.02
E 104/1	•	•	•	•	•	•	•	•	6907640	69.5104.02
E 105/1	•	•	•	•	•	•		•	6907650	69.5105.02
E 139/1	•	•	•	•	•	•		•	6907660	69.5139.02
E 149	•	•	•	•	•	•	•	•	3808800	69.5149.01
A 13	•	•	•	•	•	•			3810200	69.7450.01
AK 12	•	•	•	•	•	•	•	•	3830510	69.5012.01
A 14	•	•	•	•	•	•			3981970	69.7450.02

# Laboratory applications: Inserts for flasks and wide-mouthed glassware



### E 106 half insert (ill.)

- For wide-mouthed glassware, measuring cylinders etc.
- 10 spring clips, H 175 mm
- 18 spring clips, H 105 mm
- Distance between clips: approx. 60 mm
- H 186, W 195, D 430 mm

### E 106/1 half insert

- 28 small spring clips to secure glassware 105 mm high
- Distance between clips 60 mm
- H 116, W 195, D 410 mm

### E 106/2 half insert

- 15 large spring clips to secure glassware 175 mm high
- Distance between clips approx. 85 mm
- H 186, W 180, D 420 mm

### E 109 half insert (ill.)

- For 21 beakers up to 250 ml
- 21 x 3 holders
- H 155, W 230, D 460 mm

### E 110 half insert

- For 10 beakers 250 to 600 ml
- 10 x 3 holders
- H 175, W 230, D 460 mm

### E 111 half insert

- For 8 beakers 600 to 1.000 ml
- 8 x 3 holders
- H 205, W 230, D 460 mm

### E 144 half insert

- For 18 beakers to 250 ml
- 18 x 3 holders
- H 131, W 200, D 445 mm

Insert	G 7804	G 7883	G 7893	G 7883 CD	G 7835 CD	G 7836 CD	Upper basket	Lower basket	Mat. No.	Article No.
E 106	•	•	•	•	•	•		•	3808310	69.5106.01
E 106/1	•	•	•	•	•	•	•	•	3808320	69.5106.02
E 106/2	•	•	•	•	•	•		•	3808330	69.5106.03
E 109	•	•	•	•	•	•		•	3808360	69.5109.01
E 110	•	•	•	•	•	•		•	3808390	69.5110.01
E 111	•	•	•	•	•	•		•	3808420	69.5111.01
E 144	•	•	•	•	•	•	•	•	3808710	69.5144.01

# Laboratory applications: Inserts for Petri dishes, slides and watch glasses

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### E 118 full insert

- For 38 Petri dishes, 100 mm Ø
- 38 holders, 70 mm high
- Distance between holders approx. 26 mm
- H 120, W 460, D 445 mm



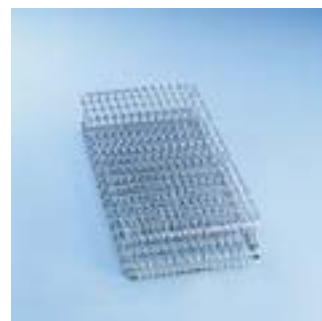
### E 136 full insert

- For 56 Petri dishes, 100 mm Ø
- 56 holders, height 70 mm
- Distance between holders: approx. 26 mm
- H 145, W 485, D 445 mm



### E 137 full insert for E 136

- For 56 Petri dishes, 100 mm Ø
- 56 holders, height 70 mm
- Distance between holders: approx. 26 mm
- H 95, W 485, D 445 mm



### E 134 half insert

- For 210 slides
- Divided into 210 compartments 26 x 11 mm
- 3 mm gauge wire
- H 73, W 200, D 445 mm



### E 402 half insert

- For 44 watch glasses, 80–125 mm Ø
- 23 supports
- Distance between supports 15 mm
- H 53, W 200, D 445 mm



### E 403 half insert

- For 105 watch glasses, 50–60 mm Ø
- 36 supports, distance between supports 9 mm
- H 35, W 200, D 445 mm



### E 493 unit

- For 8 x E 494 inserts for micro circuit boards on 4 levels
- For optimal cleaning results, the lower spray arm must be replaced with the flange supplied
- Clearance from below:
  - Level 1: 70 mm
  - Level 2: 85 mm
  - Level 3: 85 mm
  - Level 4: 90 mm



### E 494 half insert

- For 5 micro circuit boards
- H 35, W 205, D 440

Insert	G 7804	G 7883	G 7893	G 7883 CD	G 7835 CD	G 7836 CD	Upper basket	Lower basket	Mat. No.	Article No.
E 118	•	•	•	•	•	•	•	•	3830270	69.5118.01
E 136	•	•	•	•	•	•		•	3830280	69.5136.01
E 137	•	•	•	•	•	•		•	3830290	69.5137.01
E 134	•	•	•	•	•	•	•	•	3808600	69.5134.01
E 402	•	•	•	•	•	•	•	•	3830420	69.5402.01
E 403	•	•	•	•	•	•	•	•	3830430	69.5403.01
E 493									6570910	69.5493.01
E 494									6570920	69.5494.01

# Laboratory applications: Direct injection baskets for pipettes



### E 405/1 full injector basket TA (ill.)

- For 38 pipettes in 3 rows  
Row 1: 10 pipettes – 100 ml (max. length 550 mm), distance between supports 20 mm  
Row 2: 14 pipettes – 25 ml, distance between supports 26 mm  
Row 3: 14 pipettes – 10 ml, distance between supports 26 mm
- Connection for hot air drying
- With holder for ML/2 magnetic strip for automatic mobile unit recognition

### E 404/1 full injector basket

- As E 405/1, except no drying connection

### E 406

- For 116 pipettes up to 450 mm
- Each section 16 x 16 mm
- Complete with 150 mm high frame
- H 502, W 533, D 516 mm

### E 408 full injector basket

- As E 406, except for 96 pipettes
- Connection for hot air drying
- With holder for ML/2 magnetic strip for automatic mobile unit recognition

Insert	G 7804	G 7883	G 7893	G 7883 CD	G 7835 CD	G 7836 CD	Mat. No.	Article No.
E 404/1	•	•					6727910	69.5404.02
E 405/1 TA			•	•	•	•	6727920	69.5405.02
E 406	•	•					3810110	69.5406.01
E 408 TA			•	•	•	•	3810130	69.5408.01

# Laboratory applications: Inserts for narrow-necked glassware

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### E 355 mobile injector unit 1/2

- For narrow-necked glassware
- Can be used with other inserts in the other half

#### Supplied as standard:

- 7 x E 351 injectors  
4.0 x 160 mm
- 7 x E 353 holders for injectors  
4.0 x 160 mm
- 9 x E 352 injectors  
6.0 x 220 mm
- 9 x E 354 holders for injectors  
6.0 x 220 mm
- 1 x rinsing jet



### E 385 mobile injector unit 1/2 TA\*

- As E 355, except with connection for hot air drying
- With holder for ML/2 magnetic strip for automatic mobile unit recognition

#### Supplied as standard:

- 7 x E 351 injectors  
4.0 x 160 mm
- 7 x E 353 holders for injector  
4.0 x 160 mm
- 9 x E 352 injectors  
6.0 x 220 mm
- 9 x E 354 holders for injector  
6.0 x 220 mm
- 1 x rinsing jet



### E 340 mobile unit 1/2

- For narrow-necked glassware
- Can be used with other inserts in the other half

#### Supplied as standard:

- 3/3/3 injectors  
4.0 x 140/160/180 mm
- 3/3/4 injectors  
6.0 x 200/220/240 mm
- 1 rinsing jet



### E 350 mobile injector unit 1/1

- For narrow-necked glassware

#### Supplied as standard:

- 15 x E 351 injectors  
4.0 x 160 mm
- 15 x E 353 holders for injectors  
4.0 x 160 mm
- 18 x E 352 injectors  
6.0 x 220 mm
- 18 x E 354 holders for injectors  
6.0 x 220 mm
- 1 x rinsing jet



### E 380 mobile injector unit 1/1 TA\*

- As E 350, except with 32 injectors/holders
- Connection for hot air drying
- With holder for ML/2 magnetic strip for automatic mobile unit recognition

#### Supplied as standard:

- 14 x E 351 injectors  
4.0 x 160 mm
- 14 x E 353 holders for injectors  
4.0 x 160 mm
- 18 x E 352 injectors  
6.0 x 220 mm
- 18 x E 354 holders for injectors  
6.0 x 220 mm
- 1 x rinsing jet



### E 329 mobile injector unit 1/1

- For narrow-necked glassware

#### Supplied as standard:

- 4/5 injectors  
2.5 x 90/110 mm
- 5/5/5 injectors  
4.0 x 140/160/180 mm
- 5/5/5 injectors  
6.0 x 200/220/240 mm
- 1 x rinsing jet



### E 414 mobile injector unit 1/1 TA\*

- As E 329, except with 37 injectors
- Connection for hot air drying
- With holder for ML/2 magnetic strip for automatic mobile unit recognition

#### Supplied as standard:

- 4/3 injectors  
2.5 x 90/110 mm
- 5/5/5 injectors  
4.0 x 140/160/180 mm
- 5/5/5 injectors  
6.0 x 200/220/240 mm
- 1 x rinsing jet



### E 331 mobile injector unit 1/1

- For butyrometers
- With holder for ML/2 magnetic strip for automatic mobile unit recognition

#### Supplied as standard:

- 39 SD-B injectors for butyrometers
- 1 x rinsing jet

Insert	G 7804	G 7883	G 7893	G 7883 CD	G 7835 CD	G 7836 CD	Mat. No.	Article No.
E 355	•	•					3809560	69.5355.01
E 385 TA			•	•	•	•	3809930	69.5385.01
E 340	•	•	•	•	•	•	3809410	69.5340.01
E 350	•	•					3809490	69.5350.01
E 380 TA			•	•	•	•	3809880	69.5380.01
E 329	•	•					3809340	69.5329.01
E 414 TA			•	•	•	•	3810190	69.5414.01
E 331	•	•	•	•	•	•	3809350	69.5331.01



### E 336 MIBO sleeve

- Plastic, screw connection
- For pipettes (max. length 445 mm) in mobile injector unit
- Ø 11 mm
- Length 121 mm



### E 351 injector jets

- For mobile injector units
- Can be used with E 353
- 4 x 160 mm, screw connection

### E 352 injector jets

- For mobile injector units
- Can be used with E 354
- 6 x 220 mm, screw connection

### E 353 holders for injector jets

- For injector E 351
- Height adjustable
- 4 x 160 mm

### E 354 holders for injector jets

- For injector E 352
- Height adjustable
- 6 x 220 mm

### E 470 injector jets with holders

- For mobile injector units
- 2.5 x 90 mm, screw connection



### Injectors with plastic holders

#### ID 90

- 2.5 x 90 mm

#### ID 110

- 2.5 x 110 mm

#### ID 140

- 4 x 140 mm

#### ID 160

- 4 x 160 mm

#### ID 180

- 4 x 180 mm

#### ID 200

- 6 x 200 mm

#### ID 220

- 6 x 220 mm

#### ID 240

- 6 x 240 mm



### SD-B injector for butyrometer

- For mobile injector unit E 331
- L 240 mm including 4 x 140 mm thread plus welded, flattened injector 1.5 x 100 mm



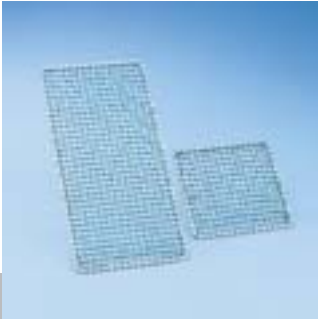
### E 362 blanking stopper

- M 8 x 1 thread to blank off screw connections on mobile injector unit

Insert	G 7804	G 7883	G 7893	G 7883 CD	G 7835 CD	G 7836 CD	Mat. No.	Article No.
E 336	•	•	•	•	•	•	3809390	69.7336.01
E 351	•	•	•	•	•	•	3809500	69.7351.01
E 352	•	•	•	•	•	•	3809510	69.7352.01
E 353	•	•	•	•	•	•	3809530	69.7353.01
E 354	•	•	•	•	•	•	3809540	69.7354.01
E 470	•	•	•	•	•	•	5701580	69.5470.01
ID 90	•	•	•	•	•	•	3810320	69.7090.01
ID 110	•	•	•	•	•	•	3810330	69.7110.01
ID 140	•	•	•	•	•	•	3810340	69.7140.01
ID 160	•	•	•	•	•	•	3810350	69.7160.01
ID 180	•	•	•	•	•	•	3810360	69.7180.01
ID 200	•	•	•	•	•	•	3810380	69.7200.01
ID 220	•	•	•	•	•	•	3810390	69.7220.01
ID 240	•	•	•	•	•	•	3810400	69.7240.01
SD-B	•	•	•	•	•	•	3583540	69.7080.01
E 362	•	•	•	•	•	•	3809630	69.7362.01

# Laboratory applications: Accessories

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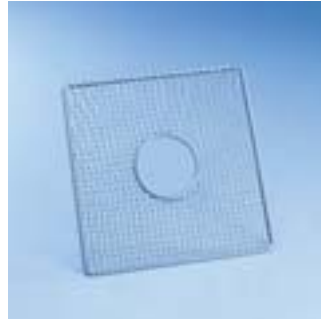


### A2 cover net 1/2

- Synthetic net in a metal frame
- For inserts 1/2
- 216 x 456 mm

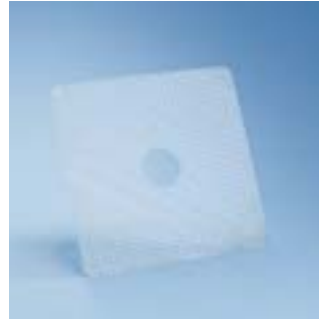
### A3 cover net 1/4

- Synthetic net in a metal frame
- For inserts 1/4
- 206 x 206 mm



### A5 cover

- For O and U 184, E 747, E 947
- H 8, W 280, D 280 mm



### A11/1 insert 1/1 lower frame

- With 7 x 7 mm perforations
- For upper and lower basket
- Stainless steel
- W 429, D 429 mm



### A12/1 insert 1/2 lower frame

- With 7 x 7 mm perforations
- For upper and lower basket
- Stainless steel
- W 429, D 224 mm



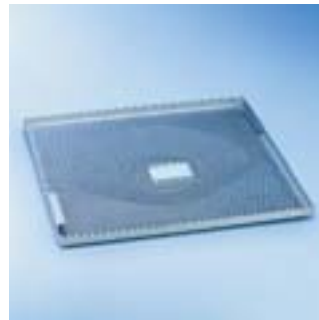
### A16 lid 1/2

- For insert E 142
- 230 x 215 mm
- Stainless steel



### A18 lid 1/2

- For insert E 484
- For insert E142 as 1/1-cover
- 1 mm gauge wire, 5 mm mesh, 4 mm all round frame
- H 20, W 430, D 230 mm



### E 319/3 insert 1/1

- Coarse filter
- Prevents contamination by labels from laboratory glassware and splinters of broken glass
- W 500, D 488 mm

Accessory	G 7804	G 7883	G 7893	G 7883 CD	G 7835 CD	G 7836 CD	Mat. No.	Article No.
A 2	•	•	•	•	•	•	3830460	69.5002.01
A 3	•	•	•	•	•	•	3830470	69.5003.01
A 5	•	•	•	•	•	•	5637190	69.5005.01
A 11/1	•	•	•	•	•	•	6629660	69.5011.02
A 12/1	•	•	•	•	•	•	6629670	69.5012.03
A 16	•	•	•	•	•	•	3981990	69.7450.04
A 18	•	•	•	•	•	•	5631080	69.7450.06
E 319/3	•	•	•	•	•	•	6477070	69.5319.04

# Overview of items

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A 5	30	E 350	28	E 475	19	UE 30-60/60-78	3
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A 14	24	E 354	29	E 479	19		
A 16	30	E 355	28	E 484	14, 21		
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DOS K 60/1	4	E 379	14	E 790	18		
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E 104/1	24	E 381 TA	6	E 800	12		
E 105/1	24	E 385 TA	28	E 802	13		
E 106	25	E 402	26	E 803	11		
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E 106/2	25	E 404/1	27	E 806	12		
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E 110	25	E 406	27	E 905	15		
E 111	25	E 408 TA	27	E 906	15		
E 118	26	E 414 TA	28	E 907	16		
E 124	8	E 416	11	E 908/1	16		
E 125	8	E 417	11	FP	18		
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E 127	8	E 429	18	G 7895/1	5		
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E 135/1	9	E 442	19	ID 220	29		
E 135/2	9	E 443	19	ID 240	29		
E 135/3	9	E 444	16	LWM module C	5		
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E 137	26	E 446	19	ML/2	22		
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E 327	11	E 464	20	U 167	6		
E 328	13	E 467	19	U 168/1	21		
E 329	28	E 468	7	U 175/1	23		
E 331	28	E 469	19	U 184/1	23		
E 336	19, 29	E 470	29	U 874/1	8, 10, 21, 23		
E 337	13	E 471	20	U 874/2	10		
E 338	12	E 472	20	UC 30-90/60-78	3		

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