

The new generation
Washer-disinfectors
for hospitals and surgeries



Greater performance.
Improved efficiency.
Greater safety.



Miele advantages which pay their way

Washer-disinfectors from Miele Professional enable the safe and reproducible cleaning and disinfection of instruments used by doctors and surgeons. The approach used is particularly gentle on materials. Leading instrument manufacturers such as Aesculap and Geuder have recommended the reprocessing of their instruments with Miele Professional for many years.



Greater performance

The new washer-disinfectors from Miele Professional excel in terms of the excellence of their cleaning performance combined with high throughput.

- An innovative heater pump enables both time savings and high standards of efficiency.
- Newly developed spray arms with a revised nozzle design and arrangement of jets ensures full spray coverage.
- An optimised water circuit and a significant increase in pump pressure at the injector nozzles guarantees the thorough and safe reprocessing of lumened instruments.
- 6 DIN mesh trays can now be reprocessed in a single cycle (Capacity increased by 50% compared with previous series)



Improved efficiency

The new washer-disinfectors from Miele Professionally convincing thanks to their sparing use of resources, short cycle times and high capacity.

- New application-specific programmes
- Variable-speed pump for perfect spray pressure in all programme phases
- Economic and safe reprocessing of even the most intricate of lumened instruments using a new central filtration system
- Low-maintenance and highly durable thanks to excellent materials and workmanship.



Greater safety

The new high-end washer-disinfectors from Miele Professional raise the benchmark in terms of hygiene and safety in the reprocessing of instruments.

- Multi-stage filtration system is highly efficient in removing particulate soil from water in circulation.
- Large-surface central filter in upper basket or load carrier guarantees optimum protection against the blockage of narrow-lumened ophthalmological instruments.
- Reprocessing excellence is afforded by closely monitoring spray pressure and the rotation of the spray arms in order to prevent any loss in circulation pressure or to immediately identify obstacles in the path of the spray arms.
- Conductivity monitoring ensures required water quality

Innovations in their most compact form: Greater performance, efficiency and safety

With the many innovations on board the new PG 8582 and PG 8592 washer-disinfectors, Miele Professional has taken instrument decontamination onto the next level. This model series is characterised by an intelligent combination of completely redesigned technical components, new application-specific programmes and a wide range of monitoring functions, offering safety and efficiency in reprocessing.

Innovation for greater performance and reliability –
to the benefit of both users and patients.



Innovations in detail:

Convenience and ergonomics



Design and user interface

The modern design and the intuitive user interface make for the incredibly simple use of washer-disinfectors in surgeries, theatres and hospitals.

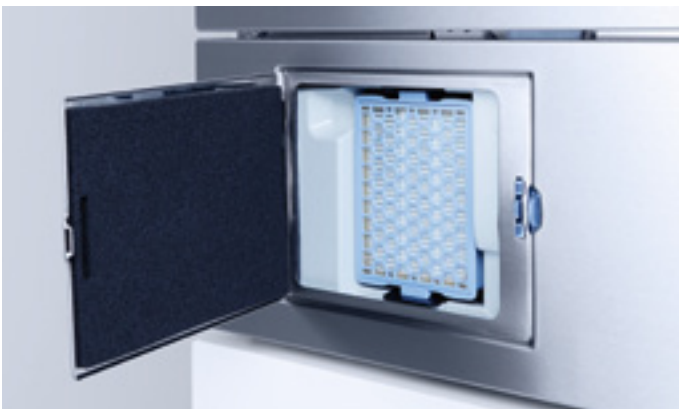
- The new control panel is the central design element and represents an intelligent combination of door handle and control panel. It consists of a single, flush stainless-steel surface with embedded 'touch-on-steel' controls.
- Inclined control panel for improved legibility
- 3-line text display and intuitive user interface for hassle-free operation
- Programmes catering for all medical disciplines and vacant programme slots for user-specific programmes
- Freely assignable direct-access buttons and individually selectable programme names for fast access to routine tasks
- Flush, smooth control panel and handle surfaces for simple wipe cleaning



Ergonomics

An easily accessible salt container in the door and the AutoClose functions simplifies the work of those operating these machines.

- The patented door salt container has a capacity of approx. 2 kg of salt. Replenishing the salt container no longer requires bending or stooping as the job can be performed standing upright. Similarly, there is no longer any need to remove heavy baskets and load carriers to access the salt container.
- AutoClose: Gentle pressure against the door is sufficient for it to be drawn closed and locked automatically. As a result, only a minimum of effort is required to reliably close and lock the door.



Highly efficient drying

Depending on the model, the new washer-disinfectors feature DryPlus hot-air drying or EcoDry to assist drying by releasing steam.

- EcoDry: The machine door automatically opens at the end of a programme once the temperature in the cabinet has dropped below 70°C. Hot, moisture-laden air is released from the cabinet, allowing the load to dry and cool down faster.
- DryPlus hot-air drying on the PG 8592 represents an ideal solution when dealing with intricate and narrow-lumened instruments. An upstream Class H13 HEPA filter ensures the reliable removal of particles from the air taken in for drying. The filter is easily accessible via a hatch in the front plinth.

Innovations in detail:

High-performance technology for safe reprocessing



Patented variable-speed pump with brushless motor

The heart and soul of the new generation of washer-disinfectors and a USP is the variable-speed pump with integrated throughflow heater elements.

- Direct heating of water in circulation saves time
- High spray pressure in the cleaning phase to dislodge soil and provide the optimum conditions for cleaning cavities and narrow-lumened instruments
- Low spray pressure to ensure the uniform wetting of all surfaces in the neutralisation phase
- Particularly efficient use of water and energy by modulating spray pressure to suit needs
- Low-maintenance thanks to modern technology



Hygienic chamber

A completely redesigned chamber on the new washer-disinfectors enables high capacities and excellent hygiene.

- Laser technology is used to weld the chamber sections to give a perfectly smooth, crevice-free finish offering no nooks or crannies where blood or soil can accumulate
- The removal of heater elements from the chamber removes a further potential source of a build-up of contamination and eliminates the risk of plastic items melting on contact with the heaters
- Increased space in the chamber increases the load capacity per cycle (e.g. 6 DIN mesh trays)



Rear basket docking system

The relocation of the docking system for upper and lower baskets and load carriers to the rear of the chamber guarantees a more streamlined water and air circuit and improves the use of resources.

- Shorter circulation paths help minimise pressure losses and reductions in water temperature
- Automatically self-sealing valves when not in use ensure uniformly high spray pressure
- Use of same docking system to supply load carriers with water and hot air for internal drying



Optimised spray arms

The new spray arm design consistently improves on progress made on previous model series and ensures the ultimate in reprocessing reliability.

- Different nozzle forms ensure the forceful removal of persistent soil and the uniform wetting of wash loads
- Elimination of water reflections in spray curtain thanks to new arrangement of nozzles on spray arms
- Lower water consumption per cycle without any trade-off in terms of cleaning performance



Safety through constant checks

The new washer-disinfectors feature spray pressure and spray arm monitoring and some models also monitor water conductivity. These advanced sensors make a considerable contribution towards ensuring the reliability of reprocessing.

- Blockages caused by protruding load items are immediately detected
- Spray pressure losses as a result for example of excessive foaming is reliably detected
- Deviations from the selected conductivity level in the final rinse water are reliably detected.
- Thanks to integrated sensors, deviations from the programme parameters are immediately recognised, allowing rapid intervention on the part of users.

The new washer-disinfectors

PG 8582 and PG 8592



Washer-disinfector	PG 8582
Width	600
Height, Depth [mm]	835 (820*), 600
Shortest cycle** [mins.]	21
Load capacity	6 DIN trays or 2 AN sets or 1-2 MIS sets or 48 GYN specula
EcoDry drying	
Depending on version, up to 2 integrated dispenser pumps for liquid products	
* Undercounter units	
** Cleaning and disinfection	



Washer-disinfector	PG 8592
Width	600
Height, Depth [mm]	835 (820*), 600
Shortest cycle** [mins.]	22
Load capacity	6 DIN trays*** or 2 AN sets or 1-2 MIS sets or 48 GYN specula
Integrated DryPlus hot-air drying	
Integrated dispenser pump for liquid detergent	

* Undercounter units

** Cleaning and disinfection

*** Including 6 additional LuerLock connections for lumened instruments

Innovative programme cycles



The highly innovative programmes on the new PG 85 washer-disinfectors allow the improved chamber design, the high-performance spray technology and increased injector capacity to be utilised to the full.

All models also feature two vacant programme slots for freely programmable cycles to cater for individual needs. The result: superb reprocessing performance combined with high-level efficiency.

Vario TD instruments

In order to meet the wide-ranging needs of clients, the new washer-disinfectors are equipped with numerous application-specific programmes. For greater efficiency and capacity, Miele offers Vario TD programmes for 4 or 6 mesh trays. The optimised use of cabinet space and high-performance spray technology allows a maximum of 6 standard DIN mesh trays to be reprocessed per cycle in the new washer-disinfectors. Different programmes for 4 and 6 mesh trays offer the benefits of curtailing the cycle time for 4 mesh trays by approx. 10 minutes and saving approx. 20 l of water.

Vario TD ENT optics

Miele caters for highly specific applications such as the needs of ENT specialists. The fibre optics used in the ENT discipline are extremely expensive and hence reprocessing turnaround times should be as short as possible. The Vario TD ENT optics programme serves to reprocess slightly soiled ENT fibre optics and has a very short cycle time of only 20 mins.

Furthermore, models PG 8582 and PG 8592 each offer 2 vacant programme slots which can be used to cater for users' individual needs.

Programmes, cycle times, consumption

PG 8582	Cleaning					Drying	
	Cycle time [mins.]	CW [l]	HW [l]	AD [l]	Energy [kWh]	Cycle time [mins.]	Energy [kWh]
Vario TD Instr 4 trays	39	17.4	18.2	9.0	2.1	8	–
Vario TD Instr 6 trays	48	25.2	27.3	13.0	2.8	8	–
Vario TD MI	40	18.6	12.5	16.0	2.2	7	–
Vario TD AN	51	25.9	29.6	14.0	2.5	4.5	–
Vario TD GYN	46	17.4	28.2	7.5	1.7	6	–
Ophthalmology	40	13.8	21.7	17.5	1.9	7	–
Vario TD ENT	40	17.4	18.2	9.0	2.3	7	–
Vario TD ENT optics	21	10.0	–	9.0	1.6	6	–
Baby bottles	36	17.4	21.2	7.5	2.3	6	–
Ward utensils	28	17.4	12.2	7.5	1.5	4.5	–
Theatre shoes	26	17.1	12.5	8.5	1.6	3.5	–
Universal	33	4.5	31.5	18.5	1.7	3	–
Special 93°C-10'	50	11.9	29.6	14.0	3.3	3	–
Rinse	4	10.0	–	–	–	–	–

PG 8592							
Vario TD Instr 4 trays	39	17.4	18.2	9.0	2.1	47	0.8
Vario TD Instr 6 trays	49	25.2	27.3	13.0	2.8	55	1.0
Vario TD MI	40	18.6	12.5	16.0	2.3	42	0.7
Vario TD AN	51	25.9	29.6	14.0	2.4	94	1.7
Vario TD GYN	46	17.4	28.2	7.5	1.8	37	0.6
Ophthalmology	40	13.8	21.7	17.5	2.0	57	0.9
Vario TD ENT	41	17.4	18.2	9.0	2.3	52	0.8
Vario TD ENT optics	22	10.0	–	9.0	1.6	32	0.5
Baby bottles	37	17.4	21.2	7.5	2.3	62	1.2
Ward utensils	29	17.4	12.2	7.5	1.6	39	0.5
Theatre shoes	27	17.1	12.5	8.5	1.5	44	0.5
Universal	31	4.5	31.5	18.5	1.6	38	0.7
Special 93°C-10'	49	11.9	29.6	14.0	3.0	79	1.4
Rinse	4	10.0	–	–	–	–	–
Drying	–	–	–	–	–	40	0.7

Heating: 8.5 kW (3N AC 400V 50Hz), connection to cold water (15°C), hot water (65°C) and demineralised water (15°C)

Leading instrument manufacturers recommend Miele reprocessing systems:



Miele ORTHOVARIO approved for the reprocessing of current-series Aesculap motor systems.



Recommendation to reprocess ophthalmological instruments with the Miele system.



Miele OXIVARIO PLUS process approved to prevent the iatrogenic spread of vCJD



Safe reprocessing of flexible endoscopes in models ETD4 and mini ETD2 which are designed and manufactured by Miele.



spirit of excellence

Value-preserving reprocessing of instruments with the VARIO TD and OXIVARIO processes



Innovations in detail:

Load carriers and inserts offering improved efficiency

In order to ensure that medical products are reprocessed safely and in a manner which retains their value, Miele Professional offers a wide range of accessories including upper and lower baskets, load carriers and inserts for a broad range of instruments. With the introduction of the PG 85 series, the entire load carrier system has undergone a thorough reappraisal.

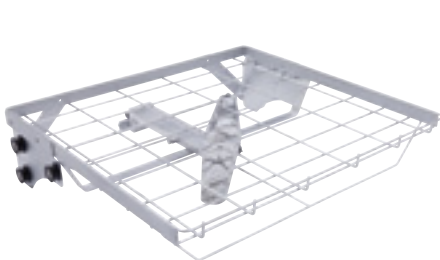
Improved efficiency

The new load carriers utilise the available space in the chamber to a higher degree, allowing more instruments and other load items to be washed in each cycle. Another benefit accrues from the redesigned water and air circuit: Wash liquor and drying air is fed along a shorter and streamlined circuit and with minimal pressure losses on their way to the spray arms and injector nozzles. Optimum pressure conditions are also created by the automatically self-sealing docking valves when not occupied. The modular character of the new load carriers represents a further product benefit, facilitating future extensions.

Sample feature sets for medical applications / recommendations for washer-disinfectors	PG 8582	PG 8592
Sample feature set for mesh trays	•	•
1 x A 103 upper basket, 1 x A 202 load carrier		
Sample feature set for MI instruments	–	•
1 x A 203 load carrier		
Sample feature set for minimally invasive instruments and mesh trays	–	•
1 x A 104 upper basket, 1 x A 151 lower basket		
Sample feature set for anaesthetics	–	•
1 x A 201 load carrier		
Sample feature set for ophthalmology	•	•
1 x A 204 load carrier, 1 x A 800 tubular filter		
Sample feature set for theatre shoes	•	–
1 x A 103 upper basket with A 308 insert, 1 x A 151 lower basket with A 307 insert		
Sample feature set for ENT	•	•
1 x A 105 upper basket, 1 x A 151 lower basket, further accessories		
Sample feature set for gynaecology	•	•
1 x A 102 upper basket, 1 x A 151 lower basket, 2 x E 416, 1 x E 378		

Sample feature set

Mesh trays | PG 8582, PG 8592



A 103 upper basket

- Open front
- For various inserts
- Vertical clearance 95 mm
- Built-in spray arm
- Particularly suitable for the reprocessing of DIN mesh trays and other shallow loads.
- H 133, W 528, D 528 mm



A 202 load carrier

- For 4 DIN mesh trays on 2 levels
- Built-in spray arm
- Clearances from bottom:
 - Level 1: With connection frame H 95, W 519, D 485 mm, Without connection frame H 135, W 494, D 500 mm
 - Level 2: H 135, W 516, D 462 mm
- 6 additional LuerLock connections for lumened instruments
- Connection frame for DIN mesh trays (can be removed to accommodate bulky items, e.g. kidney dishes)
- H 223, W 531, D 542 mm



6 x E 142 insert 1/2 mesh tray

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

Sample feature set

MIS | PG 8592



A 203 load carrier

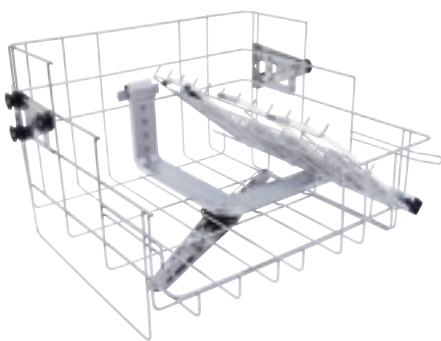
- For minimally invasive surgical instruments
- Loading on 2 levels
- Designed to accommodate
 - E 451 mesh tray for small items
 - E 457 insert for separable MI instruments
 - E 460 insert for rigid fibre optics
 - E 473 mesh tray for small items
 - E 444 spiral rack for lightguides and irrigation hoses
- H 520, W 531, D 542 mm

Supplied as standard with:

- 3 x E 336 irrigation sleeves, 121 mm
- 2 x E 362 blanking screws
- 15 x E 442 injector sleeves, 121 mm, for MI instruments, Ø 4–8 mm
- 5 x E 443 injector sleeves for MI instruments, 121 mm, Ø 8–12 mm
- 1 x E 445, 12 caps, for irrigation sleeves, 6 mm
- 1 x E 446, 12 caps for irrigation sleeves, 10 mm
- 3 x E 447 female adapters, for male LuerLock
- 6 x E 448 silicone hoses, 300 mm, 5 x 1.5 mm with male LuerLock adapters
- 5 x E 449 male adapters, for female LuerLock
- 1 x E 451 mesh insert 1/6, with lid
- 3 x E 452 injector nozzles, 2.5 x 60 mm
- 8 x E 453 injector nozzles, Ø 4.0 x 110 mm with spring support
- 6 x E 454 injector nozzles for trocar sleeves, 10–15 mm
- 4 x E 456 spring supports for MI instruments, e.g. scissors, forceps, etc.
- 3 x E 464 sleeve for E 454 injector nozzles

Sample feature set

MI surgery and mesh trays | PG 8592



A 104 upper basket/injector unit

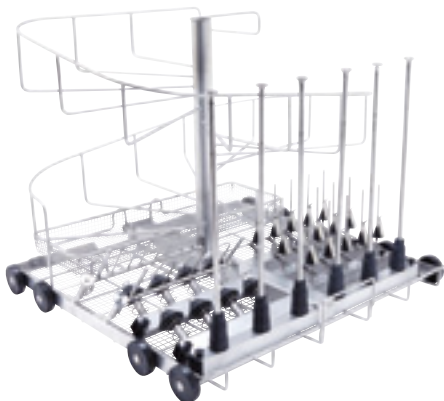
- For surgeries with only few lumened instruments
- For instruments from minimally invasive surgery, arthroscopy, urology
- Left-hand side free for inserts
- Right-hand side for 11 lumened instruments
- Four additional LuerLock connections for further lumened instruments
- With spray arm: Space for mesh trays on lower level
- H 332, W 528, D 526 mm

A 151 lower basket/open front

- For various DIN mesh trays and various inserts
- Clearance dependent on type of upper basket used
- H 88, W 531, D 522 mm

Sample feature set

Anaesthetics | PG 8592



A 201 load carrier

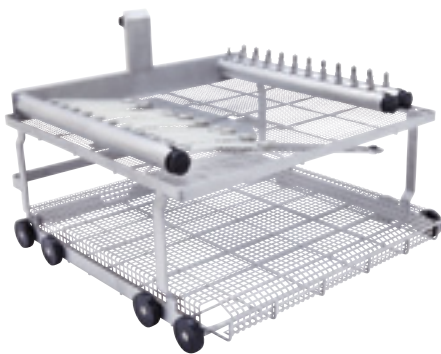
- For AN sets
- 8 nozzles with spring supports for breathing tubes with max. length of 1.5 m
- Spiral rack
- 15 injector nozzles for intubation material
- H 434, W 531, D 546 mm

Supplied as standard with:

- 1 x E 430 mesh tray
- 1 x E 432 holder for 3-4 corrugated breathing tubes
- 2 x E 433 holders for 3-4 silicone breathing tubes
- 1 x E 434 holder for 3-4 paediatric breathing tubes
- 6 x E 466 injector nozzles for breathing bags, 8 x 333 mm
- 1 x E 431 injector nozzle for breathing bags, 8 x 193 mm
- 15 x E 496 injector nozzles, 4 x 120 mm
- 1 x A 3 cover net

Sample feature set

Ophthalmology | PG 8592



A 204 load carrier

- For ophthalmological/micro-instruments
- Built-in spray arm
- Loading on 2 levels:
 - Level 1: For inserts:
(e.g. E 441/1 or E 142)
 - Level 2, Right-hand side:
22 connections for lumened instruments
(10 LuerLock adapters, male,
10 LuerLock adapters, female)
 - Level 2, Left-hand side: 11 LuerLock
adapters, Adapter, male, with hose,
horizontal arrangement
 - A 800 central filter for use on all injector
rails (not included)
- H 365, W 531, D 542 mm

A 800 central filter

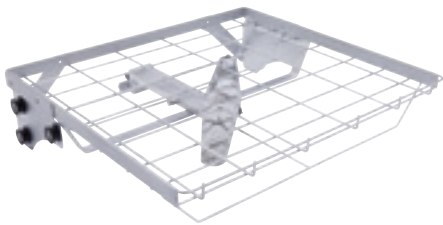
- Filter made from multi-ply stainless-steel
mesh for A 105 upper basket and A 204
load carrier
- Mesh size 63 µm
- Reprocessable with A 804 cleaning brush
- L 405 mm, Ø 22.5 mm

A 804 cleaning brush (not illustrated)

- for cleaning A 800 central filter
- Twisted brush with spiral bristles
- Handle with grommet
- Length 500 mm, brush length 100 mm

Sample feature set

Theatre shoes | PG 8582, PG 8592



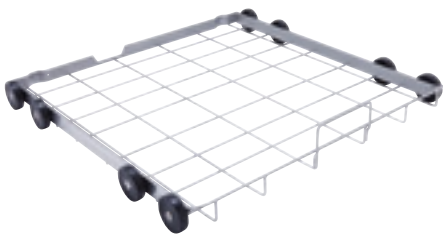
A 103 upper basket

- Open front
- For various inserts
- Vertical clearance 95 mm
- Built-in spray arm
- Particularly suitable for the reprocessing of DIN mesh trays and other shallow loads.
- H 133, W 528, D 528 mm



A 308 insert

- For up to 34 theatre shoe insoles
- For use in open-fronted upper or lower baskets
- H 71, W 475, D 445 mm



A 151 lower basket/open front

- For various DIN mesh trays and various inserts
- Clearance dependent on type of upper basket used
- H 88, W 531, D 522 mm

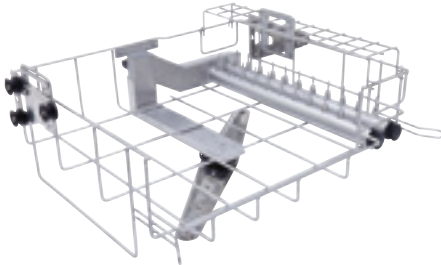


A 307 insert

- For up to 20 theatre shoes, (tines 265 mm long)
- For use in open-fronted lower basket
- Reprocessing of theatre shoes, max. size 48
- H 279, W 475, D 380 mm

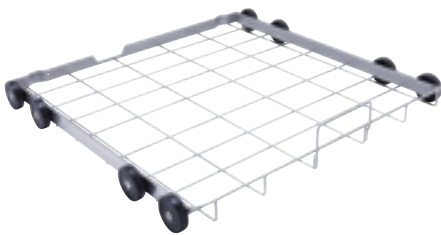
Sample feature set

ENT | PG 8582, PG 8592



A 105 upper basket/injector unit

- Left-hand side free for inserts
- Right-hand side with height-adjustable supports and 22 injector nozzles for transmission instruments and saliva extractors
- 5 x irrigation sleeves E 336 for e.g. surgical extractors, supplied in bag
- A 800 central filter for use in either injector rail (not provided)
- Built-in spray arm
- Height-adjustable
- H 202, W 528, D 528 mm



A 151 lower basket/open front

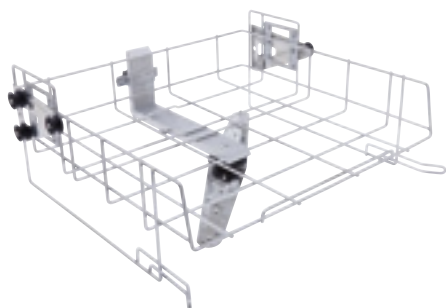
- For standard DIN mesh trays and various inserts
- Clearance dependent on type of upper basket used
- H 88, W 529, D 546 mm

Further accessories:

- E 131/1 insert for 5 mesh trays
- 2 x E 146 1/6 mesh insert, with lid
- E 417 insert 2/5 for 30 ear and nose speculae
- E 499 irrigation connector for cannulae
- E 379 insert 1/2 mesh tray
- E 790 connectors
LuerLock, female/male
- E 791 connectors
LuerLock, female/male
- E 792 connector
LuerLock, male, with silicone hose

Sample feature set

Gynaecology | PG 8582, PG 8592



A 102 upper basket/open front

- Open front
- For various inserts
- Height-adjustable
- Vertical clearance 205 +/-30 mm
- Built-in spray arm
- H 206, W 528, D 527 mm



4 x E 416 1/4 insert

- For 6 one or two-piece speculae
- 7 holders, spacing 40 mm
- For upper or lower basket
- H 157, W 178, D 279 mm



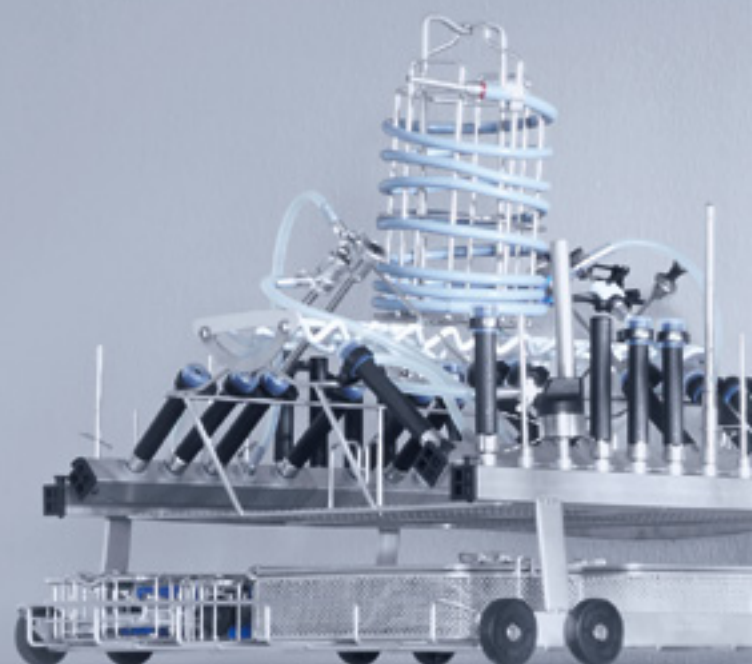
A 151 lower basket/open front

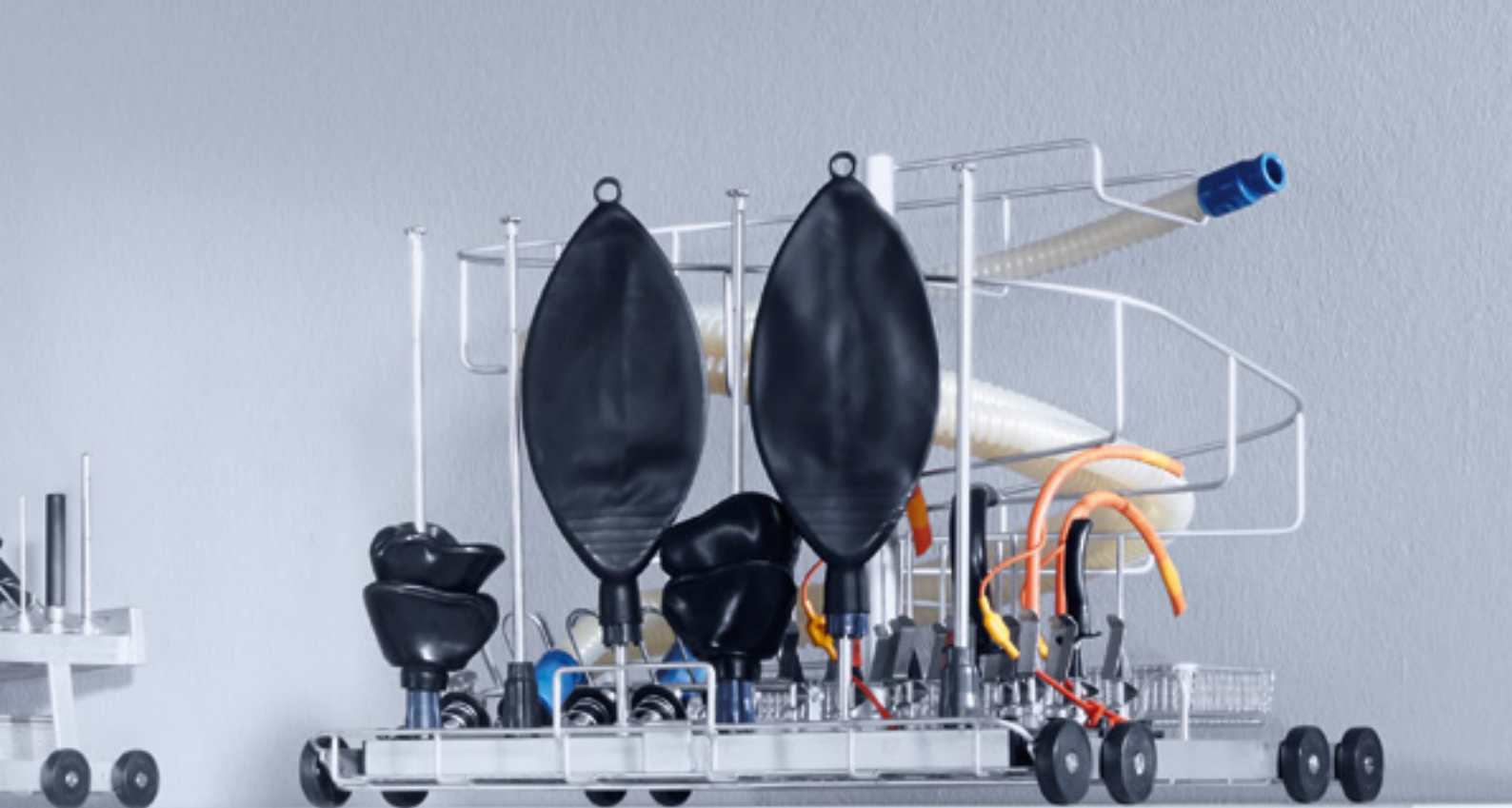
- For standard DIN mesh trays and various inserts
- Clearance dependent on type of upper basket used
- H 88, W 529, D 546 mm



E 379 insert 1/2

- For various utensils
- 0.8 mm wire gauge
- Mesh size 1.7 mm
- 5 mm all-round frame
- 2 handles
- For upper or lower basket
- H 80/110, W 180, D 445 mm





Accessories for reprocessing with fully demineralised water



PG 8595 Aqua Purificator

Housing unit for 2 water demineralisation cartridges VE P 2000 / VE P 2800

- Compatible with PG 8582, PG 8592
- Generally recommended quality for final rinse < 19 $\mu\text{S}/\text{cm}$
- H 835 (820), W 300, D 600 mm
- Freestanding unit, can be built under
- Outer panelling in stainless steel or white



CM ConductivityMeter

Conductivity module for water demineralisation cartridges VE P 2000 and VE P 2800

- Single-line, illuminated display
- 10-point measurement in 0 - 199.9 $\mu\text{S}/\text{cm}$ range.
- Optical and acoustic 'change cartridge' indicator
- Optical and acoustic fault indicator
- Wall bracket
- Connection to external LED (optional)
- The device comes with a sensor cell and 3/4" hoses for connection to the cartridge and the machine.
- H 118, W 235, D 110 mm
- Input: 100 - 240V, 50/60 Hz, 85 mA;
Output: 9V, 400 mA, 3.6 VA



VE P 2000

Water demineralisation cartridge, charged

- Pressure-proof stainless-steel cartridge
- H 410, \varnothing 230 mm
- Complete with vent and pressure relief valve
- Contains 12.5 l of reusable mixed resin



VE P 2800

Water demineralisation cartridge/ charged

- Pressure-proof stainless-steel cartridge
- H 570, Ø 230 mm
- Complete with vent and pressure relief valve
- Contains 19 l of reusable mixed resin



LP 2800

Water demineralisation cartridge, empty

- Can be charged with 19 l of single-use resin

E 315 disposable resin

- 20 l homogenous, mixed-bed resins for LP 2800
- Box with 2 x 10 l bags, vacuum-sealed in plastic bags
- Replacement filter bag

E 316 refill set

- Plastic barrel with lid and funnel for 30 l of disposable resin

SK fast-action coupling

for water demineralisation cartridges

- Conversion kit for simple replacement of cartridges consisting of:
- 2 x VA adapters from 3/4" to fast-action for direct connection to cartridge
- 2 x fast-action couplings with 3/4" PVC double nipple including gaskets for existing set of hoses.

UfZ conversion kit for spare cartridges

- If two cartridges are used, the 2 x VA 3/4" connections can be screwed onto the second cartridge. This obviates the need to disconnect the connections from the first cartridge.

Accessories for dispensing process chemicals



PG 8596 dispenser unit

Housing unit for process chemicals and dispenser modules

- H 835 (820), W 300, D 600 mm
- Compatible with PG 8582, PG 8592
- Freestanding unit, can be built under
- Unit with removable door
- Outer panelling in stainless steel or white
- Interior dimensions:
H 690 / 380 / 285 mm
(top drawer removed / lower / upper
drawer), W 250 mm, D 555 / 425 mm
(without / with drip tray and dispenser
modules)

2 levels:

Removable telescopic drawers with drip
tray liners for canisters containing process
chemicals

Canister sizes

Accommodates a total of 6 x 5 l canisters
(L 245 x W 145 x H 225 mm*).

Lower drawer offers space for larger
canisters:

- 2 x 10 l, 140 x 193 x 307 mm
- 2 x 10 l, 223 x 203 x 321 mm
- 2 x 10 l, 229 x 193 x 323 mm
- 2 x 10 l, 194 x 204 x 353 mm
- 1 x 20 l, 289 x 233 x 396 mm
- 1 x 25 l, 288 x 234 x 456 mm

* Only possible with DOS K 85/1 dispenser with short siphon.



DOS K 85/1 dispenser module

- For liquid alkaline detergents and
chemical disinfectants, neutralising agent
- Peristaltic pump, adjustable via
machine's electronic controls
- Integrated dispenser monitoring function
ensuring high level of process security in
compliance with EN ISO 15883
- Short siphon (200 mm) for 5 l canister,
incl. level fill monitoring
- Length of connection cable: 3.00 m
- Length of suction hose: 1.80 m



DOS K 85 dispenser module

- As DOS K 85/1
- But with long siphon (300 mm) for 5 l and
10 l canisters
- Option: Conversion kit, Part no. 5458034,
for siphon (10-30 l containers) available
from Spares.

Accessories

Plinths



UG 30-60/60-85 plinth

- For use on PG 8582 and PG 8592
- Stainless-steel plinth, bolted to machine
- H 300, W 600, D 600 mm



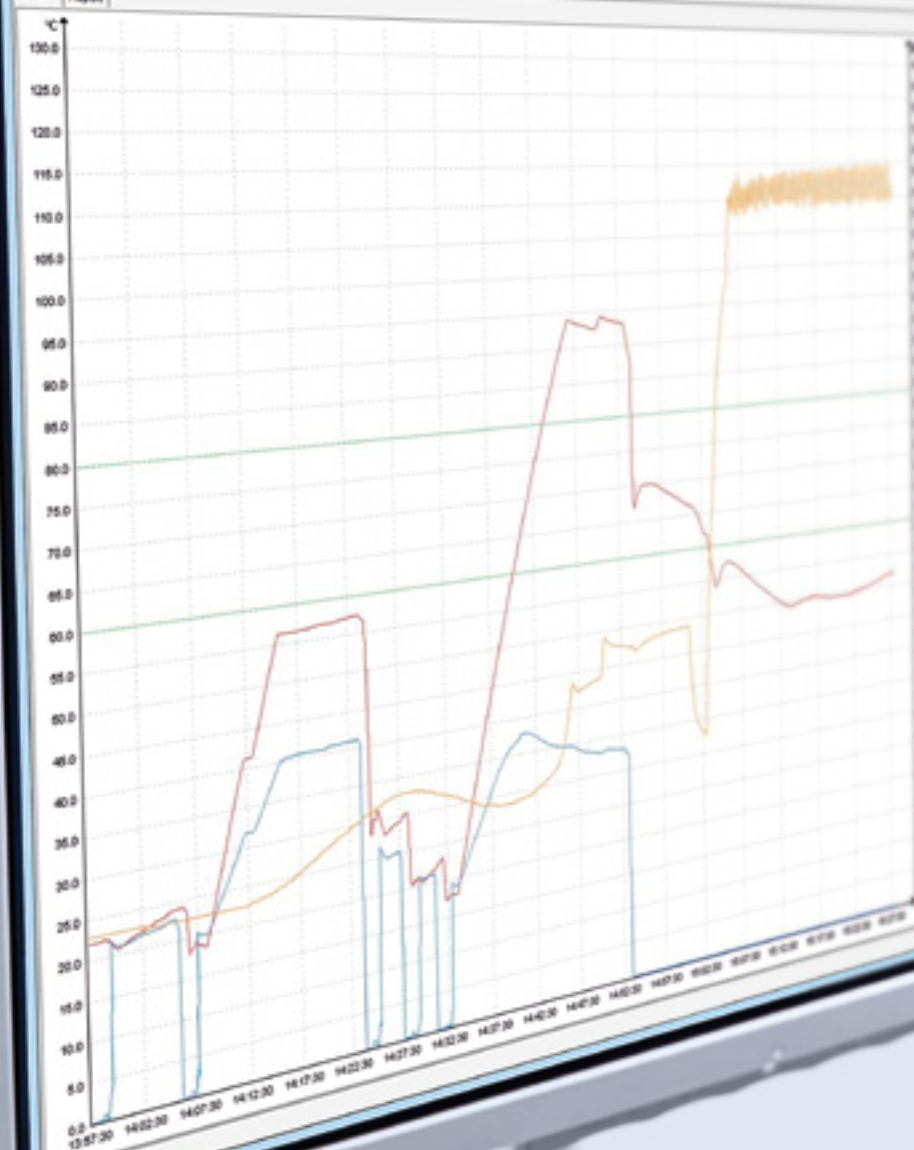
UG 30-90/60-85 plinth

- For use with PG 8582 and PG 8592 in combination with PG 8595 or PG 8596
- Stainless-steel plinth, bolted to machine
- H 300, W 900, D 600 mm

SegoSoft - [Aufzeichnung: Demo - Zyklus beendet]

Datei Bearbeiten Ansicht Archiv Diagramm Aufzeichnung Geräte Extras Fenster ?

Chart Report



Geräte	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Process documentation options

Miele Professional is now for the first time offering its own complete process documentation package as part of System4Med. This also operates in conjunction with Miele's new washer-disinfectors from the PG 85 series and comprises Segosoft Miele Edition documentation software and tailored communication modules and accessories. This approach guarantees gap-free documentation of reprocessing, representing a clear benefit to patients and healthcare staff alike as well as offering certified legal security.

Comprehensive

The user-friendly Segosoft Miele Edition allows full traceability and secure documentation of washing and disinfection as well as all other processing stages not involving washer-disinfectors (sterilisation, testing, heat-seal pouching).

- Automatic recording of process protocols, routines checks and maintenance work
- Digital and conventional records
- Legally compliant documentation

Flexibility

Depending on the requirements of the installation location, documentation can be performed using two different communication modules.

- RS232 module: Basic solution for small installations, connection of the PRT 100 protocol printer and connection of the Segosoft Miele Edition via USB
- Ethernet module: Standard communication module with extended functionalities (auto-configuration, graphic protocols, update-enabled) and hence particularly suited to direct connection to a PC or a network.

Process documentation options

The new washer-disinfectors offer a variety of approaches to documentation. This makes it possible to tailor systems to meet the various needs of surgeries, outpatient clinics and hospitals.



1. Direct link to a PC

A Miele washer-disinfector is connected direct using the Ethernet module to a computer running the Segosoft Miele Edition. In this case, cable lengths of up to 13 m are possible, allowing the PC to be installed in the same room as reprocessing or in a neighbouring room.

- Short distances and simple handling by approving loads on-site.
- Most flexible approach to connecting two or more units in hygiene room.
- Automatic data transfer from machine to software.



2. Network connection

A washer-disinfector is linked up to the surgery's or hospital's computer network via an Ethernet module. This allows data to be processed on a central PC.

- Use of existing computer for documentation
- Automatic data transfer from machine to software



3. Documentation via USB

Process data is saved on a USB flash memory connected to a washer-disinfector via the RS232 communication module. Data can then be later read out on a PC using the Segosoft Miele Edition and processed.

- Low level of investments in computer and network infrastructure
- Use of existing computer

Segosoft® Miele Edition



4. Process documentation via printer

Process data printouts via PRT 100 protocol printer connected via RS232 communication module. Paper printouts are filed for future reference.

- Particularly simple approach
- Paper-printed protocols
- Long or short protocol format

SegoSoft Miele Edition 7

Apart from the Ethernet module, no further hardware is required to connect a machine to Segosoft Miele Edition 7, (e.g. converters or adapters, etc.). Alongside the online activation of licences and automatic configuration of software for fast and simple commissioning, automatic signature updates are also possible during operation.

- Use with initial or additional licence
- Documentation in PDF/A1 format
- Long-term archiving according to ISO 19005-1:2005
- Level of security certified by BSI (German Office of Data Security)

XKM RS 232 10 Med

- RS 232 module
- Basic USB solution for printer connection
- Memory for up to 25 short/long protocols, no graphic protocols

XKM 3000 L Med

- Ethernet module
- Universal solution for PC and network connection
- Extended functionalities (updates)
- Ring buffer for up to 30 process protocols and 2 graphic protocols



Comparison of documentation options

	Direct PC connection	Network connection	Documentation via USB	Printer
Documentation: Process protocol	•	•	•	•
Documentation: Temperature/pressure charts	•	•	–	–
Documentation: Routine checks	•	•	•	–
Documentation: Maintenance	•	•	•	–
Advanced digital signature with reference to user	•	•	•	–
Manual approval with signature	–	–	–	•
Digital approval with user name/password	•	•	•	–
Convenience of short distances	+++	++	++	+++
Paperless filing	•	•	•	–
Data backup function	•	•	•	–
Production of sterile supply labels	Optional	Optional	Optional	–
Legal security	•	•	•	•
Initial outlay	+++	+++	++++	+

• = available – = not available + = evaluation scale

Miele & Cie. KG,
Gütersloh, Germany
www.miele-professional.com

Forever Better

Since 1899, Miele - a family run company - has subscribed to a corporate philosophy condensed into the two words 'Forever better'. Two words which form the bedrock for the highest of quality and production standards and have given rise to the innovating prowess of a brand 'Made in Germany'. A brand promise which gives commercial users the certainty of having chosen the right product.

Award-winning

An unerring focus by Miele Professional on top quality and dependability is the reason why Miele has been repeatedly voted best and most reliable brand by users. In major consumer surveys, Miele's product brand also comes out top in the 'Fair production conditions' category.

Single-source supplier

Miele Professional offers commercial users durable and long-lasting laundry machines, dishwashers, washer-disinfectors and sterilisers together with accessories and standards of service and pre-sales advice which are of a similar quality. And, if things should go wrong, Miele's after-sales service operation has been acclaimed for many years in succession for its excellence.