

The new generation

A complete system for instrument reprocessing
in dental surgeries



Greater performance.
Greater safety.
Greater convenience.

Quality from Miele Professional – Never be satisfied with less!



In developing reprocessing solutions for dental practices, Miele Professional has attached great significance over the past 50 years to working closely with dentists and instrument manufacturers. A cooperation based on trust and spawning innovations which prove their value in workaday life.

50 **YEARS** Medical Technology

Quality

Your patients rely on your professional skills, so why not in turn place your trust in Miele's proverbial quality! The combination of choice materials, perfect workmanship and mature and sophisticated technology has earned Miele its exceptional reputation in the field of medical technology. And Miele's after-sales service is renowned for its award-winning excellence.

Capacity

Machines from Miele Professional excel in terms of their superior performance. A wide selection of accessories and processes reflecting everyday, practical needs leads to perfect results and high throughput, even in highly specialised applications. This ensures that expensive instruments are ready for use again in next to no time.

Efficiency

Profit on a daily basis from the unique economic proposition machines from Miele Professional represent: They are thorough and fast and are also gentle on materials. Thanks to their high quality, they are also low-maintenance and durable, adding to the value of your investments. The sparing use of water and chemicals further contributes towards keeping operating costs in check.



Developed for daily use: System4Dent, a new approach to professional instrument reprocessing, meets the highest of demands by addressing all aspects of the instrument reprocessing cycle. This systematic approach ensures perfect results whilst reducing the strain on materials and ensuring economic reprocessing in modern-day surgeries.



- Washing and disinfection
Innovative thermal disinfectors with matching process chemicals and customisable features
- Sterilisation
High-performance B-class steriliser for the fast and safe reprocessing of all instruments
- Documentation
Intelligent documentation software for reproducible and uninterrupted process monitoring
- Guarantees:
Miele guarantees the highest of standards in providing advice, financing, after-sales service and validation of the highest Miele quality.





Miele thermal disinfectors – Benefits that pay their way each and every day

1 Washing/Disinfection

Miele thermal disinfectors enable the safe and reproducible cleaning and disinfection of dental instruments. This approach is particularly gentle on materials and is recommended by leading manufacturers such as KaVo and W&H for the reprocessing of transmission instruments.



Greater performance

The new thermal 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.
- 22 transmission or lumened instruments can now be reprocessed in a single cycle (transmission instrument capacity increased by 100% compared with previous series).



Greater safety

The new generation from Miele Professional raises hygiene and safety benchmarks 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 instruments and transmission instruments.
- 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
- 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.

More convenience

An easily accessible salt container in the door and other convenience features simplify 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.
- AutoClose: Gentle pressure against the door is sufficient for it to be drawn closed and locked automatically.
- EcoDry: The door of the PG 8581 automatically opens at the end of a programme thanks to AutoOpen. Hot, moisture-laden air is released, allowing the load to dry and cool down faster.
- DryPlus hot-air drying on the PG 8591 represents an ideal solution when dealing with 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.



Miele thermal disinfectors – Scalable levels of performance



Thermal disinfectors	G 7831	PG 8581	PG 8591
Width [mm]	450	600	600
Height, Depth [mm]	H 850 (820*), D 600	H 835 (820*), D 600	H 835 (820*), D 600
Duration / VarioTD** [mins.]	55	41	39
Load capacity			
Transmission instruments	6	22	22
Saliva extractors	4	22	22
Drying		EcoDry	DryPlus
Electrical connection	AC single-phase	3-phase***	3-phase***

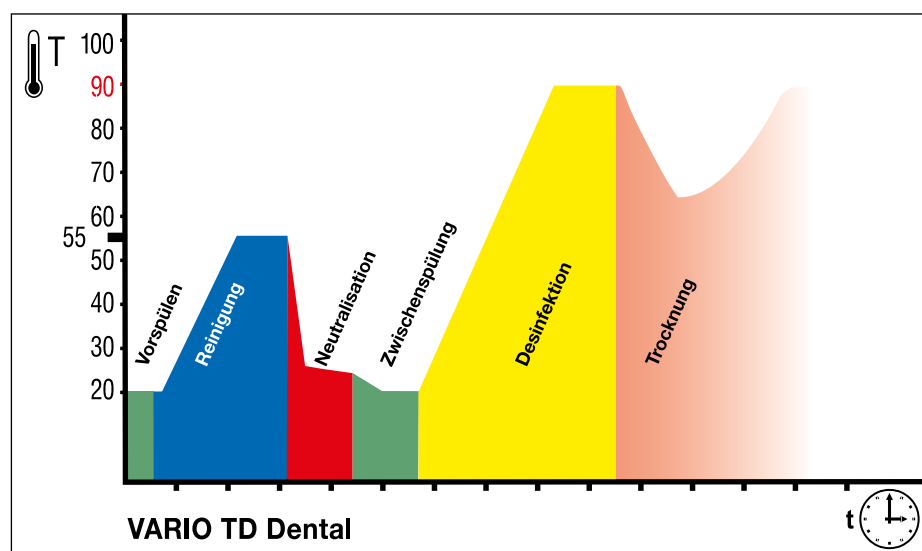
* without lid

** Cleaning and thermal disinfection

*** Single-phase optional

Model	Features:	Mat. no.
G 7831	White panelling, serial interface	6093260
G 7831	Stainless-steel panelling, serial interface,	6093240
PG 8581 AW PD	White casing, 1 integrated dispenser pump, Ethernet module, EcoDry	10121150
PG 8581 AW LD	White casing, 2 integrated dispenser pumps, Ethernet module, EcoDry	10121160
PG 8581 AE LD	Stainless-steel casing, 2 integrated dispenser pumps, Ethernet module, EcoDry	10121170
PG 8591 AW	White casing, 1 integrated dispenser pump, Ethernet module, DryPlus	10121180
PG 8591 AE	Stainless-steel casing, 1 integrated dispenser pump, Ethernet module, DryPlus	10121190

Controls, programmes, cycle times



Vario TD Dental

In the Vario TD Dental programme, pre-cleaning commences at low temperatures to prevent the denaturation of blood residues. After an intensive main wash phase, thermal disinfection then takes place at temperatures in excess of 90°C which are maintained for 5 minutes. In order to protect surgical instruments, the final rinse is ideally performed with

demineralised water without any surfactant added. This programme is suitable for routine reprocessing according to DIN EN ISO 15883 for all thermally stable instruments. This approach is particularly gentle on materials and is particularly recommended for the reprocessing of transmission instruments. Hot-air drying on the G 8591 thermal disinfector ensures the thorough drying of instruments.

SPECIAL 93°C-10'

The SPECIAL 93°C-10' programme is used in the event of an outbreak of a notifiable disease according to German infection control legislation.

According to the Robert Koch Institute, both processes ensure A and B range disinfection (fungicidal and bactericidal action and virus deactivation, including HBV and HIV).

G 7831

Washing and disinfection

	Cycle time	CW	HW	AD	Energy
	mins.	l	l	l	kWh
SPECIAL 93°C-10'	57	21.8	–	–	2
Vario TD	55	30.3	–	–	1.8
Universal	36	23.3	–	–	1.2
Rinse	4	6.5	–	–	0.01

Heating: 3.1 kW (1N AC 230 V, 3.3 kW)

PG 8581

Washing and disinfection

Drying

	Cycle time	CW	HW	AD	Energy	Cycle time	Energy
	mins.	l	l	l	kWh	mins.	kWh
Vario TD Dental	41	37.1	–	9.0	2.5	7	---
Special 93°C-10'	54	41.5	–	14.0	3.8	3	---
Rinse	4	10.0	–	---	---	---	---

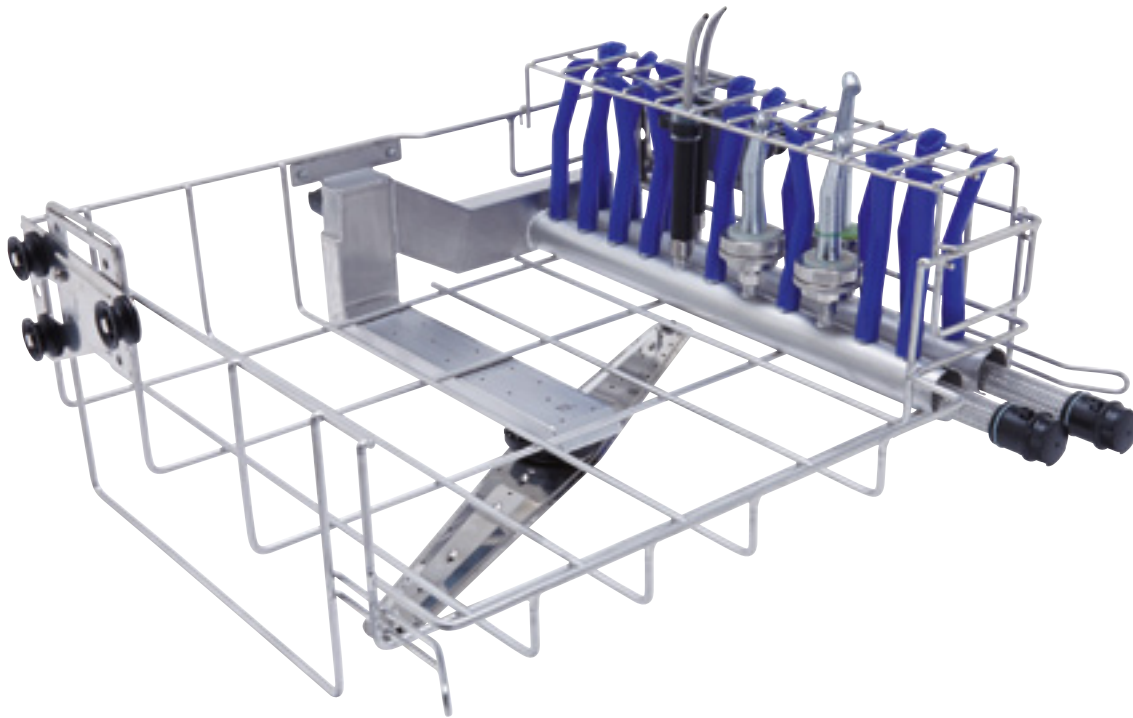
PG 8591

Washing and disinfection

Drying

	Cycle time	CW	HW	AD	Energy	Cycle time	Energy
	mins.	l	l	l	kWh	mins.	kWh
Vario TD Dental	39	18.6	18.5	9.0	2.2	52	0.9
Special 93°C-10'	49	11.9	29.6	14.0	3.0	79	1.4
Drying	–	–	–	–	–	40	0.7

Gentle reprocessing of turbines, hand-pieces and contra-angles



Washing and disinfection preserves values

Miele Professional has come up with a whole host of practical solutions to the demanding task of reprocessing turbines, hand-pieces and contra-angles. The gentlest treatment of materials is guaranteed by the Vario TD programme which maintains temperatures with a high degree of precision and by ProCare Dent process chemicals specially formulated for instrument reprocessing.

- Special-purpose adapters ensure the thorough irrigation of lumens and internal surfaces on turbines, hand-pieces and contra-angles.
- Vario TD Dental reprocessing cycle with low temperature fluctuation to protect materials (93°C, 5 mins.).
- Mildly alkaline or non-mineral ProCare Dent process chemicals for gentle reprocessing according to manufacturers' instructions.
- Up to two integrated dispenser pumps for the precise delivery of non-aggressive liquid detergent.

Accessories for the new generation PG 85 of thermal disinfectors



Innovative accessories have been developed to match the new PG 85 series of thermal disinfectors to make the reprocessing of instruments in dental practices even safer and simpler in future. Alongside new baskets and holders for lumened instruments, new dispenser modules, water pre-treatment products and cupboards and plinths have also been introduced.

Advice

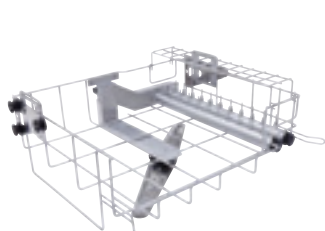
For advice on the ideal features for your thermal disinfectant, please contact your local sales representative or dealer.

Sample PG 8591 feature set

- A 105 upper basket/injector unit
- A 800 central filter
- A 151 lower basket/open front
- A 803 holder for transmission instruments (3 off)
- A 804 cleaning brush
- E 197 insert for micro-instruments
- E 198 insert for 6 mesh trays/kidney dishes
- E 337/1 insert for instruments in upright position
- E 379 insert for various instruments

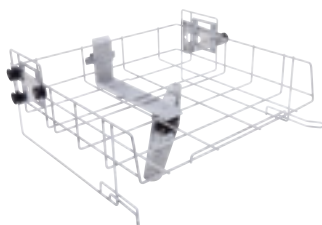
Upper and lower baskets for PG 8581 & PG 8591

Receptacles and filters



A 105 upper basket/ injector unit

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



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



A 151 lower basket/ open front

- For various DIN mesh trays and inserts
- Vertical clearance dependent on type of upper basket used
- H 88, W 529, D 522 mm



A 801

- Adapter for use of AUF 1 and AUF 2 in combination with A 105



A 800 central filter

- For use in A 105 upper basket



A 804 cleaning brush

- For manual cleaning of A 800 central filter



A 803 holder for transmission instruments

- For connection of transmission instruments in A 105 upper basket in combination with A 800 central filter
- Suitable for hand-pieces and contra-angles/turbines

UBS 3 conversion kit (not illustrated)

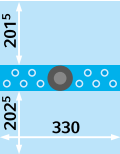
- For use of O 177/1 upper basket in PG 8581 or PG 8591
- Conversion by Service.

Insert	Mat. no.	Art. no.
A 105 upper basket/injector unit	9862390	69.6105.00
A 102 upper basket	9862360	69.6102.00
A 151 lower basket/open front	9862410	68.6151.00
A 800 central filter (for use in A 105)	9960680	68.6800.00
A 803 receptacle for transmission instruments (for use in A 105)	9863100	69.8030.00
A 804 cleaning brush (for use with A 105 and A 800)	9960720	68.6804.00
A 801 adapter (AUF 1/2 with A 105)	9862940	69.3801.00
UBS 3 conversion kit	10131110	69.2150.16

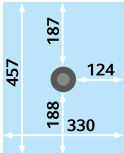
Upper and lower baskets for G 7831



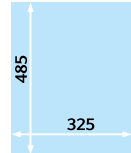
- O 801/2 upper basket/injector unit**
- Front and rear sections free for various inserts, vertical clearance 200 mm
 - Central rack with holders for lumened instruments (e.g. saliva extractors), 10 silicone adapters and 10 nozzles, Ø 4.0 mm, L 30 mm
 - 6 receptacles for hand-pieces/ contra-angles (AUF 2)
 - Requires liquid dispensing
 - Vertical clearance 175 mm
 - Spray arm
 - H 267, W 381, D 475 mm



- O 800/1 upper basket/open front**
- For various inserts
 - Vertical clearance 200 mm
 - Spray arm
 - H 270, W 381, D 475 mm



- U 800 lower basket/open front**
- For various inserts
 - Loading dimensions W 325, D 485 mm
 - Vertical clearance in combination with upper basket:
 - 800/1 approx. 295 mm
 - 801/2 approx. 270 mm
 - H 62, W 385, D 505 mm



Article	G 7831	PG 8581	PG 8591	Mat. no.	Art. no.
O 800/1 upper basket	•			4657890	69.1800.01
O 801/2 upper basket	•			5290520	69.1801.03
U 800 lower basket	•			4660930	69.1800.02

Inserts



E 197 insert 1/6 mesh tray

- For micro-instruments
- Wire mesh, mesh size:
Base 3 mm, sides 1.7 mm,
lid 8 mm
- Can be sterilised in steam
at 121°C/134°C
- H 42, W 150, D 225 mm



E 363 insert 1/6 mesh tray

- Mesh size 1 mm,
with lid
- Without receptacles for
instruments
- H 55, W 150, D 225 mm



E 198 insert 1/2

- For 6 mesh trays/kidney dishes
- 7 holders (6 compartments)
H 160, spacing 66.5 mm
- H 160, W 180, D 495 mm



E 807 insert

- For 3 mesh trays/kidney dishes
- 4 holders (3 compartments)
H 165, spacing 68 mm
- H 144, W 140, D 290 mm



E 802/1 insert

- For instruments in upright
position
- 3 plastic receptacles
8 compartments,
approx. 30 x 28 mm
8 compartments,
approx. 16 x 28 mm
15 compartments,
approx. 16 x 20 mm
- H 113, W 163, D 295 mm

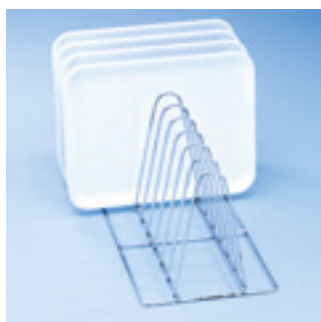


E 337/1 insert 2/5

- For instruments in upright
position
- 4 plastic receptacles
12 compartments,
approx. 22 x 28 mm
4 compartments,
approx. 25 x 28 mm
48 compartments,
approx. 13 x 14 mm
- H 113, W 173, D 445 mm

Insert	G 7831	PG 8581	PG 8591	Upper basket	Lower basket	Insert	Mat. no.	Art. no.
E 197	•	•	•	•	•		7984090	68.5197.01
E 363	•	•	•	•	•		3149790	69.5363.01
E 198		•	•		A 151		7984040	68.5198.02
E 807	•	•	•	O 801/2 upper basket O 800/1 upper basket	U 800 lower basket		7984220	69.5807.01
E 802/1	•	•	•	O 802/1 upper basket O 800/1 upper basket	U 800 lower basket		7984170	69.5802.02
E 337/1		•	•	A 102, A 105	A 151		7984130	69.5337.02

Inserts



E 130 insert 1/2

- For 10 trays
- 11 holders (10 compartments)
H 170, spacing 35 mm
- H 180, W 180, D 445 mm



E 523 insert 1/2

- For mesh trays
- 7 holders (6 compartments)
H 145, spacing 50 mm
- H 151, W 220, D 450 mm



E 339/1 insert 3/5

- For 13 tray bases/trays
- 14 holders (13 compartments)
W 295, spacing 37 mm
- Max. tray size 290 x 20 mm
- H 115, W 305, D 498 mm



E 378 insert 1/1 mesh tray

- Wire mesh,
1.7 mm mesh size
- 2 handles
- H 80 + 30, W 460, D 460 mm



E 379 insert 1/2 mesh tray

- Wire mesh,
1.7 mm mesh size
- 2 handles
- H 80 + 30, W 180, D 445 mm

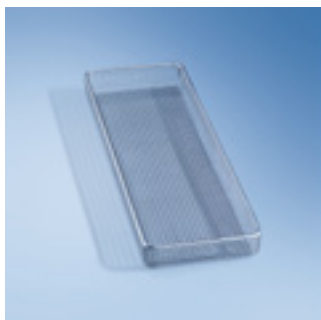


E 806/1 insert

- For 8 tray bases/trays
- 9 holders (8 compartments)
- Max. tray size 290 x 30 mm
- H 114, W 305, D 348 mm

Insert	G 7831	PG 8581	PG 8591	Upper basket	Lower basket	Mat. no.	Art. no.
E 130		•	•		•	2648950	69.5130.01
E 523		•	•		•	5649700	69.5523.01
E 339/1		•	•		•	9233840	69.5339.02
E 378		•	•		•	3203530	69.5378.01
E 379	•	•	•	• (PG 8581 & PG 8591 only)	•	3203500	69.5379.01
E 806/1	•				U 800	9013220	69.5806.03

Inserts



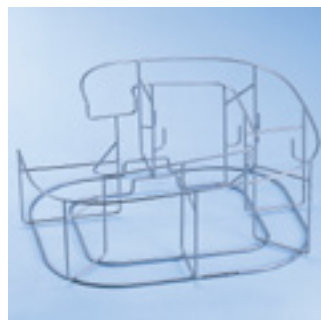
E 430/1 insert 1/3 mesh tray

- For micro-instruments
- Wire mesh, mesh size 5 mm
- H 40, W 150, D 445 mm



E 441/1 insert 1/4

- Mesh tray for micro instruments
- Mesh size 1.7 mm, closed sides, stackable
- Internal divisions with 6 adjustable supports provide the ideal storage for instruments.
- Can be sterilised in steam at 121°C/134°C
- H 60, W 183, D 284 mm



E 413 insert 1/1

- For A 105 upper basket (adapters can be ordered from Sirona dental depots)
- 6 Sirona aspiration tubes
- H 205, W 390, D 450 mm



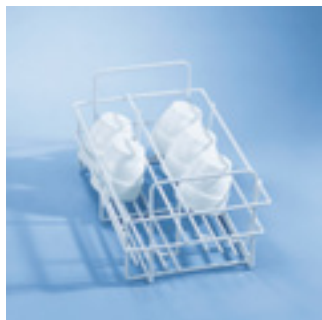
E 520 insert

- For 18 root canal instruments
- Hinged
- Can be sterilised in steam at 121°C/134°C
- H 45, W 75, D 30 mm



E 147/1 insert 1/2

- For 10-12 mouth rinse beakers, max. Ø 80 mm
- Plastic-coated
- H 155, W 220, D 455 mm



E 801/1 insert

- For 8 mouth rinse beakers, max. Ø 75 mm
- Plastic-coated
- H 155, W 200, D 320 mm



E 521/2 insert

- For 7 extraction or orthopaedic molar forceps
- Compartment size 21 x 80 mm
- H 135, W 100, D 189 mm



E 522/1 insert

- 9 holders for dental impression plates
- H 140, W 100, D 190 mm

Insert	G 7831	PG 8581	PG 8591	Upper basket	Lower basket	Mat. no.	Art. no.
E 430/1	•	•	•	•	•	6643200	69.7430.03
E 441/1	•	•	•	•	•	5988240	69.5441.02
E 413		•	•	A 105		3810180	68.7413.01
E 520	•	•	•	•	•	5409080	68.5520.01
E 147/1		•	•	•	•	4746620	68.5147.03
E 801/1	•			•	•	5673820	68.5801.02
E 521/2	•	•	•	•	•	7476430	68.5521.03
E 522/1	•	•	•	•	•	6697010	68.5522.02

Inserts



E 473/1 insert

- Mesh basket with lid for small parts
- For hooking onto mesh trays
- H 85, W 60, D 60 mm



E 491 insert

- Insert for rotating instruments
- For 18 turbine shafts
- For 30 contra-angles
- H 53, W 70, D 120 mm

Leading manufacturers recommend the reprocessing of transmission instruments in Miele thermal disinfectors.



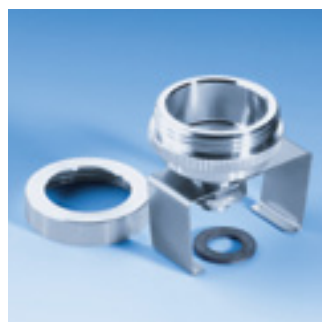
Insert	G 7831	PG 8581	PG 8591	Upper basket	Lower basket	Mat. no.	Art. no.
E 473/1	•	•	•	•	•	5341570	69.5473.02
E 491	•	•	•	•	•	7600210	68.5491.01

Receptacles and filters

Test equipment



- AUF 1**
For G 7881 and G 7891
- Sleeve for transmission instruments in O 177/1 upper basket
 - Consists of: Seal, threaded bush, bracket, filter housing – lower section, upper section, 5 filter inserts



- AUF 2**
for G 7831
- Sleeve for transmission instruments in O 801/2 upper basket
 - Consists of: Seal, threaded bush, bracket, filter housing – lower section, upper section -, 5 filter inserts



- FP filter inserts**
for AUF 1 and AUF 2
- 20 off
 - Porosity 2
 - Diameter 30 mm



- ADS 1 adapter/silicone for AUF 1 and AUF 2**
- Adapter for connection of transmission instruments
 - For hand-pieces and contra-angles/turbines with diameter of approx. 20 mm
 - White



- TK/1 test kit**
- Detects the presence of proteins and monitors cleaning performance
 - Contents sufficient for 48 tests
 - With code strips for reflectometer (reflectometer not provided)
 - Via Spares (Part no. 6157330)



- ProCare protein check**
- Test to determine protein residue after disinfection
 - Proof of protein residue and qualitative evaluation
 - Precise application with indicator pen
 - Short 3-minute exposure time
 - 3 pens per box

- ADS 2 adapter/silicone for AUF 1 and AUF 2**
- Adapter for connection of transmission instruments
 - For hand-pieces and contra-angles/turbines with diameter of approx. 16 mm
 - Green

- ADS 3 adapter/silicone for AUF 1 and AUF 2**
- Adapter for connection of transmission instruments
 - For hand-pieces and contra-angles/turbines with diameter of approx. 22 mm
 - Red

Insert	G 7831	PG 8581	PG 8591	Upper basket	Lower basket	Insert	Mat. no.	Art. no.
AUF 1		•	•	O 177/1 upper basket			5159510	68.5511.01
AUF 2	•			O 801/2 upper basket			5282470	68.5517.01
FP						AUF 1/AUF 2	6059480	69.7512.01
ADS 1, 20 mm Ø						AUF 1/AUF 2	5159530	68.7513.01
ADS 2, 16 mm Ø						AUF 1/AUF 2	5159540	68.7514.01
ADS 3, 22 mm Ø						AUF 1/AUF 2	5159550	68.7515.01
ProCare protein check							9635510	69.9101.02
TK/1 test kit for protein detection							6157330	

Accessories

Water inlet hose	7638510
Connecting pipe	0164212
Hose clip	1627501
Drain hose	1473436

Plinths



UG 30-60/60-85 plinth

- For use on PG 8581 and PG 8591
- Stainless-steel plinth, bolted to machine
- H 300, W 600, D 600 mm



UG 30-90/60-85 plinth

- For use with PG 8581 and PG 8591 in combination with PG 8595 or PG 8596
- Stainless-steel plinth, bolted to machine
- H 300, W 900, D 600 mm

Description	Mat. no.	Art. no.
UG 30-60/60-85	10087350	69.3060.01
UG 30-90/60-85	10087360	69.3090.01

Dispensing accessories



PG 8596 dispenser unit

Housing unit for process chemicals and dispenser modules

- H 835 (820), W 300, D 600 mm
- Compatible with PG 8581, PG 8591
- 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 (L x B x H)

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 products such as alkaline detergents, chemical disinfectants and neutralising
- 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 300 mm siphon for 5 l and 10 l canisters (long siphon)
- Option: Conversion kit, Part no. 5458034, for siphon (10-30 l containers) available from Spares.

Designation	Mat. no.	Art. no.
PG 8596 D AW DOS housing unit	10087330	69.8596.01
PG 8596 D AE DOS housing unit	10087340	69.8596.02
DOS K 85/1	09961080	69.7470.51
DOS K 85	09961070	69.7470.50

Accessories for reprocessing with fully demineralised water



PG 8595 Aqua Purificator

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

- Compatible with PG 8581, PG 8591
- Generally recommended quality for final rinse < 19 µS/cm
- H 835 (820), W 300, D 600 mm
- Freestanding unit, can be built under
- Outer panelling in stainless steel or white

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.



CM ConductivityMeter

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

- Single-line, illuminated display
- 10-point measurement in 0 - 199.9 µS/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

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



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

VE P 2000 water demineralisation cartridge, charged

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

Description	Mat. no.	Art. no.
PG 8595 D AW Aqua Purificator	10087310	69.8595.01
PG 8595 D AE Aqua Purificator	10087320	69.8595.02
SK fast-action coupling for water demineralisation cartridges	09782600	69.4319.01
UfZ conversion kit for spare cartridges	10020100	69.4319.05
CM ConductivityMeter	10008360	69.4500.01
LP 2800 water demineralisation cartridge, empty	09782590	69.4318.05
E 315 disposable resin	03830350	69.4315.01
E 316 refill set	03830360	69.4316.01
VE P 2800 water demineralisation cartridge, charged	09782560	69.4310.05
VE P 2000 water demineralisation cartridge, charged	09773410	69.4311.01

Accessories



Ethernet module XKM 3000 L Med

- Communication module for connection to Segosoft Miele Edition or other process documentation software
 - Ring buffer for up to 30 process protocols and 2 graphic protocols
 - No additional components needed for direct or network connection
 - Supports DHCP (Dynamic Host Configuration Protocol) facilitating automatic selection of network parameters
 - Pre-configured for use of Remote Vision, enabling machine to automatically report faults
 - Baud rate: 10/100 Mbit/s
 - Supply cable length: 1.5 m
 - Cable extension possible
- Included with PG 8581 & PG 8591



Serial module XKM RS232 10 Med

- Standard communication module for connection to Segosoft Miele Edition USB kit or PRT 100 protocol printer
- Ring buffer for up to 25 process protocols
- Adapts protocol length between short and long to customer requirements
- Baud rate: max. 38 kBits
- Supply cable length: 1.5 m
- Cable extension to total length of 15 m possible

Optional for PG 8581 & PG 8591.

Soft water, perfectly matching chemicals – Perfect results

1 Washing/Disinfection



Integrated water softening for plug-and-play experience

Minerals in tap water can interfere with the cleaning process and cause deposits to form on instruments. Miele thermal disinfectors are fitted ex works with a Profi Monobloc water softener which removes the bulk of ions which cause water hardness from tap water. In the case of extremely hard water and in surgeries using large amounts of instruments, additional complete demineralisation may make sound economic sense.

- Optimum chemical action for excellent washing and disinfection
- Preserves the value and functionality of both instruments and machine
- Full demineralisation modules are optionally available

Specially formulated process chemicals

ProCare Dent process chemicals form the basis for the thorough and gentle treatment of expensive instruments. According to recommendations issued by instrument manufacturers, Miele Professional offers specially formulated products for the reprocessing of standard and transmission instruments. Each product is carefully geared to the various phases of the washing and disinfection cycle on Miele thermal disinfectors.

- Effective cleaning and disinfection of standard and transmission instruments
- Extremely gentle on materials and suitable for routine use according to manufacturers' instructions
- Prevents discolouration and reduces the risk of stains
- Improved drying and prevention of scaling
- Precise dispensing with standard and optional dispenser pumps
- Colour coding and indicator system prevents mix-ups

ProCare Dent process chemicals



ProCare Dent 10 MA

- Mildly alkaline detergent, liquid concentrate
- 5 l canister



ProCare Dent 10 A

- Alkaline detergent, liquid concentrate
- 5 l canister



ProCare Dent 11 A

- Alkaline detergent, powder
- 10 kg container



ProCare Dent 30 C

- Acidic neutralisation agent, liquid concentrate
- 5 l canister
- 1 l bottle (with spout for G 7831)



ProCare Dent 30 P

- Acidic neutralisation agent, liquid concentrate
- 5 l canister
- 1 l bottle (with spout for G 7831)



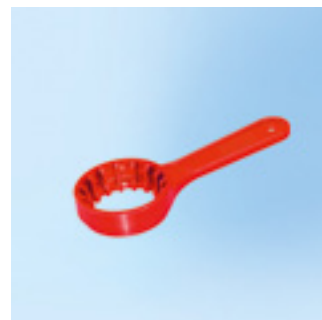
ProCare Dent 40

- Surfactant, liquid concentrate
- 1 l bottle (with spout)



ProCare Universal 61

- Coarse reactivation salt for built-in water softener
- 6 kg package (3 x 2 kg)



Canister key

- Used to open safety caps on 5 l canisters

Article	Container size	Mat. no.	Art. no.
ProCare Dent 10 MA	5 l canister	9313850	66.9132.02
ProCare Dent 10 A	5 l canister	9051960	66.9122.01
ProCare Dent 11 A	10 kg container	9051940	66.9112.01
ProCare Dent 30 C	5 l canister	9052110	66.9153.01
ProCare Dent 30 C	1 l bottle (with spout for G 7831)	9052100	66.9152.01
ProCare Dent 30 P	5 l canister	9052080	66.9143.01
ProCare Dent 30 P	1 l bottle (with spout for G 7831)	9052070	66.9142.01
ProCare Dent 40	1 l bottle	9052130	66.9171.01
ProCare Universal 61	6 kg container	9195780	66.9161.02
Canister key	–	9066810	

ProCare Dent process chemicals

Product	Description	Special notes	Labelling of contents according to VO (EG) 648/2004 guideline	Container sizes
Washing				
ProCare Dent 10 MA	Mildly alkaline detergent, liquid concentrate	<ul style="list-style-type: none"> • Excellent material compatibility • Particularly suitable for transmission instruments 	<ul style="list-style-type: none"> • < 5% non-ionic tensides • Also contains enzymes, preservatives (phenoxyethanol, methyl-, ethyl-, butyl, propyl isopropyl parabene) 	5 l canister
ProCare Dent 10 A	Alkaline detergent, liquid concentrate	<ul style="list-style-type: none"> • High cleaning performance • Not suitable for transmission instruments 	<ul style="list-style-type: none"> • 15-30% phosphates 	5 l canister
ProCare Dent 11 A	Alkaline detergent, powder	<ul style="list-style-type: none"> • High cleaning performance • Not suitable for transmission instruments 	<ul style="list-style-type: none"> • < 5% non-ionic tensides • > 30% phosphates 	10 kg container
Neutralisation				
ProCare Dent 30 C	Acidic neutralisation agent, liquid concentrate	<ul style="list-style-type: none"> • Particularly suitable for transmission instruments • Based on citric acid 	<ul style="list-style-type: none"> • Organic acids 	5 l canister 1 l bottle (with spout for G 7831)
ProCare Dent 30 P	Acidic neutralisation agent, liquid concentrate	<ul style="list-style-type: none"> • Not suitable for transmission instruments • Based on phosphoric acid • Removes tarnishing and soiling removable with acids 	<ul style="list-style-type: none"> • Inorganic acids 	5 l canister 1 l bottle (with spout for G 7831)
Rinse				
ProCare Dent 40	Surfactant, liquid concentrate	<ul style="list-style-type: none"> • Improved, shorter drying cycles 	<ul style="list-style-type: none"> • < 5% phosphonates • 15-30% non-ionic tensides • also contains preservatives (methyl chlorisothiazolinone / methyl isothiazolinone) 	1 l bottle (with spout)
Reactivation				
ProCare Universal 61	Coarse reactivation salt for built-in water softener	<ul style="list-style-type: none"> • Prevents scaling and protects loads 		6 kg container (3 x 2 kg)



Recommendation for routine reprocessing of standard instruments

Vario TD programme

Detergent: ProCare Dent 10 A liquid detergent or ProCare Dent 11 A powder detergent

Neutralisation: ProCare Dent 30 P

Final rinse: ProCare Dent 40



Recommendation for routine reprocessing of standard and transmission instruments

Vario TD programme

Detergent: ProCare Dent 10 MA liquid detergent

Neutralisation: ProCare Dent 30 C

Final rinse: ProCare Dent 40

THE LANCET
PUBLISHED WEEKLY

1
2
3
4
5
6
7
8
9
10
11
12



New: PS 1201B EXCELLENCE small steam steriliser

Safe instrument reprocessing



Miele Professional's long reputation for top quality is based on its experience and power of innovation in all areas of cleaning and disinfection. This tradition now finds its sequel in the new PS 1201B EXCELLENCE small steam steriliser from Miele: Innovative technology ensuring top-class performance combined with exceptional levels of safety and economic operation.



High capacity and throughput

- Very short process times, e.g. 21 mins./134°C in Universal programme (incl. drying)
- 20 l chamber volume for up to 6 kg of goods per cycle
- QuickStart function saves time in day-to-day surgery use



Excellent drying

- Powerful vacuum pump and jacket chamber heating
- Fast and residue-free drying of sterile goods and steriliser chamber



Integrated water treatment

- Plumbed-in unit with WaterProof system (WPS)
- Automatic demineralisation of tap water - no need for bottled supply
- Integrated reverse osmosis unit for water for steam generation

Miele small steam sterilisers – Powerful and professional



Small steam steriliser	PS 1201B
Design	Countertop unit (min. countertop depth: 50 cm)
Dimensions [mm]	H 542, W 565, D 620
Dimensions: Steriliser chamber [mm]	Ø 250, D 400
Load capacity	6 kg instruments, max. 2 kg porous load
121°C Universal [mins.]*	33
134°C Universal [mins.]*	21
134°C Unwrapped [mins.]*	13
134°C Prions [mins.]*	35
Test programmes	Helix-B&D test, vacuum test
Process documentation	Serial interface
Electrical connection	AC 230 V 50 Hz, Supply lead approx. 2 m
Water connections	Plumbed-in model with Waterproof System, drainage
Compliance with standards	DIN EN 13060, EN 1717, EN 61010-1, EN 61010-2-040, EN 61326-1

* Cycle time incl. drying



NEW: Perfect TouchControl interface

- Touch-sensitive controls
- Chemical-resistant glass screen
- Facilitates wipe disinfection
- Faster programme launch with QuickStart

Safe machine technology

- Double-skinned pressure chamber with full-surface jacket steam heating, otherwise the preserve of large steam sterilisers
- Optimum temperature distribution throughout the chamber for the safe sterilization of all instruments used in dental practices

Supplied with machine:

- ZS 110 6/3 tray holder for the reprocessing of 6 trays or up to 3 containers (max. W 190 x D 340 x H 48 mm)
- ZS 131 tray, 3 off
- Tray handle
- Inlet and drainage hoses, supply lead

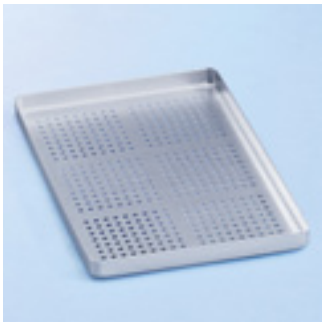
Optional accessories:

- ZS 111 6/2 tray holder for the reprocessing of 6 trays or up to 2 containers (max. W 190 x D 340 x H 65 mm)
- ZS 150-1 Helix test
- ZS 171 Door gasket
- ZS 172 Sterile air intake filter
- Process documentation

Accessories



ZS 111 Tray rack 6/2
• For 6 x ZS 131 trays or 2 containers, max. height 65 mm



ZS 131 Tray
• H 20, W 184, D 285 mm



ZS 150-1 Helix Test
Steam penetration checked with chemical indicator as process control on small steam sterilisers. Colour-change indicates results
1 process challenge device and 250 indicators

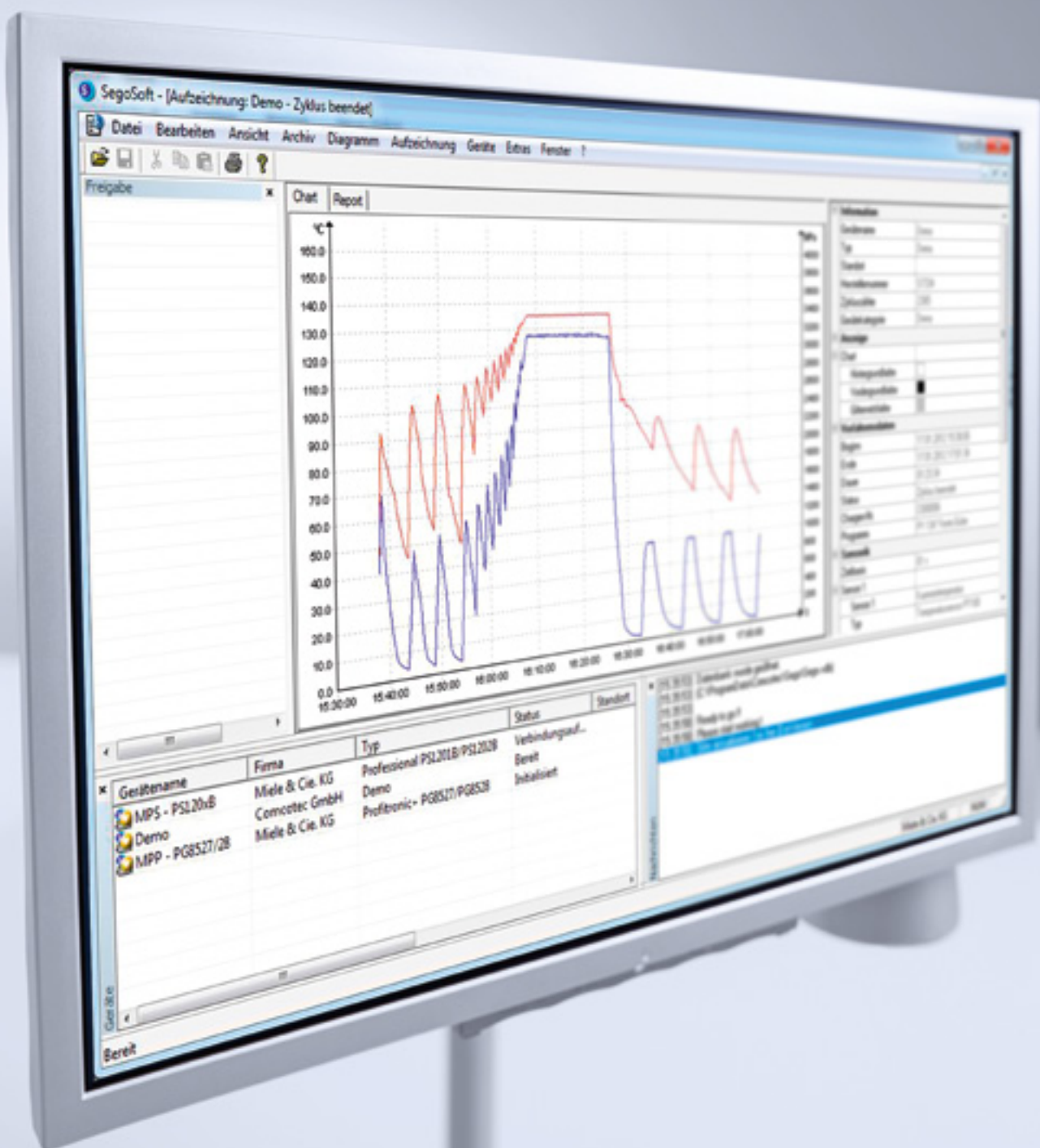


ZS 172 Sterile air intake filter



ZS 171 Door gasket

Article		Mat. no.	Art. no.
PS 1201B EXCELLENCE	Small steam steriliser	9585440	63.1201.02
Small steam steriliser price includes on-site validation during commissioning by Miele Service.			
ZS 111	Tray holder 6/2	7876500	68.9111.01
ZS 131	Tray	7876510	68.9131.01
ZS 150-1	Helix test	09910260	68.9150.02
ZS 171	Door seal	7984812	
ZS 172	Sterile air intake filter	7657370	68.9172.01
ZS 173	Special spindle grease	7956470	68.9173.01
ZS 135	LC 117 ion exchange unit (set)		
The cartridge in the ion exchanger should be routinely replaced every 3 years or 2,250 cycles.			



Gap-free documentation – A systematic approach to safety

The reproducible documentation of reprocessing not only gives dentists the peace of mind of knowing that they are on the right side of the law. It also facilitates the protocolling of individual process stages for detailed analysis later and therefore lends itself to particularly effective quality management – a real benefit for patients and the surgery team alike.

Segosoft® **Miele Edition**



Customised documentation options

System4Dent offers various documentation solutions, catering for the individual needs of surgeries and technical standards on site. The heart and soul of the documentation system is Segosoft Miele Edition software. Meticulously crafted to take on board everyday needs, this software guarantees the reproducible, manipulation-proof and legally valid documentation of instrument reprocessing.

SegoSoft Miele Edition 7

Segosoft Miele Edition 7 is currently the only process documentation software in the medical sector to carry the stamp of approval of the German Federal Office for Information Security (BSI) according to Common Criteria. This certification represents an endorsement of high security standards and data trustworthiness from an independent state authority according to internationally accepted criteria. Segosoft 7 represents certified software and a future-proof product. For the first time, Segosoft has been classified as an active Class IIb medical product throughout Europe. This approach is both holistic and comprehensive and unique in the field, offering updates, complete technical and user support by e-mail, telephone and remote maintenance by Miele's partner company Comcotec. technischer und anwenderbezogener Unterstützung per E-Mail, Telefon und Fernwartung durch die Partnerfirma Comcotec.

Electronic documentation: Direct connection between PC and machine.

Miele thermal disinfectors and small steam sterilisers are connected direct by cable (max. length 13 m) to a computer (netbook, laptop or PC) on which documentation software is installed. This can be a separate computer in the room where reprocessing takes place or a computer installed in a neighbouring room.

Electronic documentation: Network connection

Thermal disinfectors and small steam sterilisers are connected to a surgery network computer hosting documentation software, e.g. to the central computer at the reception desk. After transmission, protocolled data can be archived for future reference.

Electronic documentation using USB stick

Process data from a thermal disinfectant or small steam steriliser can be saved to a USB stick for subsequent transfer to a computer where the appropriate documentation software is installed.

Process documentation via printer

Process data is printed using a receipt printer in the hygiene room. Long-term archiving is performed by filing the printouts.



Process documentation, Documentation options



Software for sterile supply labelling

SegoLabel Miele Edition software simplifies the production of sterile supply labels considerably. The labels are produced using a special printer after sterilisation and labels include batch. no., creation and expiry dates and the name of the employee responsible. It is also possible to include information on pouch contents. Labelling using a barcode allows the simple assignment of process data to patient records later – furnishing proof of the sterility of the instruments used in surgery.

SegoLabel Miele Edition: Starter kit

Complete package consisting of hard- and software to create sterile supply labels. Miele recommends the use of SegoLabel in combination with SegoSoft Miele Edition.

Scope:

- Software CD, installation instructions
- PRT 200 label printer incl. converter (cable length: 3.8 m) and USB cable (length 2 m)
- 1 roll of labels, 1,000 off, and colour ribbon (both also available from Miele as accessories)



SegoAssign Plus:

Link-through to patients' files

SegoAssign Plus - new to the sales portfolio - links SegoSoft Miele Edition with patient management systems, offering the benefits of a simple, paperless and fast assignment of processed loads to patients. SegoAssign Plus integration into all common surgery and patient management systems is via the standardised VDDS Media interface propagated by the Association of Germany Dental Software Companies (VDDS). Cycle data can be called up using surgery software from any treatment room within a practice, whereby data can be automatically transferred

to a patient's file automatically by opening the SegoAssign Plus screen in a patient's file. By reading in the existing barcode labels with a scanner, cycle data such as that relating to sets or individual instruments can be assigned to a specific patient. The direct accessibility of SegoAssign Plus from a digital patient file allows the reconstruction at any time of the sterilisation cycle parameters used to reprocess instruments used on a particular patient. In the event of an audit by health authorities or a court case, this allows proof to be furnished of proper instrument reprocessing with respect to an individual patient.

	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 user reference	•	•	•	–
Manual approval with signature	–	–	–	•
Digital approval with user name/password	•	•	•	–
Convenience of short distances	+++	++	+	++
Paperless filing	•	•	•	–
Data backup function, e.g. on server	•	•	•	–
Production of sterile supply labels	Optional	Optional	Optional	–

• = available – = not available + = evaluation scale

Process documentation: Connection options



Electronic documentation: Direct connection between PC and machine

Miele thermal disinfectant or small steam steriliser connected direct by cable to a computer (netbook, laptop or PC) on which documentation software is installed.

PC location:

Hygiene room or alternative use of existing PC in neighbouring room (max. cable length: 13 m)

Machine connection:

Connection via serial cable (Option 1) or network cable (Option 2), depending on machine interface



Electronic documentation: connection to surgery network

Thermal disinfectant or small steam sterilisers are connected to a surgery network computer hosting documentation software, e.g. central computer at reception desk.

Machine connection:

Connection via network converter (Option 3) or network cable (Option 4), depending on machine interface



Electronic documentation using USB stick

Process data from thermal disinfectant or small steam sterilisers can be saved to a USB stick for subsequent transfer to documentation software.



Process documentation via printer

Process data output via receipt printer for manual filing.

Product	Mat. no.	Art. no.
SegoSoft Miele Edition (initial licence) ¹	10019070	68.8120.02
SegoSoft Miele Edition (additional licence) ¹	10019160	68.8130.02
SegoSoft Miele Edition, USB ¹	10019220	68.8110.08
SegoAssign Plus	10106600	68.8141.01
Bracket for USB module, Net500 network converter, Serial Industrial Converter	9573570	68.8110.04
Notepad for approval of medical products, 10 off	9573550	68.8110.03
Connection cable, serial, length 3 m (Type 1)	7951420	68.8152.01
Connection cable, serial, length 3 m (Type 2)	7951410	68.8151.01
USB serial adapter cable	7951460	68.8156.01
Serial Industrial Converter (2 x serial, 1 x USB, galvanic separation; for serial direct connection of 2 machines)	9574000	68.8156.02
Extension cable 3 m (Type 3) for connection cable Type 1 or Type 2	7951430	68.8153.01
Extension cable 5 m (Type 4) for connection cable Type 1 or Type 2	7951440	68.8154.01
Extension cable 10 m (Type 5) for connection cable Type 1 or Type 2	7951450	68.8155.01
Gender-changer adapter for Hawo heat-seal unit	7986870	68.8155.06
Melag connection cable (Vacuklav 24, 31, Autoclav 25), Length 3 m, in addition to Type 1 connection cable	9573240	68.8125.05
Adapter W&H (Lisa 317, 322, 517, 522), Length 3 m, in addition to Type 2 connection cable	9553890	68.8125.03
Adapter W&H/Madrimed (Lisa MB17, MB22, Madrimed), Length 3 m, in addition to Type 1 connection cable	9554370	68.8125.04
Network converter Net500 (RS 232 to RJ45 network)	9687440	68.8159.02
Network cable, length 3 m (network connection) (Type 6)	7951470	68.8157.01
Network cable, length 5 m (network connection) (Type 7)	7951480	68.8157.05
Network cable, cross-over, 3 m (direct PC link) (TYPE 8)	7951490	68.8158.01
Network cable, cross-over, 5 m (direct PC link) (TYPE 9)	7951500	68.8158.05
PRT 100 protocol printer	7951540	68.8170.01
Printer cable for PRT 100 printer	6095260	68.8172.01
Adapter for PRT 100 printer cable	9573970	68.8155.07
Printer cartridge for PRT 100	9063390	68.8170.02
Paper rolls for PRT 100, 5 off, width 57 mm	9063410	68.8170.03
SegoLabel starter kit, incl. software/printer/labels	7951400	68.8140.01
Colour ribbon for PRT 200 label printer	7951520	68.8161.01
Labels, 1 roll with 1,000 labels for PRT 200 label printer	7951530	68.8162.01

All features at a glance

Process documentation							
		Direct connection between PC and machine		Connection via surgery network		Documentation using USB stick	Printer
		Option 1:	Option 2:	Option 3:	Option 4:		
		Connection of PC to machine via serial interface	Connection of PC to machine via machine network interface	Network connection to machine with serial interface	Network connection to machine with machine network interface		
		e.g. Miele thermal disinfectant G 78xx/ small steam sterilisers	e.g. Miele thermal disinfectant G 85xx (with XKM 3000 L Med)	e.g. Miele thermal disinfectant G 78xx/ small steam sterilisers		e.g. Miele thermal disinfectant G 78xx, PG 85xx (with XKM RS232 10 Med)/ small steam steriliser	
Software	Mat. no.						
Segosoft Miele Edition ¹ (initial licence)	10019070	x	x	x	x		
Segosoft Miele Edition ¹ (additional licence)	10019160	Optional	Optional	Optional	Optional		
SegoSoft Miele Edition, USB ¹	10019220					x	
Hardware							
Connection cable Type 1, serial, 3 m	7951420	x (Type 1 or Type 2, depending on machine type, cf. P. 32)		x (Type 1 or Type 2, depending on machine type, cf. P. 32)			
Connection cable Type 2, serial, 3 m	7951410						
Serial Industrial Converter	9574000	x					
Extension cable Type 3, 3 m for connection cable Type 1 or Type 2	7951430	Optional					
Extension cable Type 4, 5 m for connection cable Type 1 or Type 2	7951440	Optional					
Extension cable Type 5, 10 m for connection cable Type 1 or Type 2	7951450	Optional					
Network converter Net500 (RS 232 to RJ45 network)	9687440			x			
Network cable Type 6, 3 m (network connection)	7951470			x (Type 6 or 7, depending on required length. Machine type, cf. P. 33)	x (Type 6 or 7, depending on required length. Machine type, cf. P. 33)		
Network cable Type 7, 5 m (network connection)	7951480						
Network cable Type 8, cross-over, 3 m (PC direct connection)	7951490		x (Type 8 or 9, depending on required length. Machine type, cf. P. 33)				
Network cable Type 9, cross-over, 5 m (PC direct connection)	7951500						
PRT 100, protocol printer, serial interface	7951540						x
Printer cable 15 m, serial for PRT100 printer	6095260						x
X = required, ¹ Recommended additional service: Service card (software maintenance/support)							

Process documentation: Article overview



SegoSoft Miele Edition:
Process documentation software for use in direct PC connections or network connections

Scope

- Software CD*, Comfort Plus software package, installation instructions, licence card for 1 machine
- Optional: Additional licence for further units (cf. additional licence)

Max. number of connections

- Serial connection: 4 machines
- Network connection: Any number of machines

Data transmission

- Direct connection of machine and PC or machine and surgery network (Options 1-4)

Machine compatibility:

- Miele thermal disinfectors/small steam sterilisers
- Machines from following manufacturers: Melag, Sirona, W&H, others on request



SegoSoft Miele Edition:

Additional licence

- Additional licence for documentation software with Comfort Plus software package:
- Additional licence for connection of 2 or more machines

Scope

- Licence card



Connection cable (Type 1)

3 M serial connection cable
For use on:

- PC direct connection Option 1
Connection of PC to machine via serial interface
- Network connection Option 3
Connection of serial machine interface with Net 500 network converter

Machine compatibility:

- Miele thermal disinfectors
- G 7831, G 7881, G 7891, PG 8581, PG 8591
- Miele small steam steriliser Melag
- Cliniklav 25
- Euroklav 23-S, Euroklav 23V-S
- Euroklav 23S+, Euroklav 23VS+
- Euroklav 29VS+, Euroklav 29V-S
- Vacuklav 23-B, Vacuklav 24-B
- Vacuklav 24B/L, Vacuklav 24B/L+
- Vacuklav 30-B, Vacuklav 31-B
- Vacuquick 13-B, Vacuquick 14-B
- Vacuklav 23B+, Vacuklav 24B+
- Vacuklav 30B+, Vacuklav 31B+
- MELAtronic 15EN
- MELAtronic 17EN
- MELAtronic 23EN
- Sirona
- DAC Professional W&H
- Lisa MB 17, Lisa MB 22
- Hawo heat-seal units, additional adapter necessary (Mat. no. 7986870)

Connection cable (Type 2)

3 M serial connection cable

For use on:

- PC direct connection Option 1
Connection of PC to machine via serial interface
- Network connection Option 3
Connection of serial machine interface with Net 500 network converter

Machine compatibility:

- Sirona
- DAC Universal, DAC 2000, Siroclave B, Siromini B W&H
- Lisa 317, Lisa 517, Lisa 322, Lisa 522



SegoSoft Miele Edition:

USB solution

Process documentation software for data transfer using USB stick

Scope

- Complete package for 1 machine: Software CD*, Comfort Plus software package, installation instructions, USB data logger module incl. 230 V converter, 1.4 m supply lead, serial interface cable for connecting machine and data logger (cable length: 3 m)
- USB stick
- Dimensions (H x L x W): 31 x 90 x 109 mm

Machine compatibility:

- Miele thermal disinfectant with Novotronic controls (G 7831, G 7881, G 7891, PG 8581, PG 8591), Miele washer-disinfectant with TouchControl controls (PG 8581, PG 8591) and Miele small steam steriliser



SegoAssign Plus:

- Optional licence links SegoSoft Miele Edition with patient management systems, offering the benefits of a simple, paperless and fast assignment of processed loads to patients.

Scope

- Licence card

* System requirements for all software systems

- CPU rate of at least 1.6 GHz, 2.0 GHz or higher recommended
- SVGA graphics with 1024 x 768 pixels, 17" monitor or larger
- Memory at least 1 GB, 4 GB recommended
- 1 GB free memory, 10 GB or higher recommended
- CD/DVD-ROM drive for installation
- Min. 2 USB ports, 3 recommended, network interface

Operating systems:

- Windows 7 Professional, Windows 8.1
- Adobe Acrobat Reader, Version 6.0.2 or higher, Version 9.0 or higher recommended

Additional services mandated by Miele Service Partner:

Service Card and appropriate services

- Update of digital signature extending legal validity by 2 years
- Telephone support, software updates for 1 year
- Flat-rate fee per surgery: € 215 (excl. SegoAssign Plus)
- Flat-rate fee per surgery: € 295 (incl. SegoAssign Plus)

Note: Legal validity of digital signature in SegoSoft Miele Edition expires 2 years after installation. An extension of the legal validity of the digital signature is charged to clients. (Flat-rate fee per surgery: € 215)

Process documentation: Article overview



USB serial adapter cable

For connecting serial cable to PC USB interface, length: 0.8 m

For use on:

- Cable Types 1 to 5



Net500 network converter

- Connection of machines with serial interface to a surgery network (network connection as per Option 3)
- Converts serial data (RS 232) to network protocol (TCP/IP)

Scope

- Transformer/rectifier unit
- Supply lead length 1.4 m
- Dimensions (H x L x W): 31 x 90 x 109 mm

Connection cable for Net500

- Machine cable: Serial connection cable (Type 1 or 2, depending on machine) for connection of Net500 to machine
- Network cable: (Type 6 or 7, depending on required length) for connection of Net500 to surgery network



Network cable Type 6 and Type 7 for network connection

For use on:

- Option 3: For connection of Net500 network converter to surgery network
- Option 4: Connection of one machine with network interface to in-house network
- Network cable 3 m (Type 6)
- Network cable 5 m (Type 7)

Note: Type 8 or Type 9 used for network connection of Melag sterilisers



Extension cable Types 3-5 for connection cable Type 1/2

- For extension of connection cables Type 1 and 2
- Extension cable, serial, 3 m (Type 3)
- Extension cable, serial, 5 m (Type 4)
- Connection cable, serial, 10 m (Type 5)

Machine compatibility:

- For use with all models with serial interface



PRT 100 protocol printer

- Printer for printing process protocols
- Ink-jet printer with indelible ink

Machine compatibility:

- All Miele thermal disinfectors/ small steam sterilisers
- Miele PG 8581 and PG 8591 washer-disinfectors only in conjunction with XKM RS232 10 Med serial communication module

Printer cable for printer PRT 100

- Printer cable length: 15 m
- Cable to be ordered separately

Cartridges, paper rolls

- Printer cartridge for PRT 100
- Paper rolls, for PRT 100, 5 off



Serial Industrial Converter

- For serial connection of max. 2 Miele thermal disinfectors/small steam sterilisers
- USB connection between Serial Industrial Converter and PC
- Galvanic separation of all connections

Scope

- Transformer/rectifier unit
- Supply lead length 1.4 m
- USB cable 0.5 m

Machine compatibility:

- Miele G 7831, G 7881, G 7891 thermal disinfectors/small steam sterilisers
- Dimensions (H x L x W): 31 x 90 x 109 mm
- Machines from other manufacturers on request



SegoLabel Miele Edition: Starter kit

- Complete package consisting of hard- and software to create sterile supply labels

Scope

- Software CD*, installation instructions, PRT 200 label printer incl. converter (cable length: 3.8 m) and USB cable (length 2 m)
- 1 roll of labels à 1,000 labels
- Colour ribbon

Colour ribbon

- Colour ribbon for PRT 200 label printer

Labels

- Labels for PRT 200 label printer

Scope

- 1 roll of labels à 1,000 labels



Service excellence – Functional safety and preservation of values



System4Dent is nicely rounded off by a broad range of advisory services and strong on-site after-sales service. Here, too, Miele sets the highest of standards. It is not without reason that Miele's after-sales service operation has been acclaimed for many years in succession for its service excellence.



Miele service contracts

Inspection contract

- Inspection

Maintenance contract

- Inspection
- Maintenance

Full-service maintenance contract

- Inspection
- Maintenance
- Repairs

Machine qualification

Initial validation

- Installation qualification
- Operation qualification
- Performance qualification

Revalidation

- Renewed performance qualification

Performance inspections

- Performance qualification according to risk analysis

Comprehensive service from the very start

Even before a machine is installed, Miele's sales force is available to provide dentists with in-depth advice. Experienced experts assist in selecting the most suitable machines and configurations to suit individual needs. On request, feasibility calculations can be provided, along with tailored financing packages.

Miele also offers a series of process checks performed by highly qualified Miele medical product engineers in accordance with the relevant legislation and standards as well as national guidelines and good-practice recommendations: Process validation is carried out by engineers who are specialised in medical devices, in accordance with legal requirements and national guidelines and recommendations.

Service to meet professional expectations

Highly qualified medical device engineers support customers with the installation and commissioning of their machines and perform routine tests during use. This pre-emptively avoids downtimes and helps optimise operating parameters. And, not least, regular checks and maintenance preserves the value of machines.

- Quality service through blanket network of medical device engineers (more than 180 technicians in Germany alone)
- Short response times and on-site servicing within 24 hours
- 90% of service calls result in first-time fixes
- Reliable spares service, key functional parts available for 15 years after series production ceases.

Customised service contracts and inspections

Miele Professional offers a series of tailored service contracts to suit individual needs. During the term of the contract, machines are regularly inspected by Miele's own specialised service technicians. Depending on the type of contract, this includes a functional and safety analysis covering all key components and the replacement of parts. Scheduled inspections and maintenance appointments prevent breakdowns, extend the working life of machines and contribute towards safeguarding investments.



'My patients rely on my professionalism and skill every day. It's good to know that I can depend on Miele Professional – both as a dentist and as a businessman.'

Dr. med. dent. Jan Kersken

Miele Professional – Quality and service for professionals



Decades of experience, an unerring pursuit of quality and the power of innovation means that Miele sets the benchmark. High-performance thermal disinfectors from Miele Professional are already recommended by several leading manufacturers for the reprocessing of their instruments. Now, Miele's small steam steriliser and System4Dent further enhance Miele's holistic system to ensure high-level and standardised results throughout the entire instrument reprocessing cycle.

Capacity

- Thorough yet gentle reprocessing with dependable results
- Processes engineered to reflect the needs of both machines and instruments
- All-in system from one single supplier consisting of perfectly matching components (machines, chemicals, software, service)

Quality and economic operation

- Highest-quality materials and workmanship
- Superior product longevity and reduced need for maintenance
- Short cycle times and sparing use of resources

Safety and convenience

- Ergonomic controls for stress-free everyday use
- Convenient navigation avoids mistakes on the part of the user
- Large, easily surveyed display using plain text
- Fully automatic protocolling and documentation of reprocessing

Service

- Excellent Miele in-house service operation offering blanket coverage.
- Comprehensive advisory services covering planning, requirement assessment and financing.
- Customised service contracts guaranteeing functional safety and preserving values.



Miele & Cie. KG
Miele Germany
Carl-Miele-Straße 29, D-33332 Gütersloh
P.O. box, D-33325 Gütersloh

info@miele.de
www.miele-professional.de



Forever Better

Miele has remained true to its corporate philosophy since 1899. 'Immer besser', two words which represent the bedrock of Miele's high quality standards, providing clients with the security of knowing that they have chosen the right product.