

Miele

Thermal disinfectors and accessories for dental practices

Miele Professional. Immer Besser.



NEW: PWD 8531 & PWD 8532
The compact thermal disinfectors

Quality from Miele

Never be satisfied with less



For 55 years, Miele Professional has consistently focused on working closely with dentists and instrument manufacturers when developing reprocessing solutions for dental practices. This cooperation is based on a spirit of trust and innovation, with results that prove their worth day in, day out.

Quality

Your patients trust your professional expertise – so why not place your trust in Miele's renowned 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 this is equalled by the quality of service which has won Miele numerous awards over the years.

Performance

Thermal disinfectors from Miele Professional excel in terms of their superior performance. A wide range of model versions and practical procedures naturally achieve perfect results and a high throughput, even for special applications. This ensures that expensive instruments are ready for use again in next to no time.

Efficiency

Benefit from excellent efficiency every day: products from Miele Professional are thorough and fast, affording top-rate protection to materials in the process. Thanks to their high quality, they also require little maintenance and are highly durable, safeguarding your investments in many respects. In addition, the efficient use of water and chemicals helps to ensure low operating costs.



With Miele Professional, you are choosing top performance and quality. High-quality products which rise to meet expectations each and every day are the reason for the trust professional users place in our company:
97% of all customers* claim they would buy from Miele Professional again next time round.

Dependability

For four generations, Miele has carried a special responsibility as a family-run company towards its customers, its business partners and its employees, as well as for its products, processes and natural resources.

- Product development with a clear focus on quality, durability and sustainability
- Ground-breaking innovations 'Made in Germany'
- Award-winning ergonomics, functionality and product design
- Entire systems from a single supplier
- Low operating costs over the entire product life cycle
- Highly commended after-sales service offering blanket coverage and a fast response

55
YEARS Medical Technology



The right equipment for your application

Our product portfolio

The all-rounder

Our bestseller is a universal solution for cleaning and disinfecting dental instruments. The combination of the spray pressure, sensors and application-specific programmes in the PG 8581 thermal disinfecter guarantees outstanding reprocessing results.



The exclusive option

The PG 8591 thermal disinfecter provides exceptional performance, efficiency and safety when it comes to cleaning, disinfecting and drying dental instruments. Thanks to the active DryPlus hot air drying feature with HEPA filtering, this is the ideal solution for reprocessing intricate and narrow-lumened instruments.

The compact option

Good things come in small packages – the new PWD 8531 thermal disinfectors achieve safe, top-class reprocessing results while also enabling flexible positioning. With their compact design, our new thermal disinfectors can be placed on top of any run of units even in small hygiene rooms.

The ergonomic option

The new PWD 8532 thermal disinfectors provide an ergonomic working height for convenient loading and unloading, without the need to stoop or bend. Furthermore, two 5 l canisters of process chemicals can be stored in the plinth in order to save space.



PWD 8531 'The compact option' & PWD 8532 'The ergonomic option'

Product highlights 12
 Machine overview..... 14

PG 8581 'The all-rounder' & PG 8591 'The exclusive option'

Product highlights 18
 Model overview 20

Accessories

Accessory overview 24
 Accessories for PWD 8531, PWD 8532 26
 Accessories for PG 8581, PG 8591 29
 Cross-product accessories 38

Process chemicals

ProCare Dent 42

Process documentation

Possible applications 46
 Components and accessories..... 48

Service

Functional safety and preservation of value 57

Hygiene room

Installation examples



Hygiene room with continuous run of units

With this arrangement, reprocessing occurs along a continuous run of units. The unclean side includes a sink and a thermal disinfectant. Chemicals, depending on the model, can be accommodated in a base unit, in the integrated tank, in the machine plinth or in a proprietary Miele dispensing unit. A glass panel separates this area from the clean side, with a small steriliser, process documentation and a printer for sterile goods labels.



Hygiene room

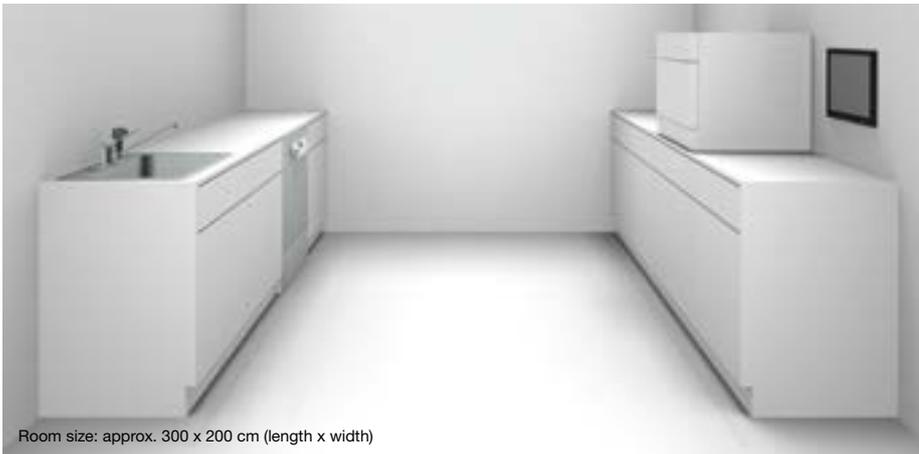
Installation examples



Hygiene room with L-shaped run of units

The L-shaped hygiene room offers additional elbow room and storage space. The unclean side with the sink and thermal disinfectant is separated even more distinctly from the clean side with the small steriliser, process documentation and label printer through the angled configuration.

Room size: approx. 250 x 250 cm (length x width)



Hygiene room with 2 separate runs of units

This is the optimum solution for practices with a large amount of space and several practitioners. The unclean side with sink and thermal disinfectant is physically separated from the clean side with the steriliser, documentation and label printer. Cabinets on both sides create space on the worktop and further reduce the risk of cross-contamination.

Room size: approx. 300 x 200 cm (length x width)

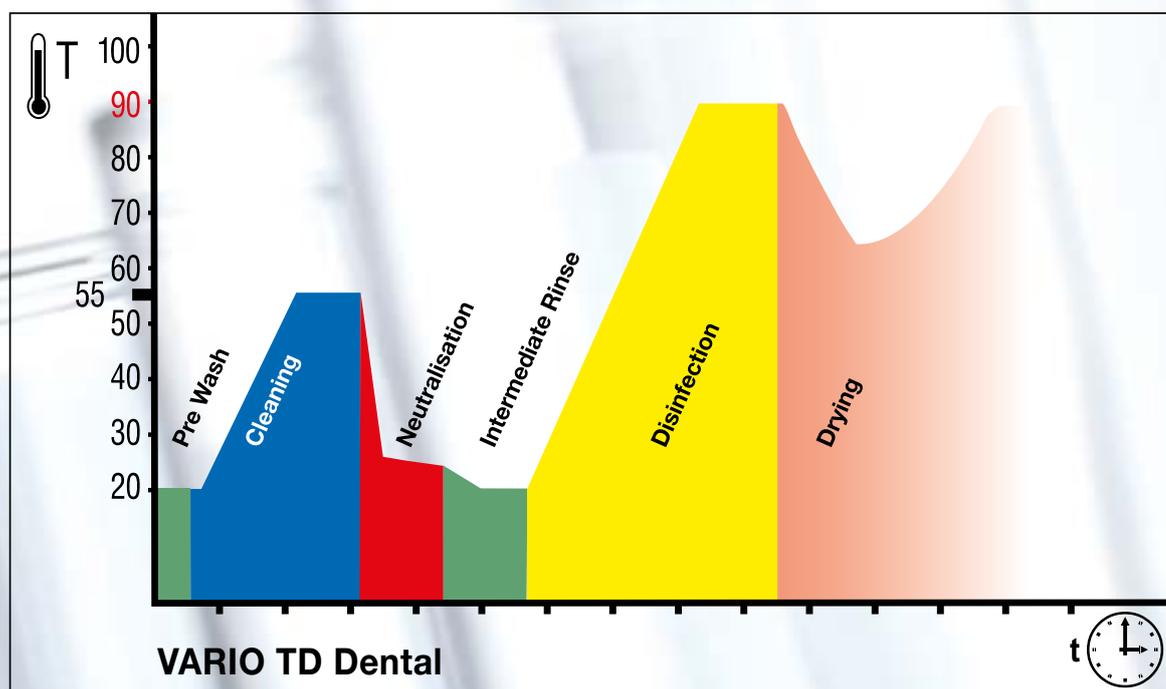
For demanding situations

Tried-and-tested cleaning programme

VARIOTD

Vario TD Dental

In Miele's Vario TD Dental programme, pre-cleaning commences at low temperatures to prevent the denaturation of blood residues. After an intensive main wash, thermal disinfection takes place at temperatures in excess of 90°C with a holding time of 5 minutes. In order to protect surgical instruments, the final rinse is ideally performed with demineralised water without any rinsing agent 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 especially recommended for the reprocessing of transmission instruments. Hot air drying on the PG 8591 thermal disinfector ensures that instruments are dried thoroughly at the end of the process.



For a perfect match

System4Dent

Single-source supply

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.

- **Cleaning and disinfection**

Innovative thermal disinfectors with individually selectable features

- **Process chemicals**

Tailored process chemicals for the thorough and gentle cleaning of all instruments

- **Process documentation**

Intelligent documentation software for reproducible and uninterrupted process monitoring

- **Services**

Miele guarantees the highest of standards when it comes to providing advice, financing, after-sales service and validation



Further useful information

Download links and an explanatory video are available on our homepage (www.miele-professional.com)





Thermal disinfectors

PWD 8531, PWD 8532

Geared to the needs of small dental practices

The PWD 8531 and PWD 8532 with their reduced capacity prove considerably more efficient in smaller practices with fewer instruments. Similarly, water and energy consumption is also lower compared with larger thermal disinfectors.

Hygienic and intuitive use

The convenient operation of these thermal disinfectors simplifies procedures in dental practices. The 4" Touch-on-Glass colour display features intuitive operating logic and several direct-access buttons to speed up selection. Hygienic cleaning of the control panel is equally straightforward.



Contents:

PWD 8531 'The compact option' & PWD 8532 'The ergonomic option'	
Product highlights	12
Machine overview.....	14
PG 8581 'The all-rounder' & PG 8591 'The exclusive option'	
Product highlights	18
Model overview	20
Accessories	
Accessory overview	24
Accessories for PWD 8531, PWD 8532	26
Accessories for PG 8581, PG 8591	29
Cross-product accessories	38
Process chemicals	
ProCare Dent	42
Process documentation	
Possible applications	46
Components and accessories.....	48
Service	
Functional safety and preservation of value	57

Miele benefits with a payback



Greater efficiency for smaller practices

The chamber size is aligned with the requirements of small practices. This means that cycles can be run as and when needed, several times a day. An efficient and sustainable solution for small dental practices – particularly as these machines feature reduced water and energy consumption.



Space-saving solution

Thanks to their compact size, space for the PWD 8531 and PWD 8532 thermal disinfectors can be found even in small hygiene rooms: freestanding, undercounter or on top of the run of units. The ergonomic working height makes for convenient loading and unloading, without the need to stoop or bend! The PWD 8532 also offers space for process chemicals. The plinth can accommodate two 5 l canisters in order to save space.



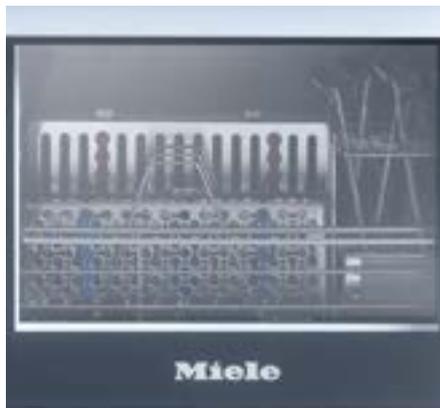
Thorough drying

DryPlus hot air drying with an upstream H 14 HEPA filter (retention rate: 99.995%) represents an ideal solution for lumened instruments.



Simple dispensing

Liquid process chemicals are dispensed simply and automatically via 2 dispenser pumps. On the PWD 8531, process chemicals are dispensed from integrated chemical reservoirs during the appropriate reprocessing phases. In the PWD 8532 with its plinth, dispensing is from the two integrated 5 l canisters.



Visual monitoring

Visual monitoring during the reprocessing phase is enabled by the full-glass door, allowing items blocking the path of the spray arms to be identified promptly.



Convenient operation

The high-quality flush glass surface is particularly easy to clean and contributes to improved hygiene. The MP.CON 3 controls with an intuitive Touch-on-Glass' interface allow fast access to all programmes and settings. Convenient operation is enabled by several direct-access buttons and a 4" colour display.

Further benefits



Thorough process documentation

Miele process documentation options ensure reliable documentation. This is done either by transferring data to documentation software or by porting data to a printer. Furthermore, these models have an integrated memory able to save data from up to 200 cycles. Data transferred via the RS232 interface can be ported to Ethernet, WiFi or USB using standard, off-the-shelf IT components. *



Clean results

In order to avoid discolouration, deposits and stains on instruments, Miele thermal disinfectors are equipped ex works with an integrated water softener which removes most of the ions causing water hardness from tap water. This ensures optimum cleaning results and helps to preserve the value of the instruments and extend the life of the thermal disinfectant.



Greater safety through continuous process monitoring

PWD 8531 and PWD 8532 thermal disinfectors feature independent systems for the continuous monitoring of process parameters, in particular pressure and temperature. Even in the event of a fault, documentation and fail-safe termination of the disinfection process are guaranteed.



Long product life

The wash chamber, spray arms and filters are made from high-grade stainless steel to ensure top-class quality.



Immaculate cleaning

The water is filtered three times for an optimum wash result and a longer pump service life.



Tested Miele quality

The high requirements of a typical working day demand reliable products. For this reason, all Miele thermal disinfectors undergo extensive testing and optimisation in the Miele laboratory. Miele's longstanding experience in application technology is incorporated into its assessments so that all products fulfil the high Miele quality standards and ensure excellent cleaning performance with constantly high wash pressure – for a reliable reprocessing result.

*IT components must be supplied by third parties. It is important to use a secure infrastructure. Connection of the machine to the Internet should be avoided.

Our new thermal disinfectors for small dental practices

A compact, high-performance package – in Miele quality



Thermal disinfectors	PWD 8531	PWD 8532
Construction type and design	Countertop unit	Undercounter/freestanding unit with lid
External dimensions H/W/D [mm]	535 x 570 (+75) x 575	825x560x577
Weight [kg]	55	67
Casing	Stainless steel	Stainless steel
Full-glass door	•	•
Touch on Glass, user interface with direct-access buttons and 4" colour display	•	•
7 programmes	•	•
Programme sequence indicator and acoustic signal at end of programme	•	•
RS232 serial interface	•	•
Electrical connection	AC 230 V 50 Hz, incl. earthed plug	AC 230 V 50 Hz, incl. earthed plug
2 water connections	1 x cold water connection and 1 x demineralised water connection	1 x cold water connection and 1 x demineralised water connection
Integrated water softener for cold and hot water, max. 65°C	•	•
2 dispenser pumps	One each for liquid detergent and surfactant	One each for liquid detergent and surfactant
Drying	Integrated DryPlus hot air drying	Integrated DryPlus hot air drying

Model	Features	Mat. no.
PWD 8531	Countertop unit with 2 integrated chemical reservoirs	10957310
PWD 8532	Freestanding unit with plinth for two 5 l chemical canisters (freestanding or built-under)	10957510



Cycle times and consumption: PWD 8531 and PWD 8532	Washing and disinfection				Drying	
	Cycle time (min)	CW (l)	DI (l) *	Energy (kWh)	Cycle time (min)	Energy (kWh)
Vario TD Dental	49	18	6	1.244	11	0.093
Vario TD Intensive	58	19	6	1.294	11	0.094

*The use of demineralised (DI) water is recommended in the final rinse. If demineralised water is not used, tap water consumption increases by 6 l.

Sample loading options for the injector basket	
6 transmission instruments and 6 saliva extractors	8 small trays, instruments such as mouth specula, probes, etc., E 473/2 mesh tray for sundry small parts
12 saliva extractors	3 Miele E 197 mesh trays, instruments such as mouth specula, probes, etc., E 473/2 mesh tray for sundry small parts
18 tips for scalers and 6 extractors	Various inserts such as E 521/2 for forceps or E 522/1 for dental impression plates

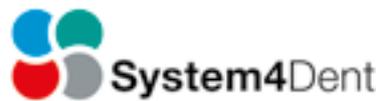




Thermal disinfectors

PG 8581, PG 8591

Miele Professional has been setting standards in the field of efficient and safe machine-based reprocessing in dental surgeries for more than 5 decades. Designed for decentral instrument reprocessing, Miele Professional's PG 8581 and PG 8591 thermal disinfectors offer added value: better cleaning performance, improved process security and greater convenience.



Contents:

PWD 8531 'The compact option' & PWD 8532 'The ergonomic option'	
Product highlights	12
Machine overview.....	14
PG 8581 'The all-rounder' & PG 8591 'The exclusive option'	
Product highlights	18
Model overview	20
Accessories	
Accessory overview	24
Accessories for PWD 8531, PWD 8532	26
Accessories for PG 8581, PG 8591	29
Cross-product accessories	38
Process chemicals	
ProCare Dent	42
Process documentation	
Possible applications	46
Components and accessories.....	48
Service	
Functional safety and preservation of value	57

Product highlights: PG 8581, PG 8591 thermal disinfectors

Benefits that pay off on a daily basis



Greater performance

Miele thermal disinfectors excel in terms of cleaning performance combined with high throughput.

- An innovative heater pump enables both time savings and high standards of efficiency
- The positioning of the docking system for upper and lower baskets and mobile units at the rear of the chamber guarantees the precise feed-in of water and drying air and the economical use of resources.
- Different nozzle forms on the spray arms ensure the forceful removal of persistent soiling and the uniform wetting of the load.
- An optimised water circuit and a significant increase in pump pressure at the injector nozzles guarantees the thorough and safe reprocessing of lumened instruments.
- With the new rail in the lower basket, 44 lumened elements can be reprocessed per cycle.

Greater safety

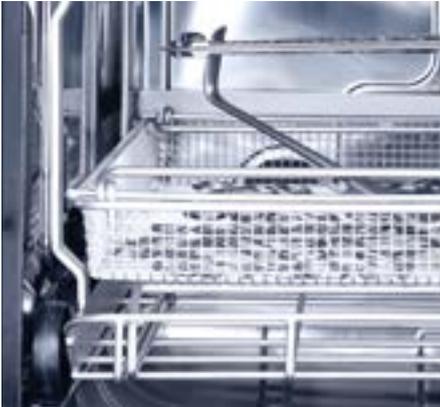
The new generation raises the benchmark in terms of hygiene and safety in the reprocessing of instruments.

- Multi-stage filtration system is highly efficient in removing dirt particles from the wash water.
- Large-surface central filter in upper basket guarantees optimum protection against the blockage of 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.
- 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.

More convenience

Numerous convenience features make work processes easier for users.

- The patented salt container is positioned in the door for easy access. Replenishing the salt container no longer requires bending or stooping as the job can be performed standing upright.
- AutoClose: slight contact between the door and the machine is sufficient to automatically close the door.
- Touch-on-Steel: Interface: The control panel consists of a continuous stainless steel surface.
- The control panel is tilted to ensure better readability.



Safety through monitoring

The thermal 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 of excessive foaming, for example, are reliably signalled.
- Deviations from the selected conductivity level in the final rinse water are reliably detected.
- The integrated sensors signal deviations from the programme parameters, allowing rapid intervention on the part of users.



Efficient drying

- EcoDry: After the programme ends, the door of the PG 8581 opens automatically thanks to the AutoOpen function. This allows residual moisture to escape easily from the wash chamber and means the load dries more quickly.
- DryPlus hot-air drying on the PG 8591 represents an ideal solution when dealing with narrow-lumened instruments.
- An upstream 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.



Tested Miele quality

The high requirements during a typical working day demand reliable products. For this reason, all Miele thermal disinfectors are tested and optimised in Miele laboratories. Miele's longstanding experience in application technology is incorporated into its assessments so that all products meet Miele's high quality standards and ensure excellent cleaning performance with constantly high wash pressure – for reliable reprocessing results.

Model overview

Controls, programmes, cycle times



Thermal disinfectors	PG 8581	PG 8591
Width [mm]	600	600
Height, depth [mm]	H 835 (820*), D 600	H 835 (820*), D 600
Cycle time/Vario TD** [mins.]	42	40
Load capacity		
Transmission instruments	44	44
Saliva extractors	44	44
Drying	EcoDry	DryPlus
Electrical connection	3-phase***	3-phase***

* without lid (lid supplied with machine)

** cleaning and thermal disinfection

*** single-phase optional

Miele Professional on the web

For detailed information on technical data, features and accessories:

www.miele-professional.com



Cycle times and consumption: PG 8581	Washing and disinfection					Drying	
	Cycle time mins.	CW l	HW l	AD l	Energy kWh	Cycle time mins.	Energy kWh
Vario TD Dental	42	37.1	-	9.0	2.5	7	-
Special 93°C-10 mins.	56	41.5	-	14.0	3.8	3	-
Rinse	4	10.0	-	-	0.01	-	-

PG 8591	Washing and disinfection					Drying	
	Cycle time mins.	CW l	HW l	AD l	Energy kWh	Cycle time mins.	Energy kWh
Vario TD Dental	40	18.6	18.5	9.0	2.2	34*	0.9
Special 93°C-10 mins.	52	11.9	29.6	14.0	3.3	79	1.4
Rinse	4	10.0	-	-	0.01	-	-
Drying	-	-	-	-	-	40	0.7

* In combination with Miele ProCare Dent 40 surfactant

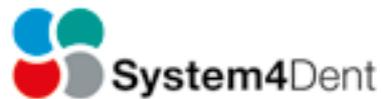
Model	Features	Mat. no.
PG 8581 AW LD	White casing, 2 integrated dispenser pumps, Ethernet module, EcoDry	10121160
PG 8581 AE LD	Stainless steel casing, 2 integrated dispenser pumps, Ethernet module, EcoDry	10121170
PG 8591 AW WW	White casing, 1 integrated dispenser pump, hot water connection, 1 external dispensing module, Ethernet module, DryPlus	10121180
PG 8591 AE WW	Stainless steel casing, 1 integrated dispenser pump, hot water connection, 1 external dispensing module, Ethernet module, DryPlus	10121190
PG 8581 AW LD	White casing, 2 integrated dispenser pumps, DataDiary, EcoDry	10880060
PG 8581 AE LD	Stainless steel casing, 2 integrated dispenser pumps, DataDiary, EcoDry	10880080
PG 8591 AW WW	White casing, 1 integrated dispenser pump, hot water connection, 1 external dispensing module, DataDiary, DryPlus	10880100
PG 8591 AE WW	Stainless-steel casing, 1 integrated dispenser pump, hot water connection, 1 external dispensing module, DataDiary, DryPlus	10880120





Accessories

In order to ensure optimum reprocessing results, Miele provides innovative accessories for its thermal disinfectors which make the reprocessing of instruments in dental practices even safer and simpler. Alongside baskets and holders for lumened instruments, new dispenser modules, water pre-treatment products and cupboards and plinths have also been introduced.



Contents:

PWD 8531 'The compact option' &
PWD 8532 'The ergonomic option'

Product highlights 12
Machine overview..... 14

PG 8581 'The all-rounder' &

PG 8591 'The exclusive option'

Product highlights 18
Model overview 20

Accessories

Accessory overview 24
Accessories for PWD 8531, PWD 8532 26
Accessories for PG 8581, PG 8591 29
Cross-product accessories 38

Process chemicals

ProCare Dent 42

Process documentation

Possible applications 46
Components and accessories..... 48

Service

Functional safety and preservation of value 57

Dental accessory overview

Accessories for PWD 8531 and PWD 8532



Baskets		Holders, adapters and nozzles				Inserts for various instruments		
								Further accessories cf. page 38
APWD 061 Page 26	APWD 060 Page 26	APWD 064-071 Page 26	APWD 065 Page 26	APWD 066 Page 26	APWD 072 + 073 Page 27	APWD 062 Page 26	APWD 063 Page 26	

Benefit packs for PG 8581 and PG 8591



Benefit packs with reprocessing of dental handpieces									
		NEW							
A 105 Page 29	A 105/1 Page 29	A 836 Page 29	A 151 Page 19	A 800 Page 29	A 804 Page 29	A 803 Page 29	E 337/1 Page 29	E 430/1 insert Page 29	E 473/2 Page 29

Benefit packs without reprocessing of dental handpieces						
		NEW				
A 105 Page 29	A 105/1 Page 29	A 836 Page 29	A 151 Page 29	337/1 Page 29	E 430/1 Page 29	E 473/2 Page 29

Accessories for PG 8581 and PG 8591



Baskets and basket accessories									
		NEW			NEW				
A 105 Page 30	A 105/1 Page 30	A 836 Page 30	A 102 Page 30	A 151 Page 30	A 315 Page 30	A 800 Page 30	A 804 Page 30	UBS 3 Page 30	

Holders, adapters					Nozzles			
								Further nozzles, cf. page 32
A 803 Page 31	A 813 Page 31	A 815 Page 31	A 814 Page 31	A 812 Page 31	A 819 Page 32	E 336 Page 32	A 817 Page 32	

Accessories for PG 8581 and PG 8591



Holders and filters

A 801 Page 33	AUF Page 33	FP filter inserts Page 33	ADS Page 33

Inserts for various instruments

E 337/1 Page 34	A 830 Page 34	E 802/1 Page 34	E 198 Page 34	E 131/1 Page 34	E 468 Page 34	E 130 1/2 Page 35	E 339/1 Page 35	E 806/1 Page 35	E 523 Page 35

E 476 Page 34	E 363 Page 34	E 379 Page 35	E 378 Page 35	E 441/1 Page 36	E 147/1 Page 36	E 520 Page 36	E 430/1 Page 36

Dispensing accessories

Plinths

					Further accessories cf. Page 38
UG 30-90/60-85 Page 37	DOS K 85/1 Page 37	DOS K 85 Page 37	UG 30-60/60-85 Page 37	UG 30-90/60-85 Page 37	

Accessories for all Miele thermal disinfectors



Inserts for various instruments

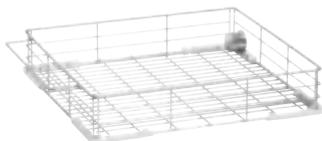
E 197 insert Page 38	E 521/2 Page 38	E 522/1 Page 38	E 491 Page 38	E 473/2 Page 38	E 807 Page 38	E 801/1 Page 38

For reprocessing with demineralised water

PG 8595 Page 39	VE P 2800 Page 39	VE P 2000 Page 39	CM/1 Page 39

Accessories for PWD 8531 and PWD 8532

Baskets



APWD 060 standard basket

- For various inserts and mesh trays
- Vertical clearance 230 mm
- H 120, W 395, D 469 mm

Mat. no. 11017140



APWD 061 injector basket

- For transmission instruments, extractors and various inserts and mesh trays
- 6 holders for dental handpieces and turbines
- 6 injectors Ø 3.8 mm x 15 mm for extractors
- Active inner drying of dental handpieces
- Loading dimensions H 230, W 320, D 395 mm
- H 120, W 395, D 469 mm

Mat. no. 11017150

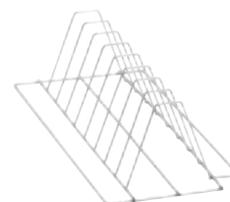
Inserts



APWD 062 insert

- For instruments in an upright position
- Suitable for probes, tweezers and mouth specula
- H 120, W 125, D 395 mm

Mat. no. 11017160



APWD 063 insert

- For up to 8 trays or cartridges
- Equipped with 9 holders, spacing: 40 mm
- H 110, W 180, D 390 mm

Mat. no. 11017170

HOLDERS, ADAPTERS AND NOZZLES



APWD 065 adapter

- For transmission instruments (manufacturer: W&H)

Mat. no. 11017190



APWD 064 blind stopper ①

- For sealing holders not occupied by transmission instruments
- H 24, W 25, D 25 mm

Mat. no. 11017180

APWD 067 adapter ②

- For various adapters for reprocessing e.g. transmission instruments in combination with APWD 068
- H 19, W 36, D 36 mm

Mat. no. 11017200

APWD 068 adapter ③

- Screw-in adapter for use on APWD 061 injector basket in combination with APWD 067
- H 27, W 40, D 40 mm

Mat. no. 11017210

APWD 069 filter ④

- Fine filter to capture particulate matter
- H 1, W 30, D 30 mm

Mat. no. 11017220

APWD 070 adapter ⑤

- For transmission instruments, Ø 19–21 mm
- H 21, W 27, D 27 mm

Mat. no. 11017230

APWD 071 adapter ⑥

- For transmission instruments, Ø 14–17 mm
- H 21, W 27, D 27 mm

Mat. no. 11017240



APWD 066 holder

- For reprocessing up to 3 air scaler and piezo scaler tips
- Suitable for various tip types
- H 46, W 50, D 50 mm

Mat. no. 11017250



APWD 072 injector nozzle

- For reprocessing lumened instruments, in particular saliva extractors

Mat. no. 11127460

APWD 073 adapter

- Allows further APWD 072 injector nozzles in APWD 061 injector basket

Mat. no. 11127500

See page 38 for further accessories for all thermal disinfectors.

Dental benefit packs for Germany

For PG 8581 and PG 8591

Benefit pack for reprocessing hand-pieces and contra-angles

Accessories	Description	Mat. no.
	Benefit pack for PG 8581 & PG 8591	10129190
Consisting of the following:		
NEW A 105/1	Upper basket/injector unit	(10777260)
A 151	Lower basket/open front	(9862410)
E 473/2	Insert	(10623720)
E 430/1	1/3 mesh insert	(06643200)
A 803	Adapter for dental handpieces/turbines (3 pc.)	(9863100)
E 337/1	Insert for upright instruments	(7984130)
A 800	Tubular filter	(9960680)
A 804	Cleaning brush for tubular filter	(9960720)
NEW A 836	Dental nozzle set	(11054660)

Benefit pack, **excl.** reprocessing of hand-pieces and contra-angles

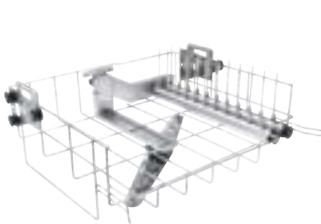
Accessories	Description	Mat. no.
	Benefit pack without dental handpieces and contra-angles for PG 8581 and PG 8591	10882990
Consisting of the following:		
NEW A 105/1	Upper basket/injector unit	(10777260)
A 151	Lower basket/open front	(9862410)
E 430/1	1/3 mesh insert	(06643200)
E 473/2	Insert	(10623720)
E 337/1	Insert for upright instruments	(7984130)
NEW A 836	Dental nozzle set	(11054660)

Sales advice

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

Accessories for PG 8581 and PG 8591

Baskets and basket accessories



A 105 upper basket/injector unit

- Left-hand side free for inserts
- 22 injector nozzles on right-hand side
- Active inner drying of dental handpieces
- 22 x injector nozzles, length 110 mm, Ø 4 mm
- A 800 tubular filter for use in either injector rail (not provided)
- Built-in spray arm
- Clearances
 - H 225, W 360, D 440 mm (A depth of 460 mm is available on the left-hand side with a width of 215 mm, vertical injector rail clearance 190 mm)
 - H 202, W 528, D 528 mm
- Available until the end of 1Q19

Mat. no. 9862390



NEW: A 105/1 upper basket/injector unit

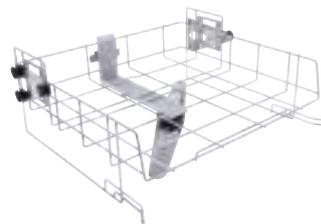
- Left-hand side free for inserts
- 22 injector positions on right-hand side, e.g. for A 833 nozzle (not provided)
- Height-adjustable
- Active inner drying of dental handpieces
- A 800 tubular filter for use in either injector rail (not provided)
- Built-in spray arm
- Clearances H 225 +/- 30, W 360, D 445 mm (depth of 460 mm is available on the left-hand side with a width of 215 mm)
- H 202, W 528, D 526 mm
- Expected to be available from early 2Q19

Mat. no. 1077260

NEW: A 836 dental nozzle set

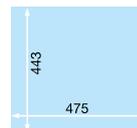
- For use in A 105/1 upper basket and the reprocessing of lumened instruments
- Contains 22x A 833 injector nozzles

Mat. no. 11054660



A 102 upper basket/open front

- Open front
- For holding inserts
- Height-adjustable
- Clearances
 - H 205 +/- 30, W 475, D 443 mm
 - H 206, W 528, D 527 mm

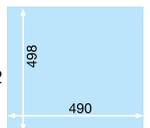


Mat. no. 9862360



A 151 lower basket/open front

- For standard
- DIN mesh trays and inserts
- Vertical clearance in combination with
 - A 102 H 230 +/- 30 mm
 - A 105 H 210 mm
- H 88, W 529, D 522 mm



Mat. no. 9862410

Exclusive to Miele

NEW: A 315 module/injector (not illustrated)

- Doubles the capacity for lumened instruments when using the A 105 or A 105/1 upper basket
- For use in A 151 lower basket
- For 22 injector nozzles (not included; nozzle set A 836 can be used, for example)
- Active inner drying of dental handpieces
- A 800 tubular filter for use in either injector rail (not provided)
- Expected to be available from 3Q19

Mat. no. 11055980



A 800 tubular filter

- For use in A 105 upper basket

Mat. no. 9960680



A 804 cleaning brush

- For manual reprocessing of A 800 tubular filter

Mat. no. 9960720



UBS 3 conversion kit

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

Mat. no. 10131110

Accessories for PG 8581 and PG 8591

Holders, adapters



A 803 holder for transmission instruments

- For holding transmission instruments in A 105 upper basket in combination with A 800 tubular filter
- Suitable for a wide range of dental handpieces and turbines from various manufacturers

Mat. no. 9863100



A 812 adapter

- For use of A 814 and/or A 815 in G 7881/G 7891
- For use in O 177/1 upper basket with FP
- 4 x E 362 blanking screw
- 5 x FP
- Please contact us for information on use in combination with G 7831.

Mat. no. 10619680



A 813 adapter

- For the reprocessing of up to 4 transmission instruments with an external spray channel
- For use in A 105 upper basket with A 800 filter
- 4 x nozzle with silicone hose
- 3 x E 362 blanking screw

Mat. no. 10456700

Confidence in the Miele brand

Leading instrument manufacturers recommend Miele

Miele Professional stands for the safe and hygienic reprocessing of instruments whilst at the same time ensuring the ultimate in material compatibility and value retention. That is why leading instrument manufacturers recommend using Miele systems to reprocess their instruments.



E 814 adapter

- For reprocessing the tips of air scalers and piezo scalers
- For use in A 105 upper basket with A 800 tubular filter
- For use in O 177/1 upper basket with A 812 and FP
- Universal, for various tip types
- Several holders can be used on one injector connection using A 813 or A 812

Mat. no. 10456630



A 815 nozzle

- For the reprocessing of transmission instruments with an external spray channel
- For use with A 812, A 813 or in A 105 upper basket with A 800 filter
- 4 x nozzle with silicone hose

Mat. no. 10619690

Accessories for PG 8581 and PG 8591

Nozzles for baskets with injector rail



E 336 irrigation sleeve

- Length 121 mm, Ø 11 mm

Mat. no. 3809390



A 832 injector nozzle

- Length 60 mm, Ø 2.5 mm, screw thread
- With additional side holes

Mat. no. 10635440



A 833 injector nozzle

- Clip bracket
- Length 110 mm, Ø 4 mm, screw thread
- With additional side holes

Mat. no. 10635480



A 834 injector nozzle

- Length 150 mm, Ø 8 mm, screw thread
- Height-adjustment clip (Mat. no. 4 692 430)
- With additional side holes

Mat. no. 10635650



A 816 injector nozzle

- Length 90 mm, Ø 2.5 mm, screw thread
- With additional side holes

Mat. no. 10635660



A 817 irrigation sleeve

- Length 65 mm, Ø 11 mm
- Cap, opening Ø 6 mm (Mat. no. 4 174 960)
- Clamp (Mat. no. 4 174 850)

Mat. no. 10706260



A 818 caps

- 12 caps for irrigation sleeves
- Opening Ø 2.5 mm

Mat. no. 10706620



A 819 irrigation sleeve

- For lumened instruments, e.g. magnetostrictive ultrasound tips, such as Cavitron® (with conventional handle and FitGrip)*
 - Int. dimension 108 mm, ext. dimension 128 mm, Ø 11 mm
 - Cap, opening Ø 10 mm
 - With clamp – must be used
- *Cavitron is a registered mark of the Dentsply-Sirona company

Mat. no. 10721750

Accessories for PG 8581 and PG 8591

Holders and filters for use with A 801 adapters



AUF 1 holder

- Holder for transmission instruments in O 177/1 upper basket for G 7881 and G 7891
- Can also be used with adapter A 801 in A 105 upper basket
- Consists of: Seal, threaded bush, bracket, holder lower part, holder upper part, 5 filter inserts

Mat. no. 5159510



AUF 2 holder For G 7831

- Holder for transmission instruments in O 801/2 upper basket
- Can also be used with adapter A 801 in A 105 upper basket
- Consists of: Seal, threaded bush, bracket, holder lower part, holder upper part, 5 filter inserts

Mat. no. 5282470



FP filter inserts for AUF 1 and AUF 2

- 20 off
- Porosity 2
- Diameter 30 mm

Mat. no. 6059480



A 801 adapter

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

Mat. no. 9862940



ADS 1 adapter/silicone for AUF 1 and AUF 2

- Adapter for transmission instruments
- For dental handpieces/turbines with a diameter of approx. 20 mm
- White

Mat. no. 5159530

ADS 2 adapter/silicone for AUF 1 and AUF 2

- Adapter for transmission instruments
- For dental handpieces/turbines with a diameter of approx. 16 mm
- Green

Mat. no. 5159540

ADS 3 adapter/silicone for AUF 1 and AUF 2

- Adapter for transmission instruments
- For dental handpieces/turbines with a diameter of approx. 22 mm
- Red

Mat. no. 5159550

Accessories for PG 8581 and PG 8591

Inserts



E 198 insert 1/2

- For 6 mesh trays/kidney dishes
- 7 holders (6 compartments)
H 160, spacing 50 mm
- H 160, W 180, D 495 mm
- For mesh tray E 197

Mat. no. 7984040



E 363 insert 1/6 mesh tray

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

Mat. no. 3149790



E 131/1 insert 1/2

- For 5 mesh trays/kidney dishes
- 6 holders, H 160 mm, spacing 80 mm
- For lower basket
- H 168, W 180, D 495 mm (only in combination with E 363 in lower basket)
- For mesh tray E 363

Mat. no. 5771030



E 802/1 insert

- For instruments in upright position
- 3 plastic holders
8 compartments, approx.
30 x 28 mm
- 8 compartments, approx.
16 x 28 mm
- 15 compartments, approx.
16 x 20 mm
- H 148, W 163, D 295 mm

Mat. no. 7984170



E 337/1 2/5 insert

- For instruments in upright position
- 4 plastic holders
12 compartments, approx.
22 x 28 mm
- 4 compartments, approx.
25 x 28 mm
- 48 compartments, approx.
13 x 14 mm
- H 148, W 173, D 445 mm

Mat. no. 7984130



NEW: A 830 insert

- For use in E 337/1 insert, for separable mouth specula
- 3 compartments Ø 8 mm, 14 compartments
10 x 19 mm, 2 compartments
8 x 19 mm
- Mouth specula handles (≥ Size 3) can be placed in compartments of E 337/1
- H 12, W 49, D 154 mm

Mat. no. 10730400



E 468 insert

- Mesh basket with lid
- For reprocessing of surgical motors after removal of slat
- Please observe reprocessing instructions from manufacturers
- Stainless steel
- Mesh size 5 x 5 x 1 mm
- H 70/76, W 250, D 170 mm
- Not for use in E 198

Mat. no. 05043640



E 476 adapter

- For use in trays with 5 mm mesh
- For holding instruments with a diameter of 4–8 mm and securing surgical motors in E 468 mesh tray
- 50 per bag

Mat. no. 05692400

Accessories for PG 8581 and PG 8591

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

Mat. no. 2648950



E 523 insert 1/2

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

Mat. no. 5649700



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 30 mm (W x D)
- H 115, W 305, D 498 mm

Mat. no. 9233840



E 378 insert 1/1 mesh tray

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

Mat. no. 3203530



E 379 insert 1/2 mesh tray

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

Mat. no. 3203500



E 806/1 insert

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

Mat. no. 9013220

Accessories for PG 8581 and PG 8591

Inserts



E 430/1 insert 1/3 mesh tray

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

Mat. no. 06643200



E 441/1 insert 1/4

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

Mat. no. 5988240



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

Mat. no. 5409080



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

Mat. no. 4746620

Accessories for PG 8581 and PG 8591

Process chemical dispensing accessories and plinths



PG 8596 dispenser unit

Housing unit for process chemicals and dispensing 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
- Casing in stainless steel (AE) or white (AW)
- Interior dimensions: H 690/380/285 mm (top drawer removed/bottom/top drawer), W 250 mm, D 555/425 mm (without/with drip tray and dispensing modules)

2 levels:

Pull-out telescopic drawers with drip tray for containers of process chemicals

Canister sizes (L x W x H)

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

Bottom 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

PG 8596 D AW dispenser unit

Mat. no. 10087330

PG 8596 D AE dispenser unit

Mat. no. 10087340

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



DOS K 85/1 dispensing module

- For liquid media such as alkaline cleaning agents, chemical disinfectants and 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 monitoring
- Length of connection cable: 3.00 m
- Length of suction hose: 1.80 m

Mat. no. 09961080



DOS K 85 dispensing 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.

Mat. no. 09961070



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

Mat. no. 10087350



UG 30-90/60-85 plinth

- For use on PG 8581 and PG 8591 in combination with PG 8595 or PG 8596 (installation on either side of PG 8595/PG 8596 possible)
- Stainless steel plinth, bolted to machine
- H 300, W 900, D 600 mm

Mat. no. 10087360

See Page 38 for further accessories for all thermal disinfectors.

Accessories for all Miele thermal disinfectors

Inserts



E 197 insert 1/6 mesh tray

- For 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

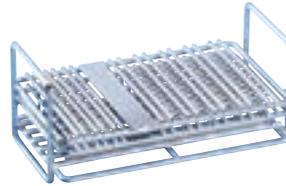
Mat. no. 7984090



E 473/2 insert

- Mesh basket with lid, for small parts
- Hooks on to mesh trays
- H 88, W 66, D 66 mm

Mat. no. 10623720



E 491 insert

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

Mat. no. 7600210



E 521/2 insert

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

Mat. no. 7476430



E 522/1 insert

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

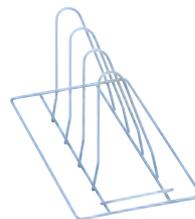
Mat. no. 6697010



E 801/1 insert

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

Mat. no. 5673820



E 807 insert

- For 3 mesh trays/kidney dishes
- 4 holders (3 compartments)
- H 165, spacing 58 mm
- H 144, W 180, D 330 mm

Mat. no. 7984220

Accessories for all Miele thermal disinfectors

For reprocessing with demineralised water



PG 8595 Aqua Purificator

- Housing unit for 2 water demineralisation cartridges
VE P 2000/VE P 2800
- 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
 - Casing in stainless steel (AE) or white (AW)
 - Condition as supplied: Empty housing unit. Cartridges and fittings must be ordered separately

PG 8595 D AW Aqua Purificator

Mat. no. 10087310

PG 8595 D AE Aqua Purificator

Mat. no. 10087320

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.

Mat. no. 09782600

UfZ conversion kit for second cartridge

If two cartridges are used, the 2 x VA 3/4" connections can be screwed onto the second cartridge. This avoids the need to change fittings.

Mat. no. 10020100



VE P 2800 water demineralisation cartridge, charged

- Pressure-proof stainless steel cartridge
- Throughflow max. 800 l/h
- H 570, Ø 230 mm
- Complete with vent and pressure relief valve
- Contains 19 l of reusable mixed resin

Mat. no. 09782560

VE P 2000 water demineralisation cartridge, charged

- Pressure-proof stainless steel cartridge
- Throughflow max. 450 l/h
- H 410, Ø 230 mm
- Complete with vent and pressure relief valve
- Contains 12.5 l of reusable mixed resin

Mat. no. 09773410

LP 2800 demineralisation cartridge, empty

- As per VE P 2800, but supplied without resin. Can be charged with 19 l of single-use resin.

Mat. no. 09782590

E 315 single-use resin

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

Mat. no. 03830350

E 316 refill set

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

Mat. no. 03830360



CM/1 Conductivity meter

- Conductivity meter for water demineralisation cartridges
VE P 2000 and VE P 2800
- Single-line, illuminated display
 - 10-point measurement in 0–199.9 µS/cm range
 - Optical and acoustic cartridge replacement indicator
 - Optical and acoustic fault indicator
 - Wall bracket
 - Connection to external LED (optional)
 - H 118, W 235, D 110 mm
 - Input: 110–240 V, 50/60 Hz, 85 mA;
Output: 9 V, 400 mA, 3.6 VA
 - Includes
Sensor cell with LED indicator and connection lead
(length 1.0 m), 2 pressure hoses 3/4" (length 1 x 1.94 m, 1 x 1.5 m)

Mat. no. 10889920



Process chemicals

ProCare Dent

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



Contents:

PWD 8531 'The compact option' & PWD 8532 'The ergonomic option'	
Product highlights	12
Machine overview.....	14
PG 8581 'The all-rounder' & PG 8591 'The exclusive option'	
Product highlights	18
Model overview	20
Accessories	
Accessory overview	24
Accessories for PWD 8531, PWD 8532	26
Accessories for PG 8581, PG 8591	29
Cross-product accessories	38
Process chemicals	
ProCare Dent	42
Process documentation	
Possible applications	46
Components and accessories.....	48
Service	
Functional safety and preservation of value	57

ProCare Dent – process chemicals for Miele thermal disinfectors

Recommended for reprocessing dental instruments

Thermal disinfectors					
PG 8581 and PG 8591 with 2 or 3 pumps AND dispenser compartment for rinsing agent			PWD 8531 and PWD 8532 with 2 pumps (NO dispenser compartment for rinsing agent)		
Instrument type					
Routine reprocessing of standard instruments		Routine reprocessing of standard and transmission instruments		Routine reprocessing of standard and transmission instruments	
Programme					
Vario TD Dental		Vario TD Dental		Vario TD Dental	
Detergent					
ProCare Dent 10 A (liquid cleaning agent) or ProCare Dent 11 A (powder cleaning agent)		ProCare Dent 10 MA (liquid cleaning agent)		ProCare Dent 10 MA (liquid cleaning agent)	
Neutralising agent					
ProCare Dent 30 P		ProCare Dent 30 C		Not recommended	
Surfactant					
ProCare Dent 40		ProCare Dent 40		ProCare Dent 40	



ProCare Dent 10 MA

- Mildly alkaline cleaning agent, liquid concentrate
- 5 l canister

Mat. no. 9313850



ProCare Dent 10 A

- Alkaline cleaning agent, liquid concentrate
- 5 l canister

Mat. no. 9051960



ProCare Dent 11 A

- Alkaline cleaning agent, powder
- 10 kg container

Mat. no. 9051940



ProCare Dent 30 C

- Acidic neutralising agent, liquid concentrate
- 5 l canister

Mat. no. 9052110

- 1 l bottle (with spout for G 7831)

Mat. no. 9052100

Process chemicals

ProCare Dent

Product	Description	Special notes	Labelling of contents according to Regulation (EC) No 648/2004	Container sizes
Main wash				
ProCare Dent 10 MA	Mildly alkaline cleaning agent, liquid concentrate	<ul style="list-style-type: none"> • Very gentle on materials • Particularly suitable for transmission instruments 	<ul style="list-style-type: none"> • < 5% non-ionic tensides • Also contains enzymes, preservatives (phenoxyethanol, methyl-, ethyl-, butyl, propyl-, isopropylparaben) 	5 l canister
ProCare Dent 10 A	Alkaline cleaning agent, 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 cleaning agent, 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 neutralising 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 neutralising 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)
Final 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 • 5-30% non-ionic tensides • Also contains preservatives (methylchloroisothiazolinone, methylisothiazolinone) 	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)



ProCare Dent 30 P

- Acidic neutralising agent, liquid concentrate
- 5 l canister

Mat. no. 9052080

- 1 l bottle (with spout for G 7831)

Mat. no. 9052070



ProCare Dent 40

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

Mat. no. 9052130



ProCare Universal 61

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

Mat. no. 9195780



CK DIN 51

- Canister key
- Used to open safety caps on 5 l canisters

Mat. no. 9066810

Available from Miele Customer Service Department





Process documentation

Systematic and flexible

Miele Professional offers flexible solutions for the documentation of instrument reprocessing. The documentation of reprocessing, including all relevant parameters, represents a clear quality benefit – and offers a wide range of opportunities to optimise both processes and costs.



Comprehensive

- The easy-to-use app-based DataDiary with wireless data transfer for selected Miele thermal disinfectors.
- The user-friendly Segosoft Miele Edition allows full traceability and secure documentation of important reprocessing steps.
- Automatic recording of process reports, routine checks and maintenance work
- Legally compliant documentation

Flexible

- 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 a report printer and the Segosoft Miele Edition USB kit.
- Ethernet module: Standard communication module with extended functionalities and hence particularly suited to direct connection to a PC or a network.

Contents:

PWD 8531 'The compact option' & PWD 8532 'The ergonomic option'	
Product highlights	12
Machine overview.....	14
PG 8581 'The all-rounder' & PG 8591 'The exclusive option'	
Product highlights	18
Model overview	20
Accessories	
Accessory overview	24
Accessories for PWD 8531, PWD 8532	26
Accessories for PG 8581, PG 8591	29
Cross-product accessories	38
Process chemicals	
ProCare Dent	42
Process documentation	
Possible applications	46
Components and accessories.....	48
Service	
Functional safety and preservation of value	57

Process documentation for Miele thermal disinfectors

Overview of documentation options

For PG 8581 and PG 8591



Process documentation		Communication modules		
				
DataDiary Page 49	APS 200 Sego Page 51	DataDiary Page 49	XKM 3000 L Med Page 48	XKM RS232 10 Med Page 48

For all Miele thermal disinfectors



Process documentation		
		
APS 101 Sego Page 51	APH 510 PRT 110 Page 53	APH 500 PRT 100 Page 53

Process documentation

All features at a glance

Process documentation									
		Direct connection between PC and machine		Connection via surgery network			Connection via WiFi	Documentation using USB flash memory	Printer
		Option 1:	Option 2:	Option 3:	Option 4:	Option 5:			
		Connection of PC to machine via serial interface	Connection of PC to machine with XKM 3000 L Med Ethernet module	Network connection to machine via serial interface	Network connection to machine via machine network interface	Network connection to machines with XKM 3000 L Med Ethernet module	For machines with WiFi option		
		e.g. Miele thermal disinfecter PWD 853x	e.g. Miele thermal disinfecter PG 858x/9x	e.g. Miele thermal disinfecter G 78xx	e.g. Miele washer-disinfecter PG 8536	e.g. Miele thermal disinfecter PG 8581/PG 8591	e.g. Miele washer-disinfecter PG 8581/PG 8591	e.g. Miele thermal disinfecter G 78xx, PG 858x/9x (with XKM RS232 10 Med)	e.g. Miele thermal disinfecter PG 858x/9x (with XKM RS232 10 Med), PWD 853x
App	Mat. no.								
DataDiary	10689630						X		
PC software									
APS 101 Sego – Segosoft Miele Edition (licence) ¹	10019160	X	X	X	X	X			
APS 200 Sego – Segosoft Miele Edition, USB ¹	10019220							X	
Hardware									
APH 301 – Connection cable Type 1, serial, 3 m	7951420	X (Type 1 or Type 2, depending on machine type)		X (Type 1 or Type 2, depending on machine type)					
APH 302 – Connection cable Type 2, serial, 3 m	7951410								
APH 100 – Serial Industrial Converter	9574000	X (optional with two machines)							
APH 303 – Extension cable Type 3, 3 m for connection cable Type 1 or Type 2	7951430	Option							
APH 304 – Extension cable Type 4, 5 m for connection cable Type 1 or Type 2	7951440	Option							
APH 305 – Extension cable Type 5, 10 m for connection cable Type 1 or Type 2	7951450	Option							
APH 110 Net500 – Network converter (RS 232 to Network RJ45)	9687440			X					
APH 406 – Network cable Type 6, 3 m (network connection)	7951470			X (Type 6 or 7, depending on required length)	X (Type 6 or 7, depending on required length)	X (Type 6 or 7, depending on required length)			
APH 407 – Network cable Type 7, 5 m (network connection)	7951480								
APH 408 – Network cable Type 8, crossover, 3 m (direct connection to PC)	7951490		X (Type 8 or 9, depending on required length)						
APH 409 – Network cable Type 9, crossover, 5 m (direct connection to PC)	7951500								
APH 500 PRT 100, report printer, serial interface	7951540								X
APH 510 PRT 110, report printer, serial interface	11053310								X
APH 530 – Printer cable 15 m, serial, for PRT 100 printer	6095260								X
APH 531 – Null modem adapter for printer cable	9573970								X
RJ 45 connector (with XKM 3000 L Med)	7076891		Optional (if cable extension is required. Cable length XKM module 1.5 m)			Optional (if cable extension is required. Cable length XKM module 1.5 m.)			

X = required, ¹necessary additional service: ServiceCard, software maintenance

Process documentation

Accessories



XKM 3000 L Med Ethernet module

- Communication module for connection to Segosoft Miele Edition or other process documentation software
- Ring buffer for up to 30 process reports and 2 graphic reports
- No additional components needed for direct or network connection
- Supports DHCP (Dynamic Host Configuration Protocol) facilitating automatic selection of network parameters
- Baud rate: 10/100 Mbit/s
- Length of supply lead: 1.5 m
- Cable extension possible using enclosed connector



XKM RS232 10 Med serial module

- Communication module for connection to Segosoft Miele Edition USB kit or PRT 100 and PRT 110 report printers
- Ring buffer for up to 25 process reports
- Adapts report length between short and long to suit customer requirements
- Baud rate: max. 38 kbits
- Length of supply lead: 1.5 m
- Cable extension to total length of 15 m possible

Optional for PG 8581 and PG 8591.



DataDiary

- WiFi communication module XKM 3100 W CDS
- 5 NFC chipcards
- Installation and operating instructions

Included with PG 8581 and PG 8591 if set including WiFi is selected.

Details on DataDiary, cf. Page 49

Comparison of documentation options	DataDiary app	Segosoft Miele Edition PC software	Documentation via USB	Printer
Documentation: Process report	•	•	•	•
Documentation: Temperature/pressure charts (depending on model)	–	•	–	–
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	–	•	•	–
Serial direct connection	–	•	•	•
Ethernet network connection	–	•	–	–
WiFi connection	•	–	–	–
Legal security	•	•	•	•
Initial outlay	+	+++	++++	+
Medical device	–	•	•	–
ServiceCard/software maintenance required	–	•	•	–

• = available – = not available + = evaluation scale

Accessories	Description	Mat. no.
XKM 3000 L Med	Ethernet module	10440980
XKM RS232 10 Med	Serial module	10444420
DataDiary	App-based process documentation	10689630

App-based solution

Process documentation goes wireless:

DataDiary – simple, efficient, secure

To assist in the gap-free process documentation of instrument reprocessing, Miele Professional is now offering a particularly time-saving plug & play solution in the form of an app. This collects process data automatically from PG 8581 and PG 8591 thermal disinfectors and enables reports to be generated from a tablet PC – without cables, USB memory sticks or other intermediate steps.



Easy to operate

With DataDiary, Miele is offering an intuitive, app-based method of process documentation with a modern user interface. It is a plug & play solution – simply connect machine and off you go!



Wireless & secure

Data is transmitted wirelessly and securely between the Miele machine and a tablet PC via encrypted WiFi (WPA2). The WiFi connection is simple to set up with an SSID (Service Set Identifier) and a password.



PDF reports

The successful reprocessing of instruments must be documented in a gap-free manner. For this purpose, DataDiary offers a simple report creation process based on PDF files.



Fast authentication

User authentication is simple using an NFC tag or a user ID with password, if this is supported by the end device.



Further useful information

Download links and an explanatory video are available on our homepage.



System requirements:

Tablet PC, min. 7" with a min. resolution of 1280 x 800 Px and operating system from Android™ 6 or iOS® 10 upwards.

Product	Mat. no.
DataDiary – app and WiFi module (XKM 3100 W CDS)	10689630
DataDiaryID – NFC cards	10735270

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 logging 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 7

Apart from the Ethernet module, no further hardware is required to connect PG 8581 and PG 8591 thermal disinfectors to the 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.

- Documentation in PDF/A1 format
- Long-term archiving according to ISO 19005-1:2005
- Quality of security functions certified by BSI (German Office of Data Security)
- ServiceCard ensures software is operated in compliance with medical device regulations



Product	Mat. no.
APS 101 Sego – Segosoft Miele Edition (licence) ¹	10019160
APS 200 Sego – Segosoft Miele Edition, USB ¹	10019220
APS 102 Sego – SegoAssign Plus	10106600
APH 301 – Connection cable, serial, length 3 m (Type 1)	7951420
APH 302 – Connection cable, serial, length 3 m (Type 2)	7951410
APH 100 – Serial Industrial Converter (2 x serial, 1 x USB; for serial direct connection of 2 units)	9574000
APH 303 – Extension cable 3 m (Type 3) for connection cable Type 1 or Type 2	7951430
APH 304 – Extension cable 5 m (Type 4) for connection cable Type 1 or Type 2	7951440
APH 305 – Extension cable 10 m (Type 5) for connection cable Type 1 or Type 2	7951450
APH 330 – Gender-changer adapter for Hawo heat-seal unit	7986870
APH 331 – Melag connection cable (Vacuklav 24, 31, Autoclav 25), length 3 m, in addition to Type 1 connection cable	9573240
APH 332 – W&H adapter (Lisa 317, 322, 517, 522), length 3 m, in addition to Type 2 connection cable	9553890
APH 333 – W&H/Madrimed adapter (Lisa MB17, MB22, Madrimed), length 3 m, in addition to Type 1 connection cable	9554370
APH 110 Net500 – Net500 network converter (RS 232 to RJ45)	9687440
APH 406 – Network cable, length 3 m (network connection) (Type 6)	7951470
APH 407 – Network cable, length 5 m (network connection) (Type 7)	7951480
APH 408 – Network cable, crossover, length 3 m (direct PC connection) (Type 8)	7951490
APH 409 – Network cable, crossover, length 5 m (direct PC connection) (Type 9)	7951500
APH 500 PRT 100 – PRT 100 report printer	7951540
APH 510 PRT 110 – PRT 110 report printer To be introduced during 2019 to replace PRT 100	11053310
APH 530 – Printer cable for PRT 100 and PRT 110 printers	6095260
APH 531 – Adapter (null modem) for PRT 100 printer cable	9573970
APH 590 – Printer cartridge for PRT 100	9063390
APH 591 – Paper rolls for PRT 100 and PRT 110, 5 pc., width 76 mm	9063410
APH 592 – Black ink ribbon for PRT 110 printer To be introduced during 2019 together with PRT 110	11053500
APH 550 Sego – Segolabel starter kit, incl. software/printer/labels	7951400
APH 595 – Colour ribbon for PRT 200 label printer	7951520
APH 596 – Labels, 1 roll with 1,000 labels for PRT 200 label printer	7951530
RJ 45 connector	7076891

¹ Required additional service: ServiceCard (software maintenance/support)

Process documentation

Article overview



NEW: APS 101 Sego – Segosoft Miele Edition

- Process documentation software for use in direct PC connections or network connections

Scope

- Software download*, Comfort Plus software package, PDF installation instructions, licence card for 1 machine

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

Machine compatibility

- Miele thermal disinfectors
- Machines from other manufacturers on request



APS 200 Sego – Segosoft Miele Edition: USB

Process documentation software for data transfer via USB stick

Scope

- Complete package for 1 machine: Software CD*, Comfort Plus software package, installation instructions, USB data logger module incl. 230 V power supply unit, 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 disinfectors with TouchControl (PG 8581, PG 8591)



APS 102 Sego – SegoAssign Plus:

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

Scope

- Licence card



APH 110 Net500 – 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 model) for connection of Net500 to machine
- Network cable: (Type 6 or 7, depending on required length) for connection of Net500 to surgery network

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 Px, 17" monitor or larger, recommended HD 1820 x 1080 Px
- Memory at least 2 GB, 4 GB recommended
- Hard drive with at least 1 GB free memory, 10 GB or higher recommended
- Min. 2 USB ports, 3 recommended, network interface, Internet access
- Operating systems: Windows 7 Professional SP1, Windows 8.1, Windows 10
- Adobe Acrobat Reader, Version 11.08 or higher

Software download

- <https://www.miele.de/professional/service-und-support-52.htm>

Required additional service from Miele service partner:

ServiceCard and services (obligatory for Segosoft Miele Edition!)

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

Note: Legal validity of digital signatures in Segosoft Miele Edition in accordance with BSI (German Federal Office of Data Security). An extension of this legal validity is provided by the ServiceCard.

(Flat-rate fee per surgery: € 215 (excl. SegoAssign Plus))

Process documentation

Article overview



APH 301 – Connection cable (Type 1)

3 m serial connection cable

Can be used for:

- PC direct connection: Option 1
Connection of PC to machine via serial interface
- Network connection: Option 3
Connection of serial machine interface with network converter
- Net500

Machine compatibility:

- Miele thermal disinfectors G 7831, G 7881, G 7891, PWD 8531, PWD 8532
- Melag Cliniklav, Euroklav, Vacuklav, Vacuquick, MELAtronic
- Sirona DAC Professional
- W&H Lisa MB 17, Lisa MB 22
- Hawo heat-seal units, additional adapter necessary (Mat. no. 7986870)

APH 302 – Connection cable (Type 2)

3 m serial connection cable

Can be used for:

- PC direct connection: Option 1
Connection of PC to machine via serial interface
 - Network connection: Option 3
Connection of serial machine interface with Net500 network converter
- Machine compatibility:
- Sirona DAC Universal, DAC 2000, Siroclave B, Siromini B
 - W&H Lisa 317, Lisa 517, Lisa 322, Lisa 522



Network cable Type 6 (APH 406) and Type 7 (APH 407) for network connection

Can be used for

- Option 3:
For connection of Net500 network converter to surgery network
- Option 4:
Connection of one machine with network interface to surgery network

- APH 406 –
Network cable 3 m (Type 6)
- APH 407 –
Network cable 5 m (Type 7)

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



Network cable Type 8 (APH 408) and Type 9 (APH 409) for direct connection to PC

For use with Option 2:

For connection of machine with network interface to PC

- APH 408 –
Network cable, crossover, 3 m (Type 8)
- APH 409 –
Network cable, crossover, 5 m (Type 9)

Note: Type 6 or Type 7 used for PC connection of Melag sterilisers



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

- For extension of connection cables Type 1 and 2
- APH 303 –
Serial extension cable, 3 m (Type 3)
- APH 304 –
Serial extension cable, 5 m (Type 4)
- APH 305 –
Serial extension cable, 10 m (Type 5)

Machine compatibility

- For use with all machines with serial interface



APH 500 PRT 100 –

PRT 100 report printer

- Printer for printing process reports
- Inkjet printer with waterproof ink

Machine compatibility

- All Miele thermal disinfectors
- Miele thermal disinfectors PG 8581 and PG 8591 only in combination with XKM RS232 10 Med serial communication module

APH 530 – Printer cable for PRT 100 printer

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

Cartridges, paper rolls

- APH 590 – Printer cartridge for PRT 100
- APH 591 – Paper rolls, 5 pc., for PRT 100



NEW: APH 510 PRT 110 –

PRT 110 report printer

- Dot matrix printer for printing process reports

Machine compatibility

- All Miele thermal disinfectors
- PG 8581 and PG 8591 only in combination with XKM RS232 10 Med serial communication module
- APH 530 – Printer cable for PRT 110 printer
- Printer cable length 15 m (cable not supplied with printer)
- Cartridges, paper rolls
- APH 592 – Black ink ribbon for PRT 110
- APH 591 – Paper rolls, 5 off, for PRT 110
- Available from mid-2019.



APH 100 –

Serial Industrial Converter

- For serial connection of max. 2 Miele washer-disinfectors
- 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 thermal disinfectors PWD 8531 and PWD 8532
- Dimensions (H x L x W): 31 x 90 x 109 mm
- Products from other manufacturers on request



APH 550 Sego –

Segolabel Miele Edition:

Starter kit

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

Scope

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

APH 595 – Colour ribbon

- Colour ribbon for PRT 200 label printer

APH 596 – Labels

- Labels for PRT 200 label printer

Scope

- 1 roll of 1,000 labels



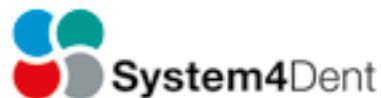
Miele



Service

from Miele Professional

Miele Professional is synonymous with exceptional quality – not least when it comes to service. Blanket service coverage enables a response within 24 hours. And, thanks to on-board spares, first service visits result in around 90% first-time fixes. It is no coincidence that Miele's customer service has been awarded top ratings for outstanding service for many years.



Contents:

PWD 8531 'The compact option' & PWD 8532 'The ergonomic option'	
Product highlights	12
Machine overview.....	14
PG 8581 'The all-rounder' & PG 8591 'The exclusive option'	
Product highlights	18
Model overview	20
Accessories	
Accessory overview	24
Accessories for PWD 8531, PWD 8532	26
Accessories for PG 8581, PG 8591	29
Cross-product accessories	38
Process chemicals	
ProCare Dent	42
Process documentation	
Possible applications	46
Components and accessories.....	48
Service	
Functional safety and preservation of value	57



Service

Functional safety and preservation of value

Miele Professional is synonymous with exceptional quality – not least when it comes to service. Blanket service coverage enables a response within 24 hours. And, thanks to on-board spares, first service visits result in around 90% first-time fixes. It is no coincidence that Miele's customer service has been awarded top ratings for outstanding service for many years.



Miele service contracts

Preventative maintenance

- Maintenance
- Incl. high-mortality parts

Full-service maintenance contract

- Maintenance
- Incl. repairs

Validation of machines

Initial validation

- Installation qualification
- Operation qualification
- Performance validation

Performance revalidation

- Performance validation without concrete reason
- Performance validation with concrete reason

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 at various times throughout an machine's life cycle. Specially trained technicians carry out process tests in accordance with legal requirements and standards as well as country-specific recommendations.

Service to meet professional expectations

Highly qualified Miele service engineers oversee the delivery and commissioning of machines and are available to perform various routine checks during operation of the product. This prevents faults occurring in the first place and offers an opportunity to optimise operating parameters on an ongoing basis. A further advantage: regular checks and maintenance safeguard investments.

- Quality service through blanket network of expert service engineers (more than 230 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 surgeries of all sizes tailored service contracts. In honouring these contracts, Miele service engineers regularly assess and evaluate the condition of machines. Depending on the contract concluded, this comprises an analysis of functionality and safety with respect to all key components, including replacement as and when necessary. Scheduled inspection and maintenance prevents breakdowns from happening in the first place, increases the life expectancy of machines and contributes towards safeguarding investments. This offer from the Miele Customer Service Department includes a whole range of performance and process checks which are performed at various points throughout the life of products.





Immer Besser

Since 1899, Miele – a family-run company – has subscribed to a clear corporate philosophy condensed into the two words 'Immer Besser' (Forever better). This overarching claim is the foundation of Miele's proverbial quality and sustainability, and the power of innovation of a brand 'Made in Germany'. A brand promise which gives professional users the certainty of having chosen the right product.

Award-winning

Uncompromising product reliability and service dependability is the reason why customers have repeatedly voted Miele the best and most trustworthy brand. Coveted awards such as the MX Award, the iF and reddot Design Awards and the German Sustainability Prize confirm the distinguished position Miele enjoys with respect to design, quality management and the sparing use of resources.

Proficient

Miele Professional has been developing and manufacturing a broad range of high-quality laundry machines, dishwashers, washer-disinfectors and sterilisers for decades. Carefully selected accessories, comprehensive advisory services and a Miele service operation which guarantees fast response times ensure that machines perform to perfection and offer the ultimate in capacity and efficiency.

Miele Professional on the web

- For detailed information on technical data, features and accessories
- Brochures on all product groups and applications available as downloads
- Detailed information, instructions and product presentations on Miele Professional's YouTube channel