Miele

Product overview
Solutions for dental surgeries

Miele Professional. Immer Besser.

NEW: Miele MOVE.

Your digital solution for efficient machine, data and process management.

Availability depending on country

Contents

Find all information here:
www.miele-professional.com

Never be satisfied with less:
Systems from Miele Professional

With Miele Professional, you are choosing top-class quality. This applies not only to our machines which reliably live up to expectations on a daily basis and give rise to the great trust professional users place in the Miele brand. Miele's proverbial quality goes far beyond this.

As a company now run by its fourth-generation proprietors, Miele remains true to its responsibility to its products and processes, its employees and business partners and towards conserving natural resources. This is reflected in choice materials as well as in the design and production of our machines. Clients benefit from innovations 'Made in Germany' which set standards throughout the industry as well as from a product design which has received multiple awards for ergonomics and functionality, and from low running costs.

Reliability and responsibility form the bedrock of Miele's entrepreneurial activities and find expression in many different ways. Carefully matching systems from Miele Professional cover a wide range of requirements and offer the peace of mind of an efficient and award-winning service network.

Miele Professional stands for reliable, durable products, high-class cleaning results and comprehensive customer service. For you as a professional user, there is simply no reason to be satisfied with less!

Dr Markus Miele,

Executive Director and Co-Proprietor
Miele Cie. KG

Dr. Reinhard Zinkann

Executive Director and Co-Proprietor
Miele Cie. KG

'Immer Besser.'
Why sustainability is so important to us.

Our planet is experiencing far-reaching changes –
Changes which are only just starting to impact us.
We all bear responsibility for a better and more sustainable future –
from large multinational companies right down to the smallest family units.

'Immer Besser' stands for our conviction of being forever better in everything we do. It motivates us time and time again to develop better, more intelligent machines so that the households and businesses that use them can be more sustainable – from one generation to the next.

For our planet –
the only home we have.

Saving our common home is a race against time. That's why we keep on setting ourselves ambitious targets and are continuously expanding our commitment.

With these promises, we intend to continue along the path we have already embarked on:
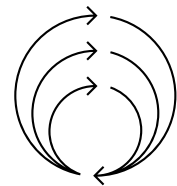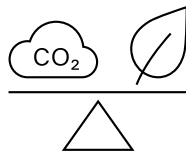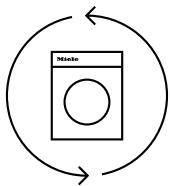
Sustainability at all levels

We are continually working towards making sustainability an essential component of every phase of the product life cycle – throughout the entire value creation chain and, in particular, during use by our customers.

Manufacturing machines that leave no traces.

It is our intention to develop the best products and services with the least possible impact on the environment – with the aim of them being completely CO_2 neutral.

We give old machines new life in a bid to reduce waste

Our aim is to create a circular value creation chain with net-zero waste, in which all the materials used in our machines are returned to the cycle at the end of a product's life.

360PRO –
The system solution for your dental practice

360 PRO

Profit from our holistic system throughout your surgery. High-performance dental solutions can be used to not only optimise your instrument cycle but also to cut down on time and costs. And for your utility room and your staff room, Miele Professional offers efficient solutions to cover both laundry care and dishwashing. We also invite you to profit from our tailored financing models and our after-sales service – round the clock. Comprehensive solutions. From one single source.

Utility room
Laundry care

Staff room
Dishwashing

Waiting room
Air purification

Service

Discover system solutions online:
An overview of our product videos
is available on our YouTube channel

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.

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.

Sustainability
Our contribution towards
your economic success

Reprocessing room
Thermal disinfectors
Small sterilisers
Process documentation
Process chemicals

Delivery and site access (optional)
Machine is delivered and, subject to agreement, transported to place of use

Installation
Machine is installed and levelled, and connected to all supplies (according to installation plan)

Commissioning
Machine is thoroughly checked and handed over to client in full working order, including providing instructions on use to staff

Further services
Service calls according to selected options or service contract

Highest service quality – from commissioning to comprehensive service package

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, therefore, that Miele's customer service has been awarded top ratings for outstanding service for many years.

Comprehensive service from the very start
Even before a machine is installed, Miele's sales force is available to provide you 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.

Following the commissioning of new machines, maintenance, repairs and IQ/OQ performance checks are available from Miele Service.

**Further information
and contact: Tel. 0800 22 44 644
www.miele.xx**

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 machine operation. This prevents faults occurring in the first place and offers an opportunity to optimise operating parameters on an ongoing basis. In addition to this, regular checks and maintenance safeguard the value of your investment.

Advantages at a glance
- Quality service through blanket network of medical device technicians (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 genuine spare 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.
Miele Customer Service also offers a whole range of performance and process checks which are performed at various points throughout the life of the machine. Specially trained technicians carry out process tests in accordance with legal requirements and standards as well as country-specific recommendations.

Single-source supply
Miele also offers service packages for Steelco products. Technicians are suitably trained and the required spare parts can easily be accessed via Miele. Miele also offers performance qualification services for products from other manufacturers.

Further services and contracts

Performance qualification
Performance qualification includes the validation of processes to ensure cleaning, disinfection and sterilisation performance.

Maintenance contract
Maintenance involves the replacement of parts subject to wear and tear as part of preventative maintenance. In addition to this, regular checks and maintenance safeguard the value of your investment.

Full-service maintenance contract
Alongside regular maintenance, a full-service maintenance contract from Miele Professional also covers the costs of further potential repairs.
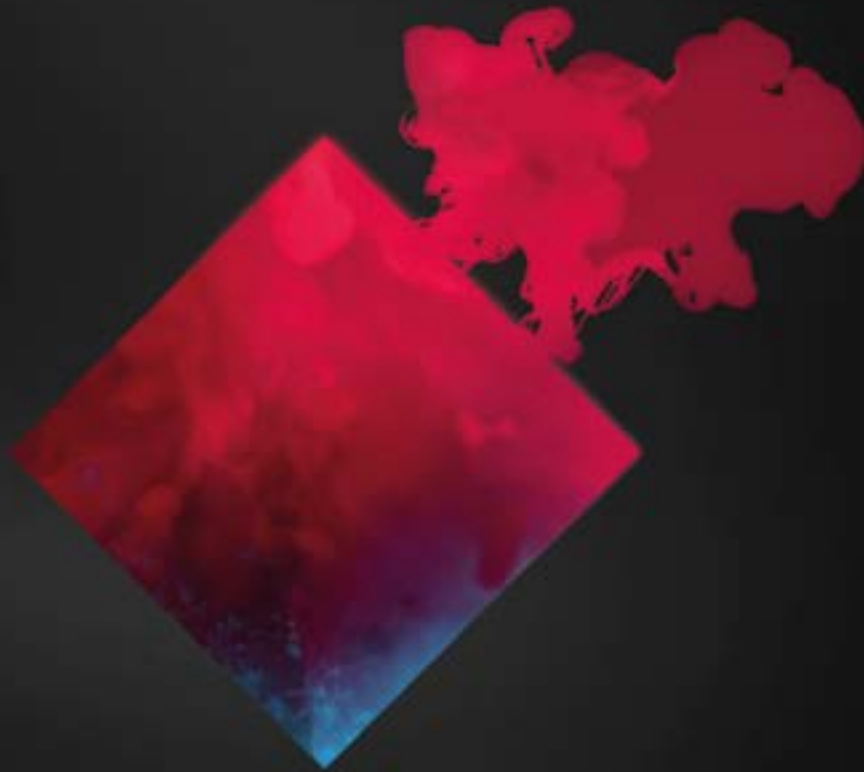
Hygiene inspection
Miele offers ProHygiene tests for washing machines and dishwashers.
A bioindicator provides proof of disinfection on these machines.

M O V E

Manage
all machine data
independently.

Optimize
work processes and improve
user safety

Visualize
process and performance data
and cost-saving potential.

Enable
greater process security
and independence.

Process data acquisition for safe documentation
High hygiene standards apply to the reprocessing of medical
instruments. Miele MOVE provides support in monitoring and
documenting special-purpose programmes with detailed data capture.
Operating data is saved and visualised using easily comprehensible
protocols and process charts. This allows prescribed process
parameters to be observed, programme data to be kept as legal
evidence and approvals to be linked to individuals.

Notifications makes for short response times
Treatment and the reprocessing of medical instruments should not be
jeopardised by downtimes and faults.
Miele MOVE automatically informs you of the status of your machines.
This way, your team is notified directly of the programme status
or technicians can be alerted in the event of interruptions. This
accelerates processes, increases productivity and reduces running
costs.

Service optimisation through direct service contact
Machines used in the cleaning, disinfection and sterilisation of
instruments are essential in maintaining hygienic processes in your
practice. Miele MOVE reduces downtimes: the digital platform
automatically generates detailed notifications which can be forwarded
straight to Miele or an authorised Miele service partner by email. This
speeds up the repair process.

Dashboard & widgets for an intuitive user interface
Miele MOVE makes managing your compatible machines convenient
and secure. A clearly structured dashboard, customisable widgets and
self-explanatory symbols make sure that you can concentrate on your
work now that you can check the hygiene status at a glance.

The right programme package to meet your needs:	Miele MOVE Free	Miele MOVE Starter	Miele MOVE Advanced	Miele MOVE Enterprise
Feature	**Scope**	**Scope**	**Scope**	**Scope**
Networked machines	Unlimited	Unlimited	Unlimited	Unlimited
No. of users	Max. 3	Max. 6	Max. 20	Customisable
Archiving of historical data (programme history and statistics)	✔	✔	✔	✔
- Filing period for historical data	3 months	12 months	24 months	36 months
- Download option for historical data	—	✔	✔	✔
Customisable dashboard	✔	✔	✔	✔
Error reporting process	✔	✔	✔	✔
Machine status	✔	✔	✔	✔
Notifications	✔	✔	✔	✔

The hygiene room – perfect solutions covering thermal disinfectors, sterilisation and documentation

360 PRO

Tried-and-tested Vario TD Dental cleaning programme

The Vario TD Dental programme developed by Miele is ideal for the routine reprocessing of all thermally resistant instruments in compliance with DIN EN ISO 15883. 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.

Examples of installation in a run of cabinetry

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

Hygiene room with L-shaped run of units

An L-shaped hygiene room offers additional elbow room and storage space. The unclean side with the sink and thermal disinfector is separated even more distinctly from the clean side with the small steriliser, process documentation and label printer through the angled configuration.
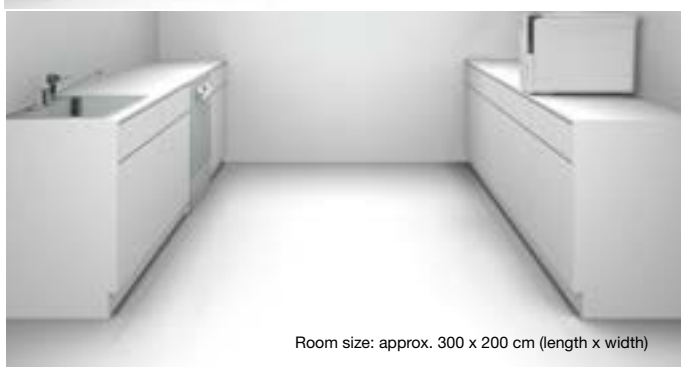
Room size: approx. 300 x 200 cm (length x width)

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 disinfector 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 150 cm (length x width)

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 disinfector. 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 its small steriliser, process documentation and printer for sterile item labels.

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

Room size: approx. 300 x 150 cm (length x width)

Miele thermal disinfectors –
the perfect solution to meet your needs

Exclusive

The PG 8591 thermal disinfector 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 filtration, this is the ideal solution for reprocessing intricate and narrow-lumened instruments.

The all-rounder

The PG 8581 thermal disinfector represents a universal solution for cleaning and disinfecting dental instruments. The combination of spray pressure, sensors and application-specific programmes on the PG 8581 thermal disinfector guarantees outstanding reprocessing results.

ProCare Dent:
Carefully matched process chemicals

More information
on Page 54 ff.

Ergonomic

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 space-savingly in the plinth.

Compact

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

PWD 8531, PWD 8532 thermal disinfectors

Miele benefits with a payback

Greater efficiency for smaller practices
- As countertop version, free-standing or built-under - a solution for every hygiene room
- A right-sized chamber adapted to suit reprocessing in small surgeries
- Capacity: 12 injector nozzles and instrument sets* for up to 70 patients

* Instrument set consisting of mouth mirror, probe and forceps

Convenient operation
- Direct-access buttons for fast access to programmes
- 4" colour display
- Visual control thanks to all-glass door
- Easy-to-clean glass surface

Greater safety
- Proven Miele quality benefitting from Miele's significant experience in application technology
- Independent systems for the continuous monitoring of process parameters, in particular pressure and temperature.
- Comprehensive process documentation

High quality
- Integrated water softener for optimum results
- Dry Plus hot-air drying to preserve the value of instruments
- Triple water filtration for optimum rinse results
- High-quality stainless steel used in chamber, on spray arms and on filters for product longevity

Simple dispensing
- Automatic and simple dispensing of liquids via two dispenser pumps.
- On the PWD 8531, process chemicals are dispensed from integrated chemical reservoirs during the appropriate reprocessing phases.
- On the PWD 8532 with its plinth, dispensing is from two integrated 5 l canisters.

Thorough drying
- Ideal solution for lumened instruments
- DryPlus hot air drying with an upstream HEPA H 14 filter (retention rate: 99.995%)

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 display 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	1x cold water and 1x de-min. water connection	1x cold water and 1x de-min. water connection
Integrated water softener for cold and hot water, max. 65°C	•	•
2 dispenser pumps	1 x for liquid cleaning agent and 1 x for rinsing agent	1 x for liquid cleaning agent and 1 x for rinsing agent
Drying	Integrated DryPlus hot air drying	Integrated DryPlus hot air drying

Designation	Casing	Machine width	Electrical connection	Mat. no.	Art. no.	EAN no.	Price

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 (AD) water is recommended in the final rinse. If demineralised water is not used, cold water consumption increases by 6 l.

Equip your thermal disinfector with:
- Baskets and components from Page 24
- Process chemicals on Page 54 ff.
- Process documentation on Page 68 ff.

Thermal disinfectors

PWD 8531 and PWD 8532

Construction type and design	PWD 8531	PWD 8532
Countertop unit	•	-
Undercounter/freestanding unit with lid	-	•
Controls/programmes		
7 programmes	•	•
Vario TD Dental	•	•
Vario TD Intensive	•	•
Fill Dos1	•	•
Fill Dos3	•	•
Touch on Glass	•	•
Direct-access pushbuttons	•	•
Programmability	•	•
Time left display	•	•
Programme sequence display	•	•
Buzzer, acoustic signal at end of programme	•	•
Connection options		
RS232 serial interface	•	•
Water connections		
1 x cold water, 2.0–8 bar flow pressure (200–800 kPa) (protection against backsiphoning according to EN 1717)	•	•
1 x demineralised water, 1.0–8 bar flow pressure (100–800 kPa) (protection against backsiphoning according to EN 1717)	•	•
2 x inlet hoses with ¾" threaded union, L = approx. 2.0 m	•	•
Circulation pump [Qmax. l/min.]	90	90
Drain pump Ø 22 mm, Max. head height: 80 cm	•	•
Integrated water softener for cold and hot water, max. 65°C	•	•
Max. permissible water hardness with water hardener	6.1 mmol/l	6.1 mmol/l
Electrical connection		
AC 230 V 50 Hz, supply lead, approx. 2.0 m, 3 x 2.5 mm² incl. plug	•	•
Heating [kW]	2.6	2.6
Total rated load [kW]	2.75	2.75
Fuse rating [A]	1 x 16	1 x 16
Dispenser systems		
1 dispenser pump for liquid detergent	•	•
1 dispenser pump for liquid surfactant	•	•
Steam condenser	•	•
Drying unit/Radial fan		
Fan [kW]	0.1	0.1
Heater bank [kW]	0.75	0.75
Total rated load [kW]	0.8	0.8
Air throughput [m³/h]	35	35
Temperature selection in 1° increments [°C]	•	•
Time selection in 1-minute increments [min]	•	•
Particulate filter/HEPA filter/filter rating (DIN EN 1822)/filter life	99.995	99.995
HEPA filter service life in h	1000	1000
Emission values		
Emission sound pressure level in the workplace: <70 dB (A) re 20 µPa	•	•
Heat dissipation to room in MJ/h	0.83	0.83
Dimensions, weight		
External dimensions H/W/D [mm]	535 + 20 x 570 (+75) x 575	825 x 560 x 577
Chamber dimensions H/W/D [mm]:	375 x 415 x 480	375 x 415 x 480
Weight [kg]	55	67
Maximum floor load in N/m²	150	175
Casing, door		
Casing	Stainless steel	Stainless steel
Full-glass door	•	•
Compliance with standards		
DIN EN ISO 15883-1/2, EN 61010-2-040	•	•
Test certificates and symbols		
IP 21	•	•
CE0051	•	•

PG 8581, PG 8591 thermal disinfectors

Miele benefits with a payback

Greater performance

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

- The innovative heater pump adjusts pump pressure to the programme stage in question, thereby ensuring optimum results.
- Capacity: 44 lumened instruments + instrument sets* for up to 160 patients

* Instrument set consisting of mouth mirror, probe and forceps

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
- Laser technology is used to weld the chamber, which does not contain visible heater elements, to give a perfectly smooth, crevice-free finish offering no nooks or crannies where blood or soil can accumulate

More convenience

Numerous convenience features make work processes easier for users.

- The patented salt container is located in the door for easy access.
- AutoClose: Slight contact between the door and the casing is sufficient to automatically close the door
- 'Touch on Steel' controls: The control panel consists of a continuous, flush stainless steel surface.

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.

The integrated sensors monitor deviations from the selected 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 releases hot, moisture-laden air, allowing the load to dry and cool down faster.
- DryPlus hot-air drying on the PG 8591 with upstream HEPA 13 filter represents an ideal solution when dealing with narrow-lumened instruments.

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 meet Miele's high quality standards and ensure excellent cleaning performance with constantly high wash pressure – for reliable reprocessing results.

Constant high spray pressure and repeatable reprocessing results.

Model overview

Features, programmes, cycle times

Certification:
The PG 8581 and PG 8591 are fully compliant with the EU Medical Device Directive.

Maintenance: Every 24 months or after 1000 hours at the latest.

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
Transmission instruments [Capacity]	44	44
Saliva extractors [Capacity]	44	44
Drying	EcoDry	DryPlus
Electrical connection	3-phase***	3-phase***
Casing options		
White casing, Metal (AW)	•	•
Stainless steel (AE)	•	•
Controls/programmes		
TouchControl/No. of programmes	6	7
2 vacant programme slots	•	•
AutoClose - Automatic door lock	•	•
Buzzer, acoustic signal at end of programme	•	•
Ethernet module/RS232/DataDiary module for process documentation	Optional	Optional
Ethernet/WiFi communication module to connect to digital products	•	•
Water connections		
1 x cold water, 2.0–10 bar flow pressure (200–1000 kPa) (protection against backsiphoning according to EN 1717)	•	•
1 x cold water for steam condenser, 2.0–10 bar flow pressure (200–1000 kPa) (protection against backsiphoning according to EN 1717)	•	•
1 x demineralised water, 2.0–10 bar flow pressure (200–1000 kPa) (protection against backsiphoning according to EN 1717)	•	•
No. of inlet hoses, ½" with ¾" threaded union, l = approx. 2.0 m	3	4
Drain pump Ø 22 mm, Max. head height: 100 cm	•	•
WaterProof System (WPS)	•	•
Circulation pump capacity [kW]	0.8	0.8
Dispensers / Connection option DOS K 85 Flex	-	1
Water softener	•	•
Steam condenser	•	•

Equip your thermal disinfector with:
- Baskets and components from Page 24
- Process chemicals on Page 54 ff.
- Process documentation on Page 68 ff.

Miele Professional on the Internet: Detailed information on technical specifications, features and components is available on www.miele-professional.com

* without lid (lid supplied with machine)
** cleaning and thermal disinfection
*** single-phase optional

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Thermal disinfector

PG 8581 and PG 8591

Thermal disinfector	PG 8581	PG 8591
Undercounter/freestanding unit with lid	•	•
Circulation pump [Qmax. l/min.]	500	500
Controls/programmes		
TouchControl/No. of programmes	6	7
2 vacant programme slots	•	•
AutoClose - Automatic door lock	•	•
Buzzer, acoustic signal at end of programme	•	•
Ethernet module/RS232/DataDiary module for process documentation	Optional	Optional
Ethernet/WiFi communication module to connect to digital products	•	•
Water connections		
1 x cold water, 2.0–10 bar flow pressure (200–1000 kPa) (protection against backsiphoning according to EN 1717)	•	•
1 x cold water for steam condenser, 2.0–10 bar flow pressure (200–1000 kPa) (protection against backsiphoning according to EN 1717)	•	•
1 x demineralised water, 2.0–10 bar flow pressure (200–1000 kPa) (protection against backsiphoning according to EN 1717)	•	•
1 x hot water, 2.0–10 bar flow pressure (200–1000 kPa) (protection against backsiphoning according to EN 1717)	–	•
No. of inlet hoses, ½" with ¾" threaded union, l = approx. 2.0 m	3	4
Drain pump Ø 22 mm, Max. head height: 100 cm	•	•
WaterProof System (WPS)	•	•
Electrical connection		
3N AC 400 V 50 Hz convertible to AC 230 V 50 Hz, supply lead, approx. 2.0 m, 5 x 2.5 mm² incl. plug	•	•
Heating [kW]	8.5	8.5
Circulation pump [kW]	0.8	0.8
Total rated load [kW]	9.3	9.3
Fuse rating [A]	3 x 16	3 x 16
Dispenser systems		
1 door dispenser for surfactant	•	•
1 dispenser pump for liquid detergent (siphon length: 217 mm)	•	•
1 dispenser pump for neutralising agent (siphon length: 217 mm)	•	–
Connection options		
DOS K 85 Flex or DOS K 85/1 Flex for liquid dispensing	–	1
Water softener		
For hot and cold water, max 65°C	•	•
Steam condenser		
Aerosol	•	•
Drying unit/Radial fan		
Fan [kW]	–	0.3
Heater bank [kW]	–	2.2
Total rated load [kW]	–	2.5
Air throughput [m³/h]	–	60
Temperature selection in 1° increments [°C]	–	50 – 115
Time selection in 1-minute increments [min]	–	0 – 120
Particulate filter/HEPA filter/filter rating (DIN EN 1822)/filter life	–	H 13/>99.95%/200 h
Dimensions, weight		
External dimensions H/W/D (without lid H 820 mm) [mm]	835/600/600	835/600/600
Chamber dimensions H/W/D [mm]:	522/536/O = 518, U = 523	522/536/O = 518, U = 523
Weight [kg]	74	78
Casing options		
White casing, Metal (AW)	•	•
Stainless steel (AE)	•	•
Compliance with standards		
DIN EN ISO 15883-1/2/6, EN 61010-2-040, EN 61326 -1	•	•
Test certificates and symbols		
IP 21	•	•
CE 0297	•	•

Cycle times and consumption

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	42	37.1	–	9.0	2.5	7	–
Vario TD Dental +	56	49.5	–	13.0	3.1	5	–
Vario TD Intensive	94	15	–	74.0	3.7	8	–
Special 93 °C-10 min	56	41.5	–	14.0	3.8	3	–
Rinse	4	10.0	–	–	0.01	–	–

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	40	18.6	18.5	9.0	2.2	34*	0.9
Vario TD Dental +	54	22.8	26.7	13.0	2.7	52	0.9
Vario TD Intensive	94	15.0	–	74.0	3.7	51	1.0
Special 93 °C-10 min	52	11.9	29.6	14.0	3.3	79	1.4
Rinse	4	10.0	–	–	0.01	–	–
Drying	–	–	–	–	–	40	0.7

Equip your thermal disinfector with:

- Baskets and components from Page 24
- Process chemicals on Page 54 ff.
- Process documentation on Page 68 ff.

* In combination with Miele ProCare Dent 40 surfactant.

Dental components for the safe reprocessing of instruments in thermal disinfectors

Miele benefits with a payback

Broad product portfolio
We offer the perfect reprocessing solution for all types of instruments – depending on requirements, in the form of adapters, inserts or injection nozzles.

Innovative solutions
Through ongoing exchanges with users, we arrive at practical solutions which can be reconfigured to suit individual disciplines.

High capacity
Up to 44 lumened instruments in addition to instrument sets – consisting of a mouth mirror, a probe and forceps – for up to 160 patients can be reprocessed using a variety of inserts and adapters in the PG 85xx.

Highly versatile
Thanks to our modular approach, loads can be put together to reflect instrument throughput.

Safety for peace of mind
Reliable reprocessing is based on many years of experience in application technology and fully compliant documentation.
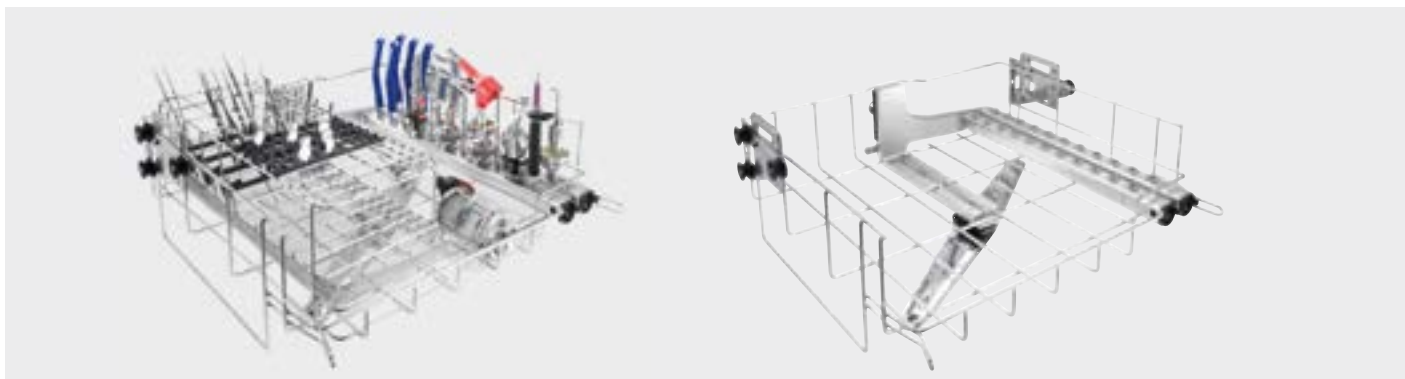

Top-class efficiency
Our products are characterised by longevity, top quality and the guaranteed availability of spare parts.

Components to meet all needs – Sample uses

General dental medicine

Sample load for the reprocessing of lumened and non-lumened instruments

Components	Description	Mat. no.
A 105/1	**Upper basket, height-adjustable, without injector nozzles, for various instruments.**	**10777260**
A 836	Injector nozzle set, for lumened instruments used in dental applications.	11054660
A 800	Tubular filter, for safe and economic reprocessing of lumened instruments.	09960680
A 804	Cleaning brush, for optimum cleaning of A 800 tubular filter.	09960720
A 803	Holder, for loading of transmission instruments.	09863100
AUF 1	Holder, for reprocessing of transmission instruments in O 177/1 upper basket.	05159510
ADS 1	Silicone adapter, for transmission instruments when using AUF 1 or AUF 2.	05159530
ADS 2	Silicone adapter, for transmission instruments when using AUF 1 or AUF 2.	05159540
ADS 3	Silicone adapter, for transmission instruments when using AUF 1 or AUF 2.	05159550
A 801	Adapter for use of AUF 1 and AUF 2 in combination with A 105.	09862940
A 813/1	Adapter, for transmission instruments with external spray channel.	11763880
A 814/1	Holder, for reprocessing Air Scalers and piezo scaler tips.	11691870
A 819	Irrigation sleeve, for lumened instruments.	10721750
E 337/1	Insert, for upright instruments.	07984130
A 830/1	Insert for separable mouth mirrors.	11729480
E 430/1	Insert to accommodate a variety of instruments.	06643200
E 473/2	Filter with lid, for various small components.	10623720
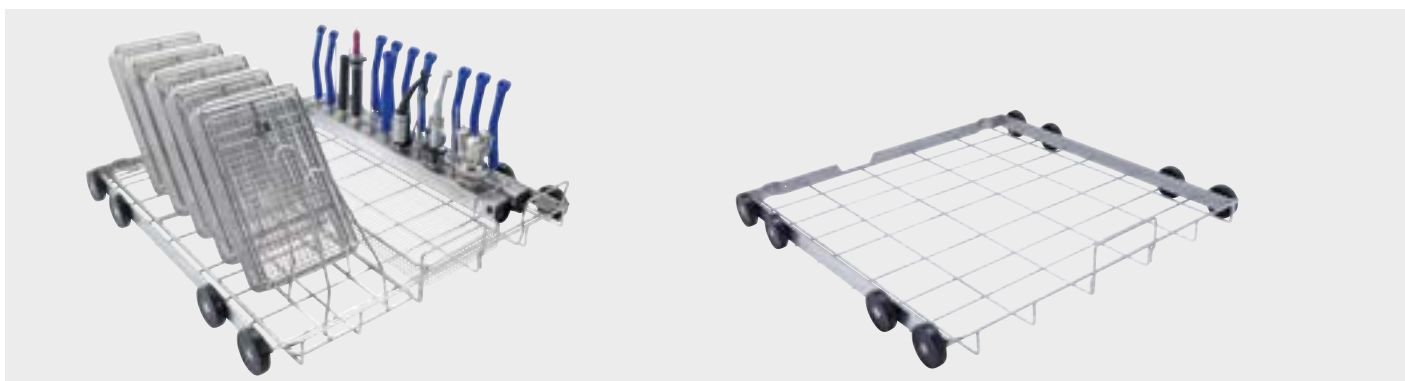
Components	Description	Mat. no.
A 151	**Upper basket, for various standard DIN mesh trays and various inserts.**	**9862410**
A 315	Module, for increased capacity and reprocessing of lumened instruments in dentistry.	11055980
E 430/1	Insert to accommodate a variety of instruments.	06643200
E 198	Insert, for up to 6 mesh trays/kidney dishes.	07984040
E 197	Insert to accommodate a variety of instruments.	07984090

Components to meet all needs - Sample uses

Implantology and Orthodontics

Sample load for reprocessing up to 18 large trays and 22 lumened instruments

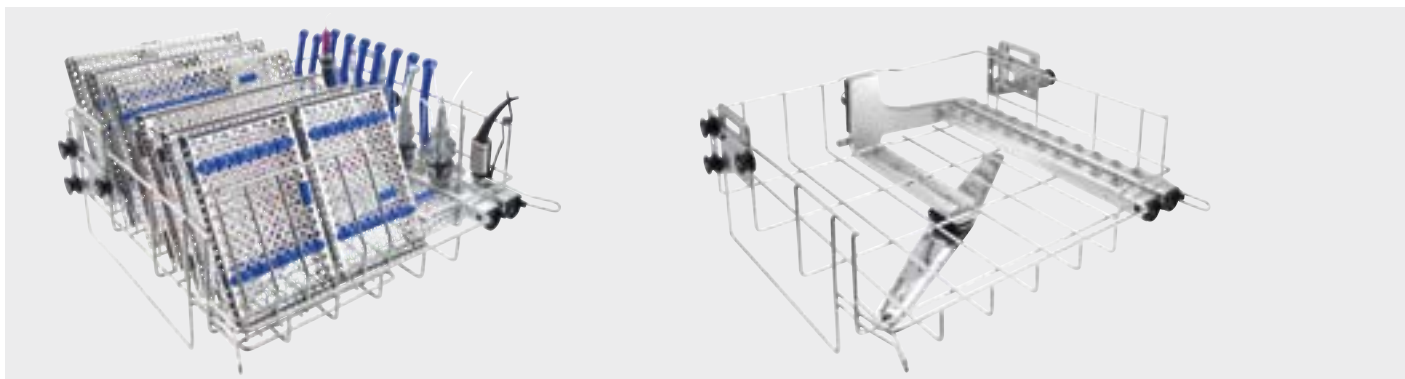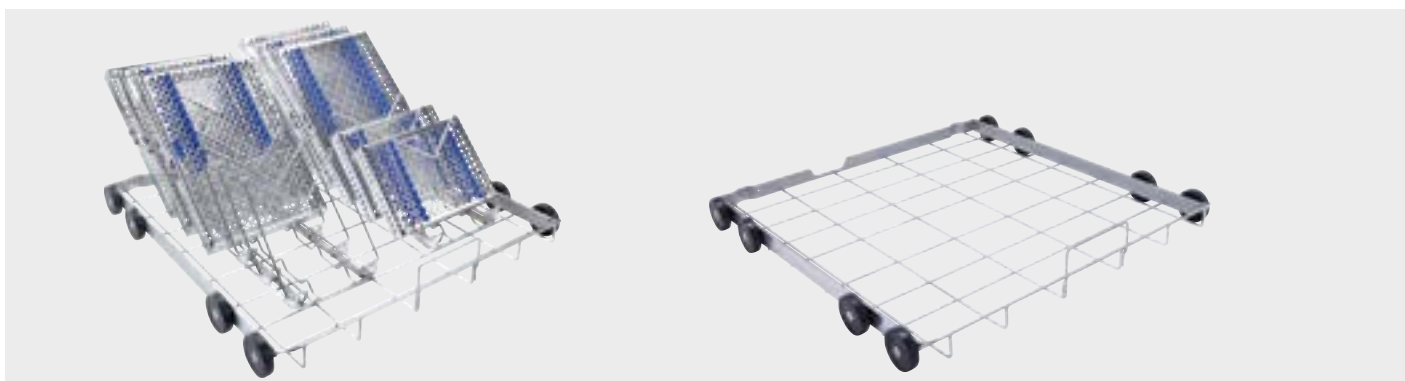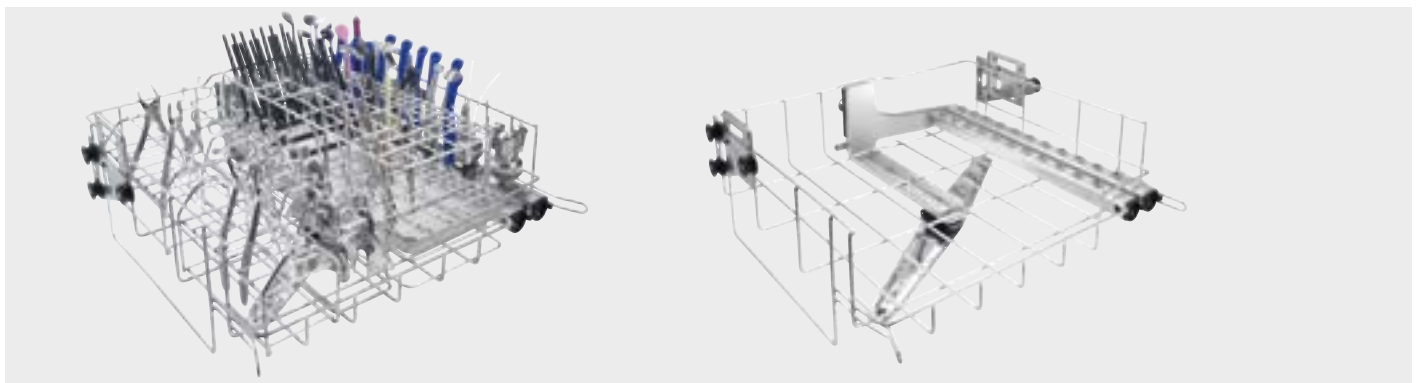| Components	Description	Mat. no.
A 105/1	**Upper basket, height-adjustable, without injector nozzles, for various instruments.**	**10777260**
A 836	Injector nozzle set, for lumened instruments used in dental applications.	11054660
A 800	Tubular filter, for safe and economic reprocessing of lumened instruments.	09960680
A 804	Cleaning brush, for optimum cleaning of A 800 tubular filter.	09960720
A 803	Holder, for loading of transmission instruments.	09863100
AUF 1	Holder, for reprocessing of transmission instruments in O 177/1 upper basket.	05159510
ADS 1	Silicone adapter, for transmission instruments when using AUF 1 or AUF 2.	05159530
ADS 2	Silicone adapter, for transmission instruments when using AUF 1 or AUF 2.	05159540
ADS 3	Silicone adapter, for transmission instruments when using AUF 1 or AUF 2.	05159550
A 801	Adapter for use of AUF 1 and AUF 2 in combination with A 105/1.	09862940
A 865	Perfect hold for MF and 3F syringes	11709860
A 813/1	Adapter, for transmission instruments with external spray channel.	11763880
A 819	Irrigation sleeve, for lumened instruments.	10721750
E 523	Insert, for 6 mesh trays.	05649700

Components	Description	Mat. no.
A 151	**Upper basket, for various standard DIN mesh trays and various inserts.**	**09862410**
A 317 (2x)	Insert, for 6 mesh trays.	11710110

# Components to meet all needs - Sample uses

Orthodontics

Sample load for the reprocessing of instruments, forceps and dental impression plates

Components	Description	Mat. no.
A 105/1	**Upper basket, height-adjustable, without injector nozzles, for various instruments.**	**10777260**
A 836	Injector nozzle set, for lumened instruments used in dental applications.	11054660
A 800	Tubular filter, for safe and economic reprocessing of lumened instruments.	09960680
A 804	Cleaning brush, for optimum cleaning of A 800 tubular filter.	09960720
A 803	Holder, for loading of transmission instruments.	09863100
AUF 1	Holder, for reprocessing of transmission instruments in O 177/1 upper basket.	05159510
ADS 1	Silicone adapter, for transmission instruments when using AUF 1 or AUF 2.	05159530
ADS 2	Silicone adapter, for transmission instruments when using AUF 1 or AUF 2.	05159540
ADS 3	Silicone adapter, for transmission instruments when using AUF 1 or AUF 2.	05159550
A 801	Adapter for use of AUF 1 and AUF 2 in combination with A 105.	09862940
A 813/1	Adapter, for transmission instruments with external spray channel.	11763880
A 865	Perfect hold for MF and 3F syringes	11709860
A 814/1	Holder, for reprocessing Air Scalers and piezo scaler tips.	11691870
E 337/1	Insert, for upright instruments.	07984130
A 830/1	Insert for separable mouth mirrors.	11729480
E 521/2 (2x)	Insert, for 7 extraction, orthodontic or technical forceps.	07476430
E 522/1 (2x)	Insert, for 9 dental impression plates.	06697010
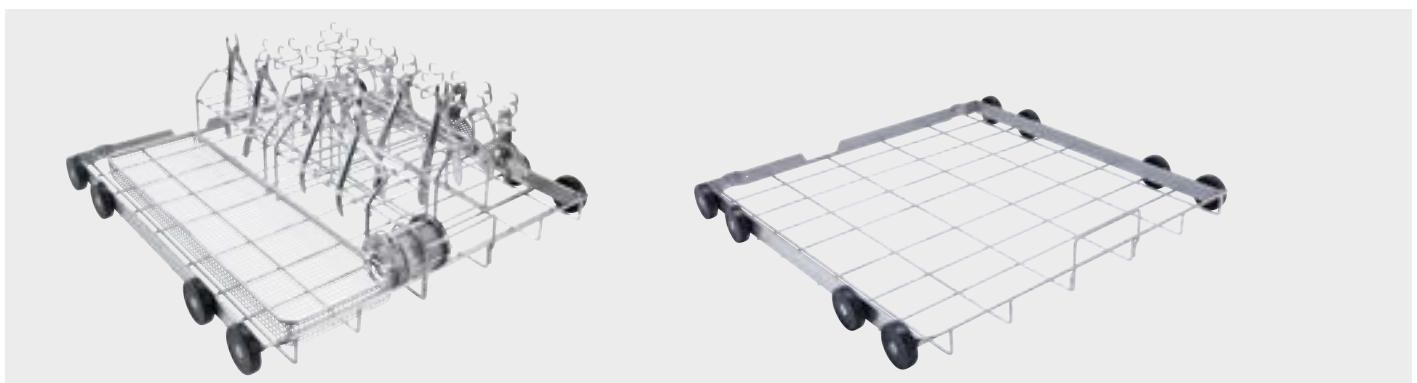
Components	Description	Mat. no.
A 151	**Upper basket, for various standard DIN mesh trays and various inserts.**	**09862410**
E 430/1	Insert to accommodate a variety of instruments.	06643200
E 521/2 (2x)	Insert, for 7 extraction, orthodontic or technical forceps.	07476430
E 522/1 (2x)	Insert, for 9 dental impression plates.	06697010
E 473/2	Filter with lid, for various small components.	10623720

Dental components for thermal disinfectors

Components for PWD 8531 and PWD 8532

Baskets and inserts				Holders, adapters and nozzles		
APWD 061 **Page 32**	APWD 060 **Page 32**	APWD 062 **Page 32**	APWD 063 **Page 32**	APWD 064 - 071 **Page 33**	APWD 072 + 073 **Page 34**	A 822 **Page 34**

Benefit packs for PG 8581 and PG 8591

Benefit packs incl. reprocessing of dental hand-pieces

A 105/1 **Page 36**	A 151 **Page 36**	A 800 **Page 36**	A 804 **Page 37**	A 803 **Page 38**	A 836 **Page 36**	E 337/1 **Page 44**	E 430/1 insert **Page 46**	E 473/2 **Page 48**

Benefit packs excl. reprocessing of dental hand-pieces

A 105/1 **Page 36**	A 151 **Page 36**	A 836 **Page 36**	E 337/1 **Page 44**	E 430/1 **Page 46**	E 473/2 **Page 48**

Components for PG 8581 and PG 8591

Baskets and basket components

A 105/1 **Page 36**	A 836 **Page 36**	A 102 **Page 36**	A 151 **Page 36**	A 315 **Page 36**	A 800 **Page 36**	A 804 **Page 37**	UBS 3 **Page 37**

Holders, adapters			Reprocessing of dental nitrous oxide sedation systems			Nozzles		
A 803 **Page 38**	A 812 **Page 38**	A 865 **Page 38**	APWD 325 **Page 39**	APWD 328 **Page 39**	APWD 326 **Page 39**	E 336 **Page 42**	A 817 **Page 42**	A 819 **Page 43**

Dental components for thermal disinfectors

Components for PG 8581 and PG 8591

Holders and filters

A 801	AUF	FP filter inserts	ADS
Page 40	Page 40	Page 40	Page 40-41

Inserts for various instruments

E 146	E 198	E 363	E 131/1	E 337/1	E 468	APWD 329	E 476	E 130	E 523	A 317	E 339/1
Page 39	Page 44	Page 44	Page 44	Page 44	Page 44	Page 44	Page 45	Page 45	Page 45	Page 45	Page 45

E 378	E 379	E 806/1	E 430/1	E 441/1	E 520	E 147/1
Page 45	Page 46	Page 46	Page 46	Page 46	Page 46	Page 46

Dispensing components
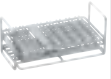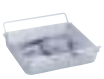
PG 8596	DOS K 85/1 Flex	DOS K 85 Flex
Page 47	Page 47	Page 47

Plinths

UG 30-60/60-85	UG 30-90/60-85
Page 47	Page 47

Further components, cf. Page 48

Components for all Miele thermal disinfectors

Inserts for various instruments

E 197	E 473/2	E 491	E 802/1	A 830/1	E 522/1	E 521/2	E 801/1	E 807	E 143	A 815	A 813/1	A 814/1
Page 48	Page 48	Page 48	Page 48	Page 48	Page 48	Page 49	Page 49	Page 49	Page 49	Page 49	Page 49	Page 50

For reprocessing with demineralised water

PG 8595	SK	UfZ	VE P 2800	LP 2800	E 315	E 316	VE P 2000	CM/1
Page 51	Page 51	Page 51	Page 51	Page 51	Page 52	Page 52	Page 52	Page 52

APWD 060 injector basket: Loading options

for PWD 8531 and PWD 8532
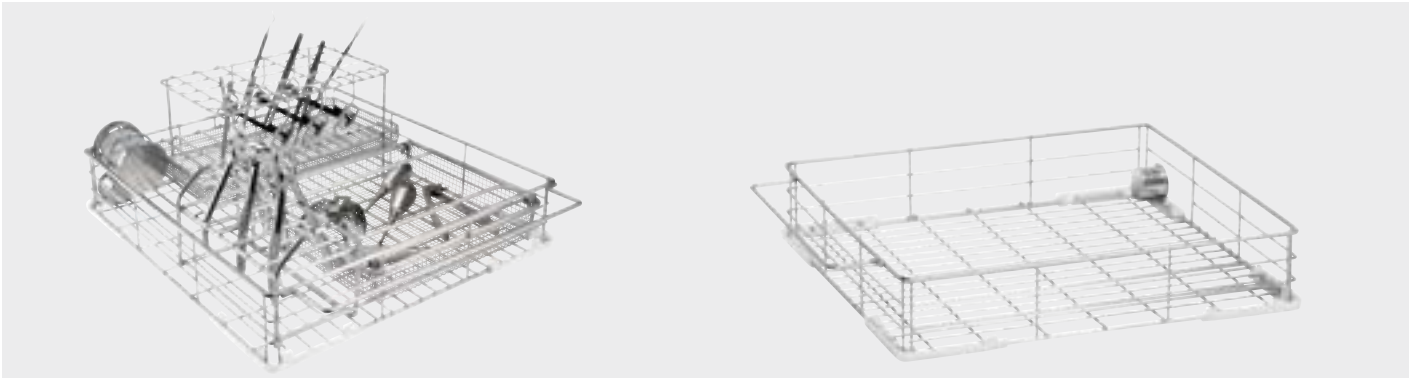
Components	Description	Mat. no.
APWD 060	**Basket, for various inserts and mesh trays.**	**11017140**
E 802/1	Insert, for various vertical instruments.	07984170
E 143	Insert to accommodate a variety of instruments.	03830310
E 473/2	Filter with lid, for various small components.	10623720
E 521/2	Insert, for 7 extraction, orthodontic or technical forceps.	07476430
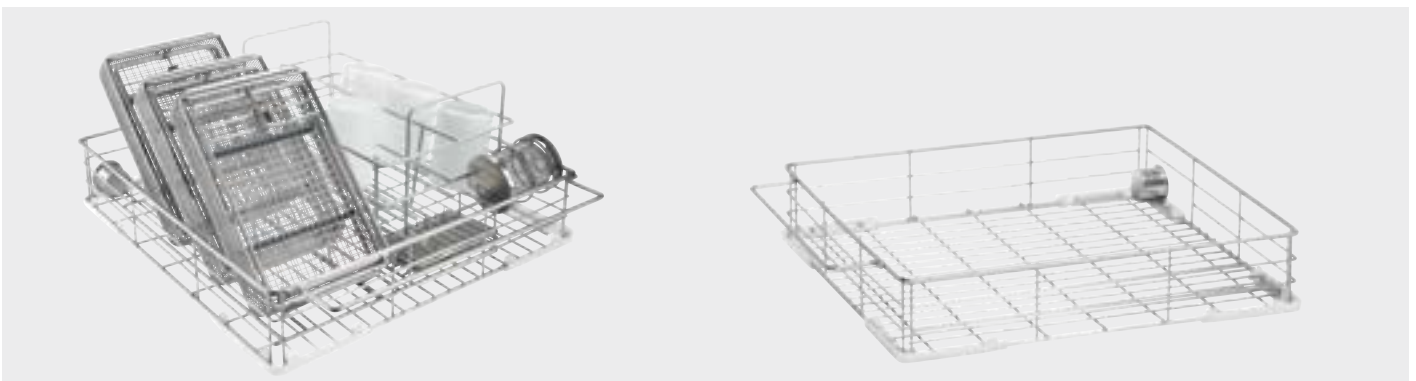
Components	Description	Mat. no.
APWD 060	**Basket, for various inserts and mesh trays.**	**11017140**
E 801/1	Insert, for 8 mouth rinsing beakers.	05673820
E 807	Insert, for 3 mesh trays and kidney dishes.	07984220
E 197	Insert to accommodate a variety of instruments.	07984090
E 491	Insert, for rotating instruments.	07600210
E 473/2	Filter with lid, for various small components.	10623720

Loading options for APWD 061 injector basket

for PWD 8531 and PWD 8532
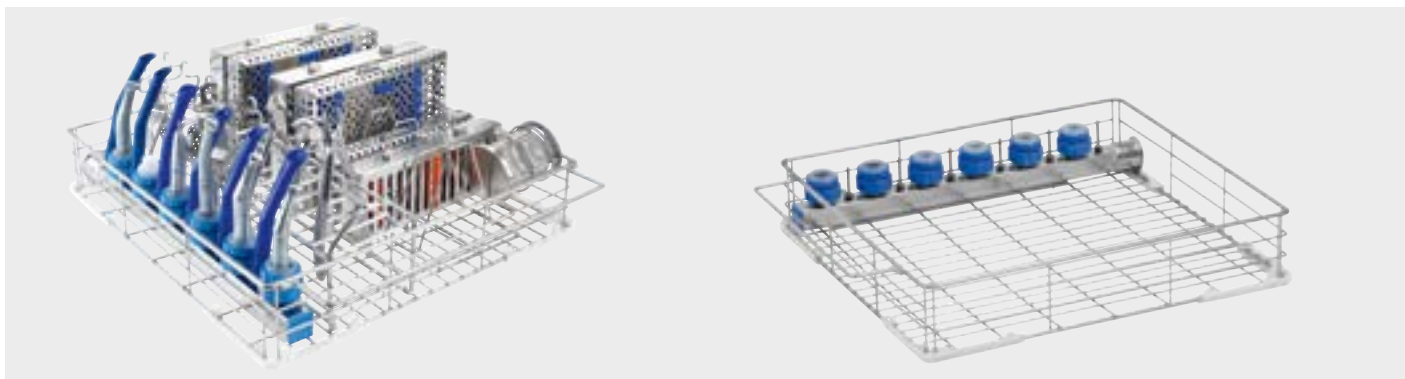
Components	Description	Mat. no.
APWD 061	**Basket, for handpieces, different inserts and mesh trays.**	**11017150**
APWD 063	Insert, for 8 trays or cassettes.	11017170
E 473/2	Filter with lid, for various small components.	10623720
E 521/2	Insert, for 7 extraction, orthodontic or technical forceps.	07476430
E 522/1	Insert, for 9 dental impression plates.	06697010
APWD 072	Injector nozzle, for optimum reprocessing of hollow instruments, e.g. saliva extractors.	11127460
APWD 073	Adapter, for additional APWD 072 injector nozzles in APWD 061 basket.	11127500

Components	Description	Mat. no.
APWD 061	**Basket, for handpieces, different inserts and mesh trays.**	**11017150**
APWD 062	Insert, for upright instruments.	11017160
E 807	Insert, for 3 mesh trays and kidney dishes.	07984220
E 197	Insert to accommodate a variety of instruments.	07984090
E 473/2	Filter with lid, for various small components.	10623720

Components: Baskets and inserts
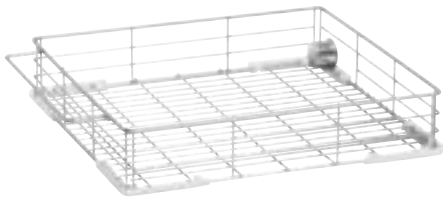
APWD 060
Basket, for various inserts and mesh trays.
• Loading HWD 230, 370 mm, 395 mm
• A depth of just 370 mm is available in the area of the basket coupling across a width of 50 mm.
• H 85, W 395, D 469 mm
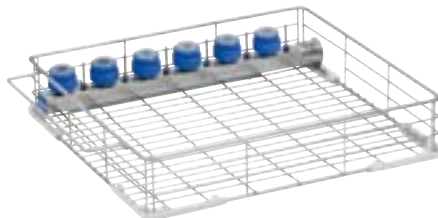
APWD 061
Basket, for handpieces, different inserts and mesh trays.
• Equipped with 6 holders for handpieces, contra-angles and turbines
• 6 injectors Ø 3.8 mm x 15 mm for saliva extractors
• Active inner drying of dental hand-pieces and contra-angles
• Loading dimensions H 230, W 320, D 395 mm
• H 85, W 395, D 469 mm

APWD 062
Insert, for upright instruments.
• Suitable for probes, tweezers and mouth mirrors
• H 122, W 124, D 395 mm
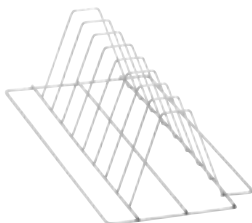
APWD 063
Insert, ideal for up to 8 trays or cassettes.
• Equipped with 9 holders, spacing: 40 mm
• H 110, W 180, D 390 mm

Article	Description	Mat. no.	Art. no.	EAN no.
APWD 060	Basket for the optimum loading of different inserts and mesh trays.	11017140	68406000D	4002516066644
APWD 061	Basket for the optimum loading of handpieces, different inserts and mesh trays.	11017150	68406100D	4002516066651
APWD 062	Insert for the optimum loading of upright instruments.	11017160	68406200D	4002516066668
APWD 063	Insert for the optimum loading of up to 8 trays or cassettes.	11017170	68406300D	4002516066675

Components: Holders, adapters and nozzles

for PWD 8531 and PWD 8532

APWD 064
Blind stopper, for sealing connections not occupied by transmission instruments.
• H 23.5, W 25, D 25 mm

APWD 067
Adapter, upper section for adapters for reprocessing transmission instruments.
• Can only be used with matching APWD 068 lower section
• H 18.5, W 35, D 35 mm

APWD 068
Adapter, lower section for use on injector rail of APWD 061 injector basket.
• Can only be used with matching APWD 067 upper part
• H 30.5, W 40, D 40 mm

APWD 069
Filter, prevents particles from entering transmission instruments.
• To avoid blockages by micro particles
• Stainless steel, reprocessable
• H 1, W 30, D 30 mm

APWD 070
Silicone adapter, for holding transmission instruments, Ø 19–21 mm
• Can only be used with APWD 067 holder
• H 20.5, W 27, D 27 mm

APWD 071
Silicone adapter, for holding transmission instruments, Ø 14–17 mm
• Can only be used with APWD 067 holder
• H 20.5, W 27, D 27 mm

Article	Description	Mat. no.	Art. no.	EAN no.
APWD 064	Cap for optimum reprocessing of transmission instruments.	11017180	68406400D	4002516066682
APWD 067	for optimum reprocessing of transmission instruments in APWD 061 basket for optimum reprocessing of transmission instruments in APWD 061 basket	11017200	68406700D	4002516066729
APWD 068	Holder, lower section for optimum reprocessing of transmission instruments in APWD 061 basket	11017210	68406800D	4002516066736
APWD 069	Filter for the reprocessing of transmission instruments with the APWD 068 holder	11017220	68406900D	4002516066743
APWD 070	Silicone adaptor for holding transmission instruments, Ø 19–21 mm	11017230	68407000D	4002516066750
APWD 071	Silicone adaptor for holding transmission instruments, Ø 14–17 mm	11017240	68407100D	4002516066767

Components: Holders, adapters and nozzles

for PWD 8531 and PWD 8532

APWD 072
Injector nozzle, for optimum reprocessing of hollow instruments, e.g. saliva extractors.
• Suitable for the APWD 061 basket
• Using adapter APWD 073
• Figure shows APWD 072 with APWD 073 adapter
• Ø 3.8 x 50 mm

APWD 073
Adapter, for additional APWD 072 injector nozzles in APWD 061 basket.

A 822
Adapter for use of A 814/1 in the injector baskets of PWD 8531 and PWD 8532.
• For use in injector basket APWD 061
• H 16, W 20, D 20 mm

Further components for all thermal disinfectors on Page 48 ff.

Article	Description	Mat. no.	Art. no.	EAN no.
APWD 072	Injector nozzle for optimum reprocessing of lumened instruments, particularly suction cups.	11127460	68407200D	4002516122289
APWD 073	Adapter for additional positioning of APWD 072 injector nozzles in the APWD 061 basket.	11127500	68407300D	4002516122296
A 822	Adapter for use of A 814/1 in the injector baskets of PWD 8531 and PWD 8532.	11691970	68682200D	4002516428565

Dental benefit packs

for PG 8581 and PG 8591
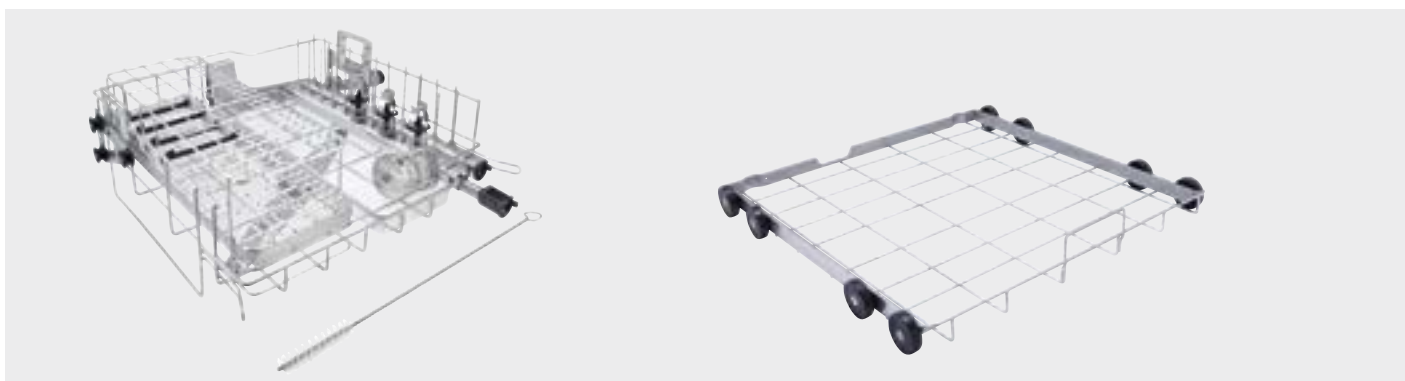
Components	Description	Mat. no.
Set Dent 1	**Benefit pack for PG 8581 and PG 8591 with reprocessing of dental handpieces and contra-angles.**	**10129190**
A 105/1	Upper basket, height-adjustable, without injector nozzles, for various instruments.	10777260
A 151	Upper basket, for various standard DIN mesh trays and various inserts.	09862410
E 473/2	Filter with lid, for various small components.	10623720
E 430/1	Insert to accommodate a variety of instruments.	06643200
A 803 (3x)	Holder, for loading of transmission instruments.	09863100
E 337/1	Insert, for upright instruments.	07984130
A 800	Tubular filter, for safe and economic reprocessing of lumened instruments.	09960680
A 804	Cleaning brush, for optimum cleaning of A 800 tubular filter.	09960720
A 836	Injector nozzle set, for lumened instruments used in dental applications.	11054660
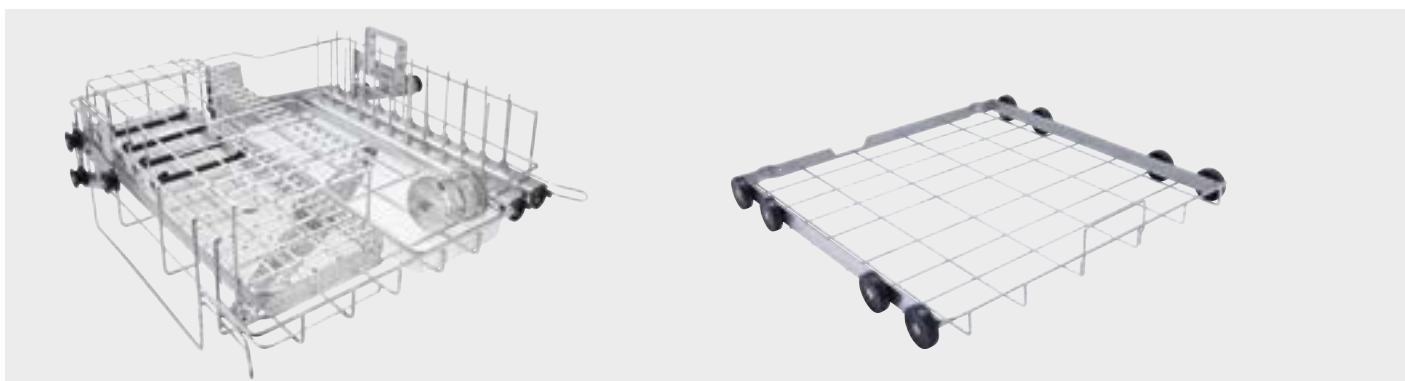
| Components	Description	Mat. no.
Set Dent 2	**Benefit pack for PG 8581 and PG 8591 without reprocessing of dental handpieces and contra-angles.**	**10882990**
A 105/1	Upper basket, height-adjustable, without injector nozzles, for various instruments.	10777260
A 151	Upper basket, for various standard DIN mesh trays and various inserts.	09862410
E 430/1	Insert to accommodate a variety of instruments.	06643200
E 473/2	Filter with lid, for various small components.	10623720
E 337/1	Insert, for upright instruments.	07984130
A 836	Injector nozzle set, for lumened instruments used in dental applications.	11054660

Baskets and basket components
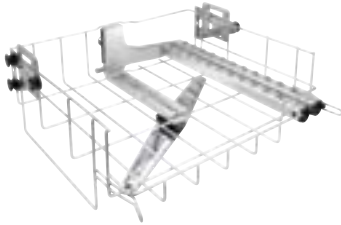
A 105/1
Upper basket, height-adjustable, without injector nozzles, for various instruments.
- Right-hand side: space for 22 injectors
- Left-hand side free for inserts
- Active internal drying of lumened instruments
- Active inner drying of dental hand-pieces and contra-angles
- A 800 tubular filter can be used in both injector manifolds
- Integrated 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 528 mm

Items included:
- A 838 set of spanners [qty]: 1
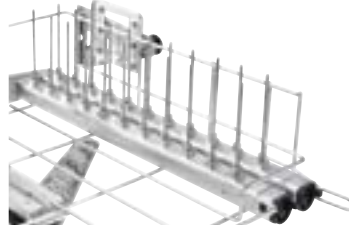
A 836
Injector nozzle set, for lumened instruments used in dental applications.
- For use in A 105/1 upper basket
- Pack of 22 dental injector nozzles (A 833)
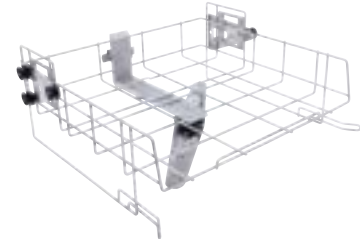
A 102
Upper basket, height adjustable, for inserts.
- Loading HWD 205 +/- 30 mm, 475 mm, 443 mm
- With integrated spray arm
- Open front
- H 206, W 528, D 527 mm
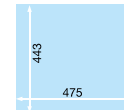
A 151
Upper basket, for various standard DIN mesh trays and various inserts.
- Vertical clearance dependent on upper basket
- combination with A 102 H 230 +/- 30 mm
  A 105 H 210 mm
- Loading width 490 mm, depth: 498 mm
- H 88, W 529, D 522 mm
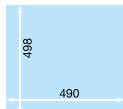
A 315
Module, for increased capacity and reprocessing of lumened instruments in dentistry.
- Increases the injector capacity from 22 to 44
- Backwards-compatible with all A 151 products on the market
- Compatible with all standard dental & ENT accessories
- Suitable for use with upper baskets A 101, A 102 and A 105/1
- Injector nozzles not provided
- Active inner drying of dental hand-pieces and contra-angles
- A 800 tubular filter for use in either injector rail (not provided)
- Loading dimensions when used in A 151 lower basket whilst at the same time using A 105/1 upper basket: H 210 +/- 30, W 383, D 479 mm
- Injector rail vertical clearance when using upper basket: A 105/1 135 mm +/- 30 mm
- H 145, W 492, D 542 mm
Items included:
- A 838 set of spanners [qty]: 1

A 800
Tubular filter, for safe and economic reprocessing of lumened instruments.
- Filter made from multi-ply stainless-steel mesh for load carriers
- Mesh size 63 µm
- Can be cleaned with A 804 cleaning brush
- For use in A 105/1 upper basket and A 315 module/injector
- H 405, W 22.5, D 22.5 mm

Article	Description	Mat. no.	Art. no.	EAN no.
A 105/1	Upper basket Height adjustable, without injector nozzles, for various instruments.	10777260	69610501D	4002515941157
A 836	Set of injector nozzles For optimum reprocessing of lumened instruments used in dental applications.	11054660	69783600D	4002516204091
A 102	Upper basket Height adjustable, for the optimum loading of inserts.	09862360	69610200D	4002515460634
A 151	Lower basket For holding standard DIN mesh trays as well as various inserts.	09862410	69615100D	4002515460689
A 315	Module For increased capacity and reprocessing of lumened instruments.	11055980	69631500D	4002516087861
A 800	Tubular filter For the safe and economic reprocessing of hollow instruments.	09960680	68680000D	4002515538081

Baskets and basket components

A 804
Cleaning brush, for optimum cleaning of A 800 tubular filter.
- Suitable for cleaning tubular filter A 800
- Twisted wire brush with spiral bristles
- Handle with grommet
- Length 500 mm, brush length 100 mm
- H 500, W 20, D 20 mm
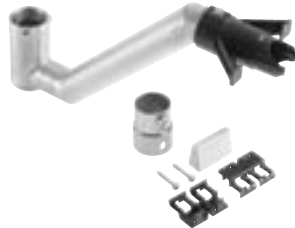
UBS 3
Conversion kit, for use with selected G 78 upper baskets in PG 85 series machines.
- For older load carriers without drying unit connection
- For older load carriers with welded water supply
- Conversion of upper basket by Miele Customer Service Department

Article	Description	Mat. no.	Art. no.	EAN no.
A 804	Cleaning brush For the optimum cleaning of the tubular filter A 800.	09960720	68680400D	4002515527238
UBS 3	Conversion kit For use with selected series G 78 upper baskets in PG 85 machines.	10131110	69215016D	4002515588994

Components: Holders, adapters, set of wrenches

A 803
Holder, for loading of transmission instruments.
- For use in A 105/1 upper basket and A 315 module together with A 800 tubular filter
- Suitable for numerous dental handpieces and turbines
- H 31.5, W 32, D 40 mm

A 812
Adapter, for transmission instruments with external spray channel.
- For use in O 177/1 upper basket
- Suitable for up to 4 transmission instruments, external spray channel
- Alternatively suitable for 3 tips of air scalers, piezo scalers
- H 480, W 44, D 44 mm

Items included:
- E 362 blind stopper [qty]: 4
- FP filter plate [qty]: 5

A 865
For perfect hold for MF and 3F syringes
- For use in A 105/1 upper basket and A 315 module
- Compatible with syringes from several well-known manufacturers
- Only for use in combination with A 800 tubular filter
- H 121.4, W 28, D 28 mm

A 838
Tool set, for adjusting basket heights and installing/removing injector nozzles.
- Set consisting of Torx wrench and open-jaw spanner
- Suitable for Miele upper baskets and mobile units

Article	Description	Mat. no.	Art. no.	EAN no.
A 803	Holder for the optimum loading of transmission instruments.	09863100	69680300D	4002515460993
A 812	Adapter Optimum reprocessing of transmission instruments with external spray channel.	10619680	68681200D	4002515830307
A 865	Holder for holding multi-functional and 3F syringes perfectly.	11709860	69686500D	4002516413752
A 838	Key set For adjusting basket heights and installing/removing injector nozzles.	11054290	69783800D	4002516171720

Components for reprocessing of dental nitrous oxide sedation systems

for PG 8581 and PG 8591

APWD 325
Insert for reprocessing dental nitrous oxide sedation hoses.
- Simultaneous reprocessing of up to 5 double hose sets possible
- With adapter set for secure connection to injector system
- Reliable internal/external cleaning and drying of hoses
- Parallel reprocessing of patient masks in E 146 mesh tray
- Large capacity maintained for other instruments in each cycle
- H 132, W 323.5, D 379 mm

APWD 328
Insert with extension set for reprocessing dental nitrous oxide sedation systems.
- Capacity expansion to up to a total of 5 double hose sets
- 5x clip and swivel plates
- H 77, W 90, D 100 mm

APWD 326
Retrofit set with adapters for double hoses used in dental nitrous oxide systems
- Contains 2 adapters
- Retrofit kit for APWD 325
- H 65, W 40, D 78 mm

E 146
Insert, for various instruments.
- For dental sedation masks
- Mesh width on the base 3 mm, sides 1.7 mm, lid 8 mm
- Equipped with 2 hinged handles
- For use in upper and lower basket
- H 55, W 150, D 225 mm

Article	Description	Mat. no.	Art. no.	EAN no.
APWD 325	Insert for reprocessing hoses used in dental nitrous oxide sedation systems.	12036420	68632500D	4002516610908
APWD 328	Insert expansion set for reprocessing dental nitrous oxide systems.	12036450	68632800D	4002516611028
APWD 326	Adapter retrofit set with adapters for double hoses used in dental nitrous oxide systems	12036440	68632600D	4002516611011
E 146	Insert For the optimum loading of different instruments.	03346680	69514601D	4002511116009

Components: Holders and filters for use with A 801 adapters

AUF 1
Holder, for reprocessing of transmission instruments in O 177/1 upper basket.
• Can also be used with adapter A 801 in A 105/1 upper basket
• Consists of: Seal, threaded bush, bracket, filter housing lower section, upper section, 5 filter inserts

Items included:
• FP filter plate [qty]: 5

AUF 2
Holder, for reprocessing of transmission instruments in O 801/2 upper basket.
• Can also be used with adapter A 801 in A 105/1 upper basket
• Consists of: Seal, threaded bush, bracket, filter housing lower section, upper section, 5 filter inserts

Items included:
• FP filter plate [qty]: 5

FP 20
Filter insert, for dental and surgical handpieces with AUF 1/AUF 2.
• To avoid blockages by micro particles
• Porosity 2
• 20 filter plates per pack
• Diameter 30 mm

A 801
Adapter for use of AUF 1 and AUF 2 in combination with A 105/1.
• H 50, W 50, D 50 mm

ADS 1
Silicone adapter, for transmission instruments when using AUF 1 or AUF 2.
• For dental and surgical handpieces/turbines with Ø approx. 20 mm
• White
• H 20.5, W 32.4, D 32.4 mm

ADS 2
Silicone adapter, for transmission instruments when using AUF 1 or AUF 2.
• For dental and surgical handpieces/turbines with Ø approx. 16 mm
• Green
• H 20.5, W 32.4, D 32.4 mm

Article	Description	Mat. no.	Art. no.	EAN no.
AUF 1	Holder for optimum reprocessing of transmission instruments in upper basket O 177/1.	05159510	68551101D	4002512427517
AUF 2	Holder for optimum reprocessing of transmission instruments in upper basket O 801/2.	05282470	68551701D	4002512427524
FP 20	Filter plates for the reprocessing of contra angles and hand pieces when using AUF 1/ AUF 2.	06059480	69751201D	4002513505498
A 801	Adapter for use of AUF 1 and AUF 2 in connection with A 105/1.	09862940	69680100D	4002515460931
ADS 1	Silicone adaptor For holding transmission instruments when using AUF 1 or AUF 2.	05159530	68751301D	4002512427548
ADS 2	Silicone adaptor For holding transmission instruments when using AUF 1 or AUF 2.	05159540	68751401D	4002512427555

Components: Holders and filters for use with A 801 adapters

ADS 3
Silicone adapter, for transmission instruments when using AUF 1 or AUF 2.
• For dental and surgical handpieces/turbines with
  Ø approx. 22 mm
• Red
• H 20.5, W 32.4, D 32.4 mm

Article	Description	Mat. no.	Art. no.	EAN no.	
ADS 3	Silicone adaptor For holding transmission instruments when using AUF 1 or AUF 2.	05159550	68751501D	4002512478236	41

Components: Nozzles for baskets with injector rail

for PG 8581 and PG 8591

A 832
Injector nozzle, for a variety of load items.
• Suitable for mobile injector units, with screw connection
• Optimum cleaning results thanks to lateral holes
• H 60, W 2.5, D 2.5 mm

A 816
Injector nozzle, for a variety of load items.
• Suitable for mobile injector units and baskets, screw connection
• Optimum cleaning results thanks to lateral holes
• H 90, W 2.5, D 2.5 mm

A 833
Injector nozzle, for a variety of load items.
• Suitable for mobile injector units, with screw connection
• Optimum cleaning results thanks to lateral holes
• H 110, W 4, D 4 mm

A 834
Injector nozzle, for various loads, particularly for rectoscopes.
• Suitable for rectoscopes, trocar sleeves and other load items
• Equipped with a spring (Mat. no. 4692430) for height adjustment
• Optimum cleaning results thanks to lateral holes
• H 150, W 8, D 8 mm

E 336
Irrigation sleeve, for pipettes/MIS instruments in injector units.
• Pipettes up to max. 445 mm length can be held securely
• Plastic, with screw fitting
• H 121, W 11, D 11 mm

A 817
Irrigation sleeve, for ENT instruments.
• Suitable for mobile injector units and baskets, screw connection
• Including cap and mounting clip
• Length 65 mm, diameter 11 mm
• Cap, opening Ø 6 mm (Mat. no. 4174960)
• Clamp (Mat. no. 4174850)

Article	Description	Mat. no.	Art. no.	EAN no.
A 832	Injector nozzle for the optimum cleaning of a variety of load items.	10635440	69745202D	4002515817711
A 816	Injector nozzle for the optimum cleaning of a variety of load items.	10635660	69681600D	4002515978849
A 833	Injector nozzle for the optimum cleaning of a variety of load items.	10635480	69745302D	4002515941225
A 834	Injector nozzle for the optimum cleaning of diverse loads, particularly for proctoscopes.	10635650	69745403D	4002515940709
E 336	Irrigation sleeves For the optimum loading of pipettes/MIS instruments in injector units.	03809390	69733601D	4002511117068
A 817	Irrigation sleeves for optimum cleaning of ENT instruments, for example.	10706260	69681700D	4002515880593

Components: Nozzles for baskets with injector rail

for PG 8581 and PG 8591

A 818
Irrigation sleeve cap, for securing of instruments in irrigation sleeves.
• Packaging unit with 12 caps
• Opening can be adapted to different applications
• H 20, W 20, D 20 mm

A 819
Irrigation sleeve, for lumened instruments.
• e.g. for magnetostrictive ultrasound scaler tips such as Cavitron
• Int. dimension 108 mm, ext. dimension 128 mm, Ø 11 mm
• Including cap with an opening of Ø 10 mm
• With clamp
• H 10, W 100, D 114 mm

Article	Description	Mat. no.	Art. no.	EAN no.
A 818	Irrigation sleeve cover for the optimum securing of instruments in irrigation sleeves.	10706620	69681800D	4002516100119
A 819	Irrigation sleeves for optimum cleaning of lumened instruments.	10721750	68681900D	4002515990278

Components: Inserts

for PG 8581 and PG 8591

E 198
Insert, for up to 6 mesh trays/kidney dishes.
• Suitable for 6 mesh trays or kidney dishes
• 7 holders (6 compartments), height 160 mm, spacing 67 mm
• For mesh tray E 197
• H 160, W 180, D 495 mm

E 363
Insert, for GYN and ENT instruments.
• Mesh size: 1 mm
• Equipped with lid
• For use in upper and lower basket
• Without holders for instruments
• H 55, W 150, D 225 mm

E 131/1
Insert, for 5 mesh trays/kidney dishes.
• Suitable for 5 mesh trays or kidney dishes
• Equipped with 6 holders, height: 160 mm, spacing: 80 mm
• For lower basket
• For mesh tray E 363
• H 168, W 180, D 495 mm

E 337/1
Insert, for upright instruments.
• Suitable for probes, tweezers and mouth mirrors
• Equipped with 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

E 468
Insert, for various utensils
• Made from welded cross-wires/stainless steel with lid and compartments
• Mesh size 5 x 5 x 1 mm
• For reprocessing of surgical motors after removal of partition
• Please observe reprocessing instructions from manufacturers
• Not for use in E 198
• H 76, W 170, D 250 mm
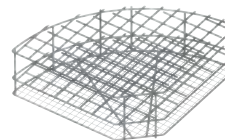
APWD 329
Insert for reprocessing dental saliva extractors.
• Suitable for up to 80 dental saliva extractors
• 80 compartments, 18 x 18 mm each
• Mesh size on base 8 x 8 mm
• H 80, W 226, D 226 mm

Article	Description	Mat. no.	Art. no.	EAN no.
E 198	Insert for optimum loading of up to 6 mesh and kidney trays.	07984040	68519801D	4002514953373
E 363	Insert For the optimum loading of GYN and ENT instruments.	03149790	69536301D	4002511116283
E 131/1	Insert for optimum loading of 5 mesh and kidney trays.	05771030	69513102D	4002513317336
E 337/1	Insert for the optimum loading of upright instruments.	07984130	69533702D	4002514953397
E 468	Insert for the optimum loading of different utensils.	05043640	69546801D	4002512277280
APWD 329	Insert for reprocessing dental saliva extractors.	12036470	69632900D	4002516596080

Components: Inserts

E 476
Holder, for micro-instruments with a diameter of 4–8 mm.
- Also to secure surgical motors in E 468 mesh tray
- For use in trays with 5 mm mesh
- 50 per bag

E 130
Insert for the optimum loading of 10 trays.
- Equipped with 11 holders, height: 170 mm, spacing: 35 mm
- For use in lower basket
- H 180, W 180, D 445 mm
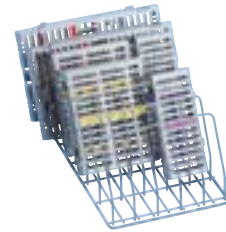
E 523
Insert, for 6 mesh trays.
- Equipped with 7 holders (6 compartments), H 145, spacing 50 mm
- H 151, W 220, D 450 mm

A 317
Insert, for 6 mesh trays.
- Equipped with 7 holders (6 compartments)
- Angle of incline can be adjusted to suit various model series
- H 142.3, W 154, D 464.6 mm

E 339/1
Insert, for up to 12 tray bases and trays.
- Suitable for 12 tray dividers or trays
- Equipped with 13 holders (12 compartments)
- Maximum tray size: 290 x 30 mm
- H 115, W 305, D 498 mm

E 378
Insert, for various instruments.
- 0.8 mm wire mesh, 1.7 mm mesh gauge, 5 mm all-round frame
- Equipped with 2 handles
- For use in lower basket
- H 110, W 460, D 460 mm

Article	Description	Mat. no.	Art. no.	EAN no.
E 476	Holder for micro instruments with a Ø of 4-8 mm.	05692400	69747601D	4002513239454
E 130	Insert for the optimum loading of 10 trays.	02648950	69513001D	4002511129375
E 523	Insert for the optimum loading of 6 mesh trays.	05649700	69552301D	4002513199116
A 317	Insert for the optimum loading of 6 mesh trays.	11710110	68631700D	4002516413875
E 339/1	Insert for the optimum loading of up to 12 tray dividers and trays.	09233840	69533902D	4002515094860
E 378	Insert For holding different instruments.	03203530	69537801D	4002511116443

Components: Inserts

for PG 8581 and PG 8591

E 379
Insert, for various instruments.
• 0.8 mm wire mesh, 1.7 mm mesh gauge, 5 mm all-round frame
• Equipped with 2 handles
• For use in upper and lower basket
• H 110, W 180, D 445 mm

E 806/1
Insert, for 8 half-trays.
• 9 holders (8 compartments), W 295, spacing 37 mm
• Max. tray size 290 x 30 mm
• H 114, W 305, D 348 mm

E 430/1
Insert to accommodate a variety of instruments.
• Made from wire mesh with 5 mm mesh width
• H 40, W 150, D 445 mm

E 441/1
Insert, for micro-instruments.
• The mesh width on the base is 1.7 mm
• The sides are closed, stackable
• Sections w/ 6 adjustable dividers for positioning of instruments
• Can be sterilised in steam at 121°C/134°C
• H 60, W 183, D 284 mm

E 520
Insert, for root canal instruments.
• Suitable for 17 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, for 10-12 mouth rinsing beakers.
• Suitable for 10–12 mouth rinsing cups, max. Ø 80 mm
• Plastic-coated
• H 155, W 220, D 455 mm

Article	Description	Mat. no.	Art. no.	EAN no.
E 379	Insert For holding different instruments.	03203500	69537901D	4002511116450
E 806/1	Insert for the optimum loading of 8 half-shell trays.	09013220	69580603D	4002514969718
E 430/1	Insert For optimum accommodation of different instruments.	06643200	69743003D	4002513984422
E 441/1	Insert for the optimum loading of Micro instruments.	05988240	69544102D	4002513460476
E 520	Insert for the optimum loading of root canal instruments.	05409080	68552001D	4002512472524
E 147/1	Insert for the optimum loading of 10-12 mouthwash glasses.	04746620	68514703D	4002512122313

Components for process chemical dispensing and plinths

for PG 8581 and PG 8591

PG 8596
Dispenser unit, for process chemicals and dispenser modules, stainless steel.
- 2 removable drawers for loading 3 x 5 l canisters each
- Interior dimensions: H 285–690, W 250, D 425–555 mm
- Capacity for 2 dispenser modules per level Divided into 2 levels: removable drawers with drip tray on telescopic racks for supply containers with process chemicals, canister sizes (L x W x H) Max. capacity: 6 x 5 l canisters (245 x 145 x 225 mm*).
  The lower drawer also accommodates larger containers:
  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 à 10 l: 194 x 204 x 353 mm
  1 à 20 l: 289 x 233 x 396 mm
  1 à 25 l: 288 x 234 x 456 mm
- Drip tray facilitates better residual emptying of canisters
- H 835, W 300, D 600 mm

PG 8596
Dispenser unit, for process chemicals and dispenser modules, stainless steel, white.
- 2 removable drawers for loading 3 x 5 l canisters each
- Interior dimensions: H 285–690, W 250, D 425–555 mm
- Capacity for 2 dispenser modules per level Divided into 2 levels: removable drawers with drip tray on telescopic racks for supply containers with process chemicals, canister sizes (L x W x H) Max. capacity: 6 x 5 l canisters (245 x 145 x 225 mm*).
  The lower drawer also accommodates larger containers:
  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 à 10 l: 194 x 204 x 353 mm
  1 à 20 l: 289 x 233 x 396 mm
  1 à 25 l: 288 x 234 x 456 mm
- Drip tray facilitates better residual emptying of canisters
- H 835, W 300, D 600 mm

DOS K 85/1 flex
For liquid alkaline detergents and chemical disinfectants, neutralising agent
- Peristaltic pump, adjustable via machine's electronic controls
- Integrated dispenser monitoring function ensuring high level of process security in compliance with EN ISO 15883
- Short siphon (217 mm) for 5 l canister, incl. level monitoring
- Length of connection cable: 3.00 m
- Length of suction hose: 1.80 m
- Successor for DOS K85/1

DOS K 85 flex
As per DOS K 85/1 Flex
- But with long siphon for 5 l and 10 l canisters (352 mm)
- Option: Long siphon for 20-30 l containers (467 mm) as well as matching cap available via Spares (Mat. nos. 11033480 and 11033560)
- Successor for DOS K85

UG 30-60/60-85
Box plinth, 60 cm deep, 60 cm wide.
- Suitable for all machines with a width and depth of 60 cm
- H 317, W 600, D 600 mm

UG 30-90/60-85
Box plinth, for machine and side unit, 60 cm deep, 90 cm wide.
- For use in Aqua Purificator PG 8595 and DOS cabinet PG 8596
- Stainless-steel plinth, bolted to machine
- H 300, W 897, D 542 mm

Article	Description	Mat. no.	Art. no.	EAN no.
PG 8596	Dispensing cabinet For process chemicals and dispenser modules, stainless steel.	10087340	69859602D	4002515558324
PG 8596	Dispensing cabinet For process chemicals and dispenser modules, white.	10087330	69859601D	4002515558317
DOS K 85/1 flex	Dispenser module for 5 litre canister with level indicator for the automatic dispensing of liquid media.	11498920	69747053D	4002516365297
DOS K 85 flex	Dispenser module for 5-10 litre canisters with level indicator for the automatic dispensing of liquid media.	11498880	69747052D	4002516357438
UG 30-60/60-85	Box plinth to raise the machine, 60 cm deep, 60 cm wide.	10087350	69306001D	4002515558331
UG 30-90/60-85	Box plinth to raise the machine incl. side unit, 60 cm deep, 90 cm wide.	10087360	69309001D	4002515558348

Components: Inserts

For all Miele thermal disinfectors

E 197
Insert to accommodate a variety of instruments.
• Mesh width on the 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 473/2
Filter with lid, for various small components.
• Hooks in place
• With easy-close lid
• H 88.4, W 66, D 66 mm

E 491
Insert, for rotating instruments.
• Suitable for 18 turbine shafts
• Suitable for 30 contra angle shafts
• Also suitable for rotating instruments, such as used in podiatry
• H 53, W 70, D 120 mm
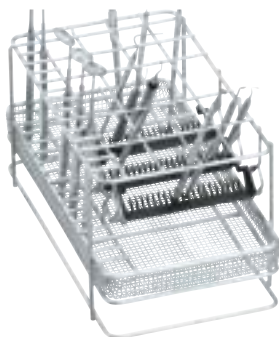
E 802/1
Insert, for various vertical instruments.
• Suitable for loading probes, tweezers or mouth mirrors
• Equipped with 3 plastic holders
• 8 compartments, approx. 30 x 28 mm
• 8 compartments, approx. 16 x 28 mm
• 15 compartments, approx. 16 x 20 mm
• H 148, W 163, D 295 mm

A 830/1
Insert for separable mouth mirrors.
• For use in insert E 337/1 and E 802/1
• 3 compartments Ø 8 mm, 14 compartments 10 x 19 mm, 2 compartments 8 x 19 mm
• Mouth mirror handles can be placed in insert compartments
• Suitable for mouth mirrors ≥ 3
• H 12, W 49, D 159 mm

E 522/1
Insert, for 9 dental impression plates.
• Fitted with 9 brackets
• H 140, W 100, D 190 mm

Article	Description	Mat. no.	Art. no.	EAN no.
E 197	Insert For optimum accommodation of different instruments.	07984090	68519701D	4002514953380
E 473/2	Filter with lid, suitable for micro components.	10623720	69547303D	4002515811962
E 491	Insert for the optimum loading of rotating instruments.	07600210	68549101D	4002514697949
E 802/1	Insert for the optimum loading of different upright instruments.	07984170	69580202D	4002514953403
A 830/1	Insert ideal holder for separable mouth specula.	11729480	68683001D	4002516429203
E 522/1	Insert for the optimum loading of 9 impression trays.	06697010	68552202D	4002514072722

Components: Inserts

E 521/2
Insert, for 7 extraction, orthodontic or technical forceps.
- Compartment size: 21 x 80 mm
- Also suitable for forceps, such as those used in podiatry
- H 135, W 100, D 189 mm

E 801/1
Insert, for 8 mouth rinsing beakers.
- Suitable for 8 mouth rinsing beakers, max. Ø 75 mm
- Plastic-coated
- H 155, W 200, D 320 mm
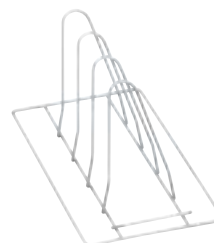
E 807
Insert, for 3 mesh trays and kidney dishes.
- 4 holders (3 compartments) H 165, spacing 58 mm
- H 144, W 140, D 290 mm

E 143
Insert to accommodate a variety of instruments.
- 1 mm wire mesh, 5 mm mesh gauge, 5 mm all-round frame
- Equipped with 2 hinged handles
- H 55, W 255, D 230 mm

A 815
Nozzle, for transmission instruments with external spray channel.
- For use with A 812, A 813/1 or in A 105/1 upper basket
- Use in A 105/1 only in combination with A 800 tubular filter.
- Consists of 4 nozzles with silicone hoses, length approx. 114 mm
- H 10, W 10, D 114 mm

A 813/1
Adapter, for transmission instruments with external spray channel.
- For use in A 105 and A 105/1 as well as in the A 315 module - Use only in combination with A 800 tubular filter
- For use in APWD 061 basket – Use only in combination with APWD 069 filter insert and A 822 adapter.
- Two-piece, comprising an upper and lower section, incl. accessories
- H 120, W 120, D 300 mm

Items included:
- E 362 blind stopper [qty]: 3
- Nozzle with silicone hose [qty]: 4

Article	Description	Mat. no.	Art. no.	EAN no.
E 521/2	Insert for the optimum loading of 7 extraction, orthodontic and/or technical forceps.	07476430	68552103D	4002514616438
E 801/1	Insert for the optimum loading of 8 mouthwash glasses.	05673820	68580102D	4002513220650
E 807	Insert for optimum loading of 3 mesh or kidney trays.	07984220	69580701D	4002514951638
E 143	Insert For optimum accommodation of different instruments.	03830310	69514301D	4002511115989
A 815	Nozzle Optimum reprocessing of transmission instruments with external spray channel.	10619690	68681500D	4002515830413
A 813/1	Adapter optimum reprocessing of transmission instruments with external spray channel.	11763880	68681301D	4002516432555

Components: Inserts

For all Miele thermal disinfectors

A 814/1

Holder, for reprocessing Air Scalers and piezo scaler tips.
- For use in A 105/1, O 177/1 and APWD 061 upper baskets
- Universal, for various tip types
- Use of several holders possible in combination with A 813/1 or A 812
- Use in thermal disinfectors PWD 8531 and PWD 8532 possible
- For use in A 105, A 105/1, O 177/1 baskets and APWD 061 and A 315 module
- For use in A 105, A 105/1 and A 315 only in combination with A 800 tubular filter.
- Can only be used in the O 177/1 in conjunction with the A 812 holder and the FP filter insert.
- Use in APWD 061 only in combination with A 822 adapter and A 813/1 adapter with APWD 069 filter
- H 480, W 220, D 220 mm

Article	Description	Mat. no.	Art. no.	EAN no.
A 814/1	Holder for optimum reprocessing of tips for Air Scaler and Piezo Scaler.	11691870	68681401D	4002516428558

Components for reprocessing with fully demineralised water

For all Miele thermal disinfectors

PG 8595
Aqua Purificator, for two full demineralisation cartridges, stainless steel.
• Suitable for VE/TE P 2800 and VE/TE P 2000
• Accommodates ConductivityMeter CM/1
• External dimensions: H 835 (820 without lid),
  W 300, D 600 mm
• H 835, W 300, D 600 mm

PG 8595
Aqua Purificator, for two full demineralisation cartridges, white.
• Suitable for VE/TE P 2800 and VE/TE P 2000
• Accommodates ConductivityMeter CM/1
• External dimensions: H 835 (820 without lid),
  W 300, D 600 mm
• H 835, W 300, D 600 mm

SK
Fast-action coupling, for convenient replacement of demineralisation cartridges
• 2 x VA plug connection 3/4",
  2 x quick connection 3/4"
• Incl. seals for existing hoses

UfZ
Conversion kit for second cartridge, for quick replacement with second full/partial demineralisation cartridge
• 2 x VA plug connection 3/4'' for installation
  on second cartridge

VE P 2800
Full demineralisation cartridge, for water demineralisation
• Max. delivery: 800 l/h
• ConductivityMeter CM/1 measures remaining
  capacity
• Max. water inlet temperature 40°C
  pressure range 0.5-10 bar
• Resin volume 19 l
• H 570, W 0, D 0 mm

LP 2800
Water softening cartridge, empty, for manually refilling with single-use resins
• Max. delivery: 800 l/h
• Max. water inlet temperature 40°C
  pressure range 0.5-10 bar
• Resin volume 19 l
• H 570, W 0, D 0 mm

Article	Description	Mat. no.	Art. no.	EAN no.
PG 8595	Aqua purificator For two full or partial demineralisation cartridges, stainless steel.	10087320	69859502D	4002515558102
PG 8595	Aqua purificator For two full or partial demineralisation cartridges, white.	10087310	69859501D	4002515558096
SK	Quick connection For the simple and convenient changing of demineralisation cartridges.	09782600	69431901D	4002515411735
UfZ	Conversion kit for two cartridges For the quick change to a full/partial demineralisation cartridge.	10020100	69431905D	4002515552834
VE P 2800	Full demineralisation cartridge For optimum water preparation.	09782560	69431005D	4002515411711
LP 2800	Demineralisation cartridge, empty For the manual filling of single use resins.	09782590	69431805D	4002515411728

Components for reprocessing with fully demineralised water

E 315
Single-use resin for fully demineralised water, for regeneration of full demineralisation cartridges
• For use in the LP 2800 empty cartridge
• 20 l of homogenously mixed resins
• Carton with 2 x 10 l bags
• Vacuum sealed in plastic bags
• Including replacement filter bag

E 316
Plastic barrel, for refilling single-use resins
• With lid and funnel for single use resin
• Equipped with lid and funnel
• Refill set, max. 30 l
• Refill set for disposable resin (30 l)

VE P 2000
Full demineralisation cartridge, for water demineralisation
• Max. delivery: 450 l/h
• ConductivityMeter CM/1 measures remaining capacity
• Max. water inlet temperature 40°C pressure range 0.5-10 bar
• Resin volume 12.5 l
• H 410, W 0, D 0 mm

CM/1
Conductivity Meter, for measuring conductivity level and cartridge replacement indicator
• Suitable for full demineralisation cartridges
• Optical and acoustic cartridge replacement indicator
• 10-point measurement in 0 - 199.9 µS/cm range
• One-line display, connection to external LED possible
• Including wall bracket and power unit
• H 110, W 125, D 52 mm

Article	Description	Mat. no.	Art. no.	EAN no.
E 315	Full demineralisation single use resin For the regeneration of full demineralisation cartridges	03830350	69431501D	4002511115293
E 316	Plastic barrel For refilling single use resins	03830360	69431601D	4002511115309
VE P 2000	Full demineralisation cartridge For optimum water preparation.	09773410	69431101D	4002515405307
CM/1	ConductivityMeter For measuring the conductivity level and the display for changing the cartridge.	10889920	69450002D	4002516057420

ProCare Dent – process chemicals for Miele thermal disinfectors

One system – Many benefits

Integrated, holistic system
- Simplicity and reliability
- Proven reprocessing results
- One single contact
- Peace-of-mind package

Top-class cleaning performance
- Each product is carefully geared to the various phases of the washing and disinfection cycle on Miele thermal disinfectors.
- Excellent cleaning results

Exceptional material compatibility
- Excellent cleaning performance combined with high-level material compatibility
- Suitable for the routine reprocessing of standard and transmission instruments
- Prevents discolouration and limescale
- Reduced stains

Excellent value for money
- Excellent efficiency through low dispensing concentrations and low water levels in all programme blocks

ProCare Dent – process chemicals for Miele thermal disinfectors

Product overview

ProCare Dent 10 MA - 5 l
Liquid detergent, mildly alkaline, 5 l, for standard and transmission instruments.
• Particularly suitable for transmission instruments
• Formulated for reprocessing in a Miele thermal disinfector
• Very gentle on materials
• Liquid concentrate

ProCare Dent 10 A - 5 l
Liquid detergent, alkaline, 5 l for reprocessing standard instruments.
• Suitable for standard instruments (not transmission instruments)
• Formulated for reprocessing in a Miele thermal disinfector
• High cleaning performance
• Liquid concentrate

ProCare Dent 11 A - 10 kg
Powder detergent, alkaline, 10 kg for reprocessing standard instruments.
• Suitable for standard instruments (not transmission instruments)
• Formulated for reprocessing in a Miele thermal disinfector
• High cleaning performance
• Powder

ProCare Dent 11 A - 1 kg
Powder detergent, alkaline, 1 kg for reprocessing standard instruments.
• Suitable for standard instruments (not transmission instruments)
• Formulated for reprocessing in a Miele thermal disinfector
• High cleaning performance
• Powder

ProCare Dent 30 C - 5 l
Acidic neutralisation agent, 5 l, based on citric acid.
• Particularly suitable for transmission instruments
• Formulated for reprocessing in a Miele thermal disinfector
• Very gentle on materials
• Liquid concentrate

ProCare Dent 30 C - 1 l [Type 1]
Neutralising agent, acidic, 1 l with pouring aid, for optimum neutralisation based on organic acid.
• Particularly suitable for transmission instruments
• Formulated for reprocessing in a Miele thermal disinfector
• Easier dispensing thanks to precise pouring aid
• Very gentle on materials
• Liquid concentrate

ProCare Dent – process chemicals for Miele thermal disinfectors

Product overview

ProCare Dent 30 P - 5 l
Acidic neutralisation agent, 5 l, based on phosphoric acid.
• Suitable for standard instruments (not transmission instruments)
• Formulated for reprocessing in a Miele thermal disinfector
• Very gentle on materials
• Liquid concentrate

ProCare Dent 30 P - 1 l [Type 1]
Acidic neutralisation agent, 1 l, with pouring aid, based on phosphoric acid.
• Suitable for standard instruments (not transmission instruments)
• Formulated for reprocessing in a Miele thermal disinfector
• Easier dispensing thanks to precise pouring aid
• Very gentle on materials
• Liquid concentrate

ProCare Dent 40 - 1 l [Type 1]
Surfactant, 1 l, with pouring aid, for rinse cycle.
• For improved and reduced drying
• Formulated for reprocessing in a Miele thermal disinfector
• Easier dispensing thanks to precise pouring aid
• Liquid concentrate

ProCare Dent – process chemicals for Miele thermal disinfectors

Accessories

ProCare Universal 61
Reactivation salt, 3 x 2 kg, for regeneration of the integrated softener
• Prevents scaling and protects loads

ProCare Universal 70 ST - 500 ml
Multi-purpose cleaner, mildly alkaline, 500 ml for gently removing grease residues and contamination.
• Effective high concentrate for optimum cleaning results
• Excellent dissolving power for oil and grease
• Very gentle on materials
• Recommended for Miele Professional and Steelco stainless-steel products
• Awarded EU Ecolabel
• Recyclable packaging

CK/1 DIN 51
Canister key to open 5 l, 10 l and 20 l ProCare canisters

DTD 2
Drip tray, for secure positioning of canisters.
• Space for 2 canisters
• Secure place for 5 and 10 l canisters from the ProCare series
• Optimum emptying of media canisters due to storage at an angle
• Suitable for use in an adjacent unit
• H 62, W 420, D 261.9 mm

ProCare Dent – process chemicals for Miele thermal disinfectors

Additional technical information

Product description	Product properties	Main application and soil	Material compatibility
Main wash			
ProCare Dent 10 MA ● Mildly alkaline	• Very gentle on materials • Contains tensides, alkalis, enzymes • Particularly suitable for transmission instruments	**Main application:** Dental practices **Soil:** Removal of blood and organic residue	**Suitable for:** Standard and transmission instruments. Check for suitability on anodised aluminium prior to use
ProCare Dent 10 A ● Alkaline	• Free from oxidants and tensides • Suitable for standard instruments (not transmission instruments) • Contains phosphates	**Main application:** Dental practices **Soil:** Removal of blood and organic residue	**Suitable for:** Standard instruments, for stainless-steel instruments and trays **Not suitable for:** Transmission instruments
ProCare Dent 11 A ● Alkaline	• Good material compatibility • Suitable for standard instruments (not transmission instruments)	**Main application:** Dental practices **Soil:** Removal of blood and organic residue	**Suitable for:** Standard instruments, for stainless-steel instruments and trays **Not suitable for:** Transmission instruments
Neutralisation			
ProCare Med 30 C ● Acidic	• Mild in use • Based on citric acid • Good material compatibility • Phosphate and surfactant free • Particularly suitable for transmission instruments	**Main application:** Dental practices **Soil:** Removal of acid-soluble impurities	**Suitable for:** Standard and transmission instruments
ProCare Med 30 P ● Acidic	• High performance • Basis: Phosphoric acid • Does not contain surfactants • Excellent rinsing properties • Not suitable for transmission instruments	**Main application:** Dental practices **Soil:** Tarnishing and soils soluble in acids	**Suitable for:** Suitable for standard instruments **Not suitable for:** Transmission instruments, non-ferrous metals, anodised aluminium and chrome- and nickel-plated parts
Final rinse			
ProCare Dent 40 ● Acidic	• For improved and reduced drying • Suitable for dental handpieces and contra-angles	**Main application:** Dental practices **Soil:** Neutralisation of alkaline residues and wash liquor	**Suitable for:** Standard and transmission instruments

ProCare Dent – process chemicals for Miele thermal disinfectors

Recommended for reprocessing dental instruments

Thermal disinfector

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) or ProCare Dent 11 A (powder)	ProCare Dent 10 MA (liquid)	ProCare Dent 10 MA (liquid)
Neutralising agent		
ProCare Dent 30 P	ProCare Dent 30 C	Not recommended
Rinse aid		
ProCare Dent 40	ProCare Dent 40	ProCare Dent 40

Additional security in everyday dental surgery work

Routine checks during the reprocessing of dental instruments

ProCare Sure I-PM

Benefits at a glance:
- The test system affords additional everyday security by additionally monitoring machine-based reprocessing in thermal disinfectors.
- Simple positioning in chamber thanks to robust plastic holder
- Simple before/after comparison based on coloured strips and a reference value
- Fast documentation thanks to self-adhesive indicators
- Proven Miele quality

ProCare Protein Check

Benefits at a glance:
- The faster way of testing for proteins
- Test to detect protein residue on completion of thermal disinfection
- Proof of presence of residues on instruments
- Precise application using indicator pen
- Short exposure time of 3 minutes

ProCare Protein Check and ProCare Sure I-PM

The benchmark during **commissioning** and **validation**

Client-specific indicator (incl. process chemicals, water quality) (No direct correlation to cleaning efficacy)

ProCare Sure I-PM

Visual comparison with benchmark **after reprocessing**

ProCare Protein Check

Enables visual check for residual protein
after validated reprocessing in a washer-disinfector

Additional security in everyday dental surgery work

Routine checks during the reprocessing of dental instruments

ProCare Sure I-PM
Process indicator, sheets of indicators for visual routine monitoring during the cleaning and disinfection process.
• Additional security in routine use
• Simple to handle thanks to self-adhesive indicators
• 192 indicators per packaging unit
• Shelf life of 36 months from the production date
• Precise application with documentation sheet as PDF download

ProCare Sure H-01
Plastic holder for ProCare Sure I-PM indicators
• Stable plastic holder for simple positioning

ProCare Sure I-PM starter kit
Process indicator, starter kit for visual routine monitoring during the cleaning and disinfection process.
• Additional security in routine use
• Simple to handle thanks to self-adhesive indicators
• 2 plastic holders and 64 individual indicators per packaging unit
• Shelf life of 36 months from the production date
• Precise application with documentation sheet as PDF download

ProCare Protein Check
Protein Check, for detection and qualitative assessment of protein residues
• Test for residues following cleaning and thermal disinfection
• Precise application
• Short exposure time of 3 minutes
• 3 units per pack
• H 25, W 155, D 230 mm

Cube and Cube X small sterilisers

Miele benefits with a payback

Practical programme settings
Valuable cost and time savings in everyday surgery life thanks to customisable programme settings, e.g. programmable cycle starts.

Comprehensive process documentation
Simple traceability thanks to automatic saving of cycle reports to a USB flash memory. Simple and uncomplicated printing of barcode labels using the Miele APH 550 Sego label printer.

Individual user identification
If required, the users checking and approving Cube X sterilisation cycles can be registered digitally. The name of the operator can be saved together with approvals.

Optimised cycle times
The Cube X boasts cycles which are shorter, guarantees greater instrument longevity and compelling energy savings. With patented EcoDry technology, drying times are adjusted to load sizes.

Easy operation
The large colour touch display and an intuitive menu structure makes daily work in a surgery simpler, faster and more efficient.

Simple data transfer
Optionally, communication via WiFi is an alternative. This allows data to be ported simply to other software systems, e.g. DataDiary.

Model overview

Controls, programmes, cycle times

Cube – Class B steam steriliser
- Chamber volume 17 or 22 l
- Capacity: up to 5 trays (3 trays, convertible tray rack and tray holder included)
- User-friendly operation thanks to colour touch screen
- Practical programme settings
- User convenience thanks to ergonomic design
- Process documentation via USB, WiFi (optional)
- Flexible water supply: Automatic by connecting to a water pre-treatment system or manually via water tank

Cube X – Class B steam steriliser
- Chamber volume 17 or 22 l
- Capacity: up to 5 trays (5 trays, convertible tray rack and tray holder included)
- User-friendly operation thanks to colour touch screen
- Practical programme settings, e.g. programmable start
- User convenience thanks to ergonomic design
- Process documentation via USB, Ethernet, WiFi (optional)
- Flexible water supply: Automatic by connecting to a water pre-treatment system or manually via water tank
- Shorter drying times thanks to EcoDry technology
- S-Fast cycle for hand-pieces
- Individual user management catering for multiple users
- Modern maintenance support via machine display

Maintenance: Every 5 years or after 4000 cycles at the latest.

Technical data

Cube and Cube X

		CUBE		CUBE X	
		PST 1710	PST 2210	PST 1720	PST 2220
Construction type and design					
Countertop unit		•	•	•	•
Casing		White	White	White	White
Electric door lock		•	•	•	•
Capacity					
Instruments [kg]		4.5	5.5	4.5	6
Textiles [kg]		1.5	2	1.5	2
Cartridges, containers [kg]		9	9	9	9
Programmes & cycle times*					
Programmes [No.]		3	3	4	4
134°C Universal [mins.]	Empty	43.5	46.5	22.5	22.5
Holding time: 5.5 mins.	Full load	52.5	56.5	42.5	46.5
121°C Universal [mins.]	Empty	65	66	35	35
Holding time: 20.5 mins.	Full load	74	77	62	67
134°C Prions [mins.]	Empty	42	42	38	38
Holding time: 20.5 mins.	Full load	67	70	59	63
S-Fast cycle [mins.]	Empty	-	-	13	13
Holding time: 3.5 mins.	2 kg	-	-	20	21
Vacuum test [mins.]		19	20	17	18
Helix-B&D test [mins.]		23	24	21	21
Controls					
Touch colour display		•	•	•	•
Display size in inches		4.3	4.3	4.3	4.3
Direct-access pushbuttons		•	•	•	•
Time left display		•	•	•	•
Programme sequence display		•	•	•	•
Individual user identification		-	-	•	•
Cycle memory [No. of cycles]		400	400	400	400
Automatic service indicator		•	•	•	•
Connection options					
USB interface		2	2	5	5
LAN interface		-	-	1	1
WiFi (optional)		•	•	•	•
External water supply					
Water consumption [l/cycle]		0.13 - 0.59	0.13 - 0.59	0.32 -0.65	0.32 -0.65
Automatic water fill valve		•	•	•	•
Required flow pressure [bar]		2 - 8.6	2 - 8.6	2 - 8.6	2 - 8.6
Flow rate [l/min]		0.25 - 0.5	0.25 - 0.5	0.25 - 0.5	0.25 - 0.5
Max. water intake temperature [°C]		35	35	35	35
Electrical connection					
200–240 V AC; 50/ 60 Hz		•	•	•	•
Fuse rating [A]		10	10	10	10
Power rating [kW]		2.0 - 2.4	2.0 - 2.4	2.0 - 2.4	2.0 - 2.4
Sterilisation chamber					
Total volume [l]		17	22	17	22
Total volume Ø [mm]		250	250	250	250
Total volume Depth [mm]		362	440	362	440
Useable chamber space H/W/D [mm]		195 x 195 x 312	195 x 195 x 400	195 x 195 x 312	195 x 195 x 400
Pressure relief valve [bar]		2.6	2.6	2.6	2.6
Safety thermostats [°C]		180	180	180	180
Bacterial filter [µm]		0.3	0.3	0.3	0.3
Steam generator					
Pressure relief valve [bar]		5	5	5	5
Safety thermostats [°C]		230	230	230	230
Dimensions, weight					
External dimensions H/W/D [mm]		452 x 465 x 634	452 x 465 x 634	452 x 465 x 634	452 x 465 x 634
Min. space requirements H/W/D [mm]		502 x 565 x 450	502 x 565 x 450	502 x 565 x 450	502 x 565 x 450
Door opening space H/W/D [mm]		452 x 532 x 357	452 x 532 x 357	452 x 532 x 357	452 x 532 x 357
Empty weight [kg]		42.5	44	46	47.5
Approvals and standards					
CE 0051 2017/745 (MDR), 2014/68/EU, EN 13060, IEC 61010-1, IEC 61010-2-040, IEC 61326-1, IEC 61770					

* Cycle times may vary depending on load type, drying time and electricity and water supply.

Components for Cube and Cube X
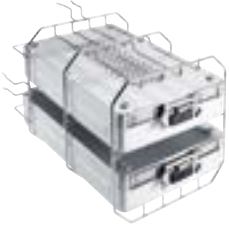
APST 009
Holder, rotates by 90°, for use in PST 1710 and PST 1720.
• Space for up to 5 standard trays
• Turned by 90°, suitable for 2 containers/cartridges
• Useable container surface [mm]: 190 x 70 x 300
• Useable tray surface [mm]: 188 x 21 x 300
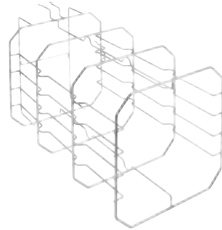
APST 010
Holder, rotates by 90°, for use in PST 2210 and PST 2220.
• Space for up to 5 standard trays
• Turned by 90°, suitable for 2 containers/cartridges
• Useable container surface [mm]: 190 x 70 x 375
• Useable tray surface [mm]: 188 x 21 x 375

APST 003
Aluminium tray, for instruments or porous goods, small
• Perforated for optimum steam permeability
• High stability combined with low weight
• Suitable for the PST 1710 and PST 1720
• H 19.5, W 186, D 287 mm

APST 004
Aluminium tray, for instruments or porous goods, large
• Perforated for optimum steam permeability
• High stability combined with low weight
• Suitable for the PST 2210 and PST 2220
• H 19.5, W 186, D 379 mm

APST 005
Tray holder, for safe removal of aluminium trays
• Plastic handle

APST 002/1
WiFi dongle key, for simple connection of sterilisers to WiFi networks
• Easy to connect to a USB port on unit
• Transmission of process data to a WiFi-enabled device

Article	Description	Mat. no.	Art. no.	EAN no.
APST 009	Holder, turns through 90 degrees for use in PST 1710 and PST 1720.	11748620	68900010D	4002516480815
APST 010	Holder, turns through 90 degrees for use in PST 2210 and PST 2220.	11748660	68900011D	4002516480822
APST 003	Aluminium tray For instruments or porous goods, small.	11377310	68900003D	4002516297055
APST 004	Aluminium tray For instruments or porous goods, large.	11377330	68900004D	4002516299448
APST 005	Rack for trays For the safe removal of aluminium trays.	11377340	68900005D	4002516298199
APST 002/1	WiFi dongle key, for simple connection of sterilisers to WiFi networks.	12141160	68900012D	4002516677215

Components for Cube and Cube X

Plug & Pure water treatment system – the compact solution for a high-quality supply of demineralised water
The Plug & Pure water treatment system can be connected directly to Cube and Cube X small sterilisers. High-quality supply of demineralised water using ion exchange principle.

Benefits of Plug & Pure water treatment system:
• Consistently high water quality in compliance with standards
• Cartridges replaced in only a few seconds
• No additional tools needed
• Convenient installation on feet or wall bracket

APST 000
Plug & Pure water treatment system for supply of fully demineralised water
• Consisting of connection kit, filter head and filter cartridge
• Innovative filter head for quick and easy replacement
• Stable and gentle on surfaces: plastic machine feet
• Wall bracket supplied for easy mounting on a wall
• Consistently high water quality
• H 476, W 124, D 123 mm

APST 001
Replacement cartridge, for the APST 000 water treatment system, for supply of fully demineralised water
• Compact dimensions for neat storage in a base unit
• H 469, W 123, D 123 mm

APST 011
Connection set for connecting Cube/Cube X sterilisers to a VE P 2000 or VE P 2800 full demineralisation cartridge
• Suitable for all Cube and Cube X small sterilisers
• For combination with VE P 2800 and VE P 2000
• Note: Only connect CUBE and CUBE X to VE P 2000 or VE P 2800 in combination with washer-disinfector
• Scope of delivery: Y-piece 3/4", 1.5 m stainless-steel hose, throughflow regulator, 2.5 m PTFE hose, gaskets and connectors

Article	Description	Mat. no.	Art. no.	EAN no.
APST 000	Plug & Pure water reprocessing system For the provision of fully demineralised water.	11401510	68900009D	4002516297031
APST 001	Spare cartridge For the APST 000 water treatment system, to provide fully demineralised water.	11401750	68900001D	4002516266495
APST 011	Connection kit for connecting Cube X sterilisers to a full demineralisation cartridge.	11878350	689000010D	4002516552017

Components for Cube and Cube X
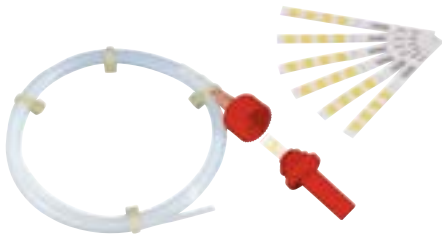
ZS 150-1
Helix test, for process control on small sterilisers.
- Testing of steam penetration with chemical indicator
- Display of results with colour change
- 1 process challenge device, 250 indicators
- H 22, W 117, D 177 mm

APST 006
Door gasket, seals pressure chamber
- Must be replaced after 800 sterilisation cycles

APST 007
Micro-fine filter, to remove bacteriological contaminants from ambient air
- Easy to replace on the front of sterilisers
- Must be replaced after 400 sterilisation cycles
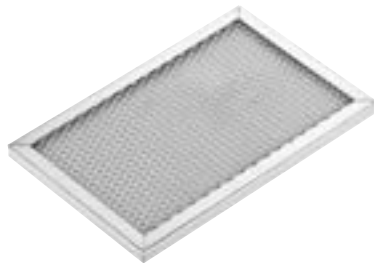
APST 008
Filter, captures dust particles inside machine
- Compact slide-in cassette for easy replacement
- Must be replaced after 400 sterilisation cycles

Article	Description	Mat. no.	Art. no.	EAN no.
ZS 150-1	Helix test For optimum process control of the small steriliser.	09910260	68915002D	4002515540381
APST 006	Door gaskets To seal the pressure chamber.	11377350	68900006D	4002516298205
APST 007	Microfine filter To filter bacteriological contamination out of the ambient air.	11377360	68900007D	4002516298311
APST 008	Filter To capture dust particles inside the appliance.	11377370	68900008D	4002516256397

Process documentation for Miele thermal disinfectors and sterilisers

Overview of documentation options

For PG 8581 and PG 8591 thermal disinfectors

NEW: Process documentation with Miele MOVE
More information on Pages 10 and 11.

Process documentation system	Communication modules				
Miele MOVE **Page 10**	DataDiary **Page 70**	DataDiary **Page 76**	XKM 3200 WL LMD **Page 76**	XKM 3000 L Med **Page 76**	XKM RS232 10 Med **Page 76**

For all Miele thermal disinfectors

Process documentation system	
APS 101 Sego **Page 71**	APH 510 PRT 110 **Page 75**

For all CUBE and CUBE X small sterilisers

Process documentation system				Communication modules	
Miele MOVE **Page 10**	DataDiary CUBE **Page 70**	APS 101 Sego **Page 71**	APH 550 Sego **Page 71**	DataDiary CUBE **Page 76**	APST 002/1 **Page 76**

Process documentation system

App-based solution

The new DataDiary app – simple, economical, safe
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 the DataDiary app. This collects process data automatically from PG 8581 and PG 8591 thermal disinfectors and CUBE and CUBE X sterilisers and enables reports to be generated from a tablet PC – without cables, USB memory sticks or other intermediate steps. This practical solution now supports up to nine Miele machines via a surgery WiFi network.

Easy to use
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 a unit and off you go!

Supports up to 9 different machines simultaneously
DataDiary now supports up to 9 thermal disinfectors from the PG 858x/9x thermal disinfectors and Cube small sterilisers.

Connection to a surgery network
The DataDiary app communicates with all connected machines via a surgery's existing network. If only a single unit is documented, this is still possible in the usual manner using Access Point mode.

Fast authentication
User authentication is simple using an NFC tag or a user ID/PIN.

Wireless & secure
Data transmission is wireless and secure using encoded WLAN (WPA2) via local surgery network. 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.

DataDiary process documentation system

App-based protocols

DataDiary
App-based process documentation for easy, wireless reports on PG 858x/9x.
- Low-maintenance Plug & Play solution
- Secure, wireless data transfer via encrypted WLAN link
- Protocolling in PDF format
- User identification via ID with password or NFC tag
- Incl. access to app, communication module and 5 NFC chipcards
- Compatible from Android 10.0 and iOS 12.4
- H 39, W 88, D 110 mm

DataDiary Cube
App-based process documentation for easy, wireless reports on CUBE small sterilisers.
- Low-maintenance Plug & Play solution
- Wireless data transmission via WiFi using a local network
- Protocolling in PDF format
- User identification via ID with password or NFC tag
- Incl. access to app, WiFi dongle key and 5 NFC chipcards
- Compatible from Android 10.0 and iOS 12.4
- H 10, W 25, D 69 mm

DataDiaryID
NFC chipcard, for easy user identification in the DataDiary app
- Easy user registration via NFC tag
- Includes 5 chipcards
- NFC tags are compatible with ISO/IEC 14443 (Type A)
- Use requires NFC-compatible tablet PC
- H 54, W 85.6, D 0.8 mm

Follow Dr. Dent as he uses the DataDiary app for process documentation.

Article	Description	Mat. no.	Art. no.	EAN no.
DataDiary	App-based cycle documentation for easy, wireless reporting.	10689630	68819001D	4002515894095
DataDiary Cube	DataDiary CUBE app-based process documentation for easy, wireless reporting.	11394260	68819003D	4002516298328
DataDiaryID	NFC chipcards for easy user identification in the DataDiary app.	10735270	68819501D	4002515966464

Segosoft Miele Edition process documentation system

A certified approach to security

APS 101 Sego
SegoSoft Miele Edition (license), for connection of one machine.
- User-controlled release of process reports for all machines
- Protection from manipulation thanks to digital signature
- Future-oriented product with regard to regulatory requirements
- Only process documentation software with a quality seal
- Service card guarantees compliance with medical devices directive
- H 1, W 86, D 55 mm

APS 102 Sego
SegoAssign Plus, for connection of SegoSoft to patient management system.
- For the paperless, quick and simple assignment of cycles to patients
- Service card guarantees compliance with medical device legislation
- The scope of services includes a licence card
- H 1, W 86, D 55 mm

APH 550 Sego
Segolabel Miele Edition: Starter kit to create sterile supply labels
- Full package incl. printer, power unit, cables and 1000 labels
- Secure labelling of the packaged sterile goods
- Useful addition to Segosoft Miele Edition
- Useful addition for CUBE/CUBE X sterilisers
- Easy connection via USB cable
- H 178, W 135, D 240 mm

APH 595
Colour ribbon, for use in APH 550 Sego label printers
- Cable category 6
- Colour: Transparent silver

APH 596
Labels, for use in Segolabel APH 550 Sego printers
- 1 roll of 1,000 reusable adhesive labels
- Every label has a second adhesive surface with a separating layer

Article	Description	Mat. no.	Art. no.	EAN no.
APS 101 Sego	Segosoft Miele Edition (additional licences) for connection with a appliance.	10019160	68813002D	4002515570708
APS 102 Sego	SegoAssign Plus To connect the Segosoft with the in-house patient management system.	10106600	68814101D	4002515604106
APH 550 Sego	Segolabel Miele Edition: Starter kit for producing sterile goods labels.	07951400	68814001D	4002514940502
APH 595	Colour transfer belt for use in Sego label printers APH 550 Sego.	07951520	68816101D	4002514940625
APH 596	Labels for use with Segolabel printer APH 550 Sego (PRT 200).	07951530	68816201D	4002514940632

Segosoft Miele Edition process documentation system

A certified approach to security

APH 100
Segosoft Serial Industrial Converter, for serial connection of 2 machines to USB port on PC/laptop.
- Galvanic separation of all connections incl. surge protection
- Use of a USB port on PC/laptop for 2 machines
- Machines from other manufacturers on request
- For use with Segosoft Miele Edition
- Scope of delivery: Plug-in power unit (1.4 m), USB cable (0.5 m)
- H 109, W 31, D 90 mm

APH 110 Net500
Segosoft network converter, for connection of machines with serial interface to network.
- Converts serial data (RS 232) to network protocol (TCP/IP)
- Galvanic separation of all connections incl. surge protection
- Power over Ethernet (PoE) enabled
- For use with Segosoft Miele Edition
- Scope of delivery: plug-in power unit (1.4 m)
- H 90, W 109, D 31 mm

System requirements for all software systems
- CPU rate of at least 3 GHz, 4 GHz or higher recommended
- SVGA graphics with 1024 x 768 Px, 21" monitor or larger, recommended HD 1920 x 1080 Px
- Memory at least 4 GB, 8 GB recommended
- Hard drive with at least 256 GB free memory, 500 GB or higher recommended
- Min. 2 USB ports, 3 recommended, network interface, Internet access
- Operating system: Windows 10
- Adobe Acrobat Reader, Version 11.08 or higher
- Backup system recommended
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))

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

Article	Description	Mat. no.	Art. no.	EAN no.
APH 100	Segosoft serial industrial converter For serial connection of 2 appliances with the USB connection for the PC/laptop	09574000	68815602D	4002515303818
APH 110 Net500	Segosoft network converter for connection of machines with serial interface for a network.	09687440	68815902D	4002515388464

Further process documentation components

APH 301
Connection cable Type 1, for connection of machine with serial interface to PC.
- Compatible with Miele PWD853x, PLW611x, PG858x/9x with XKM RS232 10 Med
- Compatible with models from Melag, Sirona, W&H and Hawo
- Crossover cable, length 3 m

APH 302
Connection cable Type 2, for connection of machine with serial interface to PC.
- Compatible with models from Sirona and W&H Zero modem cable, length 3 m

APH 303
Extension cable, 3 m, to extend connection cable Types 1 and 2.

APH 304
Extension cable, 5 m, to extend connection cable Types 1 and 2.

APH 305
Extension cable, 10 m, to extend connection cable Types 1 and 2.

APH 330
Gender-changer adapter to connect two same-pole serial connections.
- Compatible for use with Hawo heat-seal units
- 9-pin plug, m/m

Article	Description	Mat. no.	Art. no.	EAN no.
APH 301	Connection cable type 1 for connection of a machine with serial interface to a PC.	07951420	68815201D	4002514940526
APH 302	Connection cable type 2 for connection of a machine with serial interface to a PC.	07951410	68815101D	4002514940519
APH 303	Extension cable 3 m, for the extension of connection cable type 1 and 2.	07951430	68815301D	4002514940533
APH 304	Extension cable 5 m, for the extension of connection cable type 1 and 2.	07951440	68815401D	4002514940540
APH 305	Extension cable 10 m, for the extension of connection cable type 1 and 2.	07951450	68815501D	4002514940557
APH 330	Adapter gender changer to connect two same-pole serial connections.	07986870	68815506D	4002514954219

Further process documentation components

APH 406
Network cable, for network connection, length 3 m (Type 6).
• Cable category 6
• Colour: Transparent silver

APH 407
Network cable, for network connection, length 5 m (Type 7).
• Cable category 6
• Colour: Transparent silver

APH 408
Crossover network cable, for direct PC connection, length 3 m (Type 8)
• Cable category 6
• Colour: Transparent silver
• Used for the direct connection of Miele machines
• Used for the network connection of Melag sterilisers

APH 409
Crossover network cable, for direct PC connection, length 5 m (Type 9)
• Cable category 6
• Colour: Transparent silver
• Used for the connection of Melag sterilisers
• Used for the direct connection of Miele machines
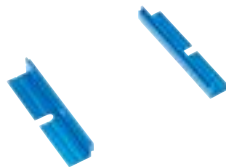
APH 190
Wall bracket for SegoSoft modules.
• Suitable for network converter APH 110 Net500
• Suitable for APH 100 serial industrial converter
• Scope of delivery: 2 metal brackets incl. screws

Article	Description	Mat. no.	Art. no.	EAN no.
APH 406	Network cable for connection to the network, length 3 m (type 6).	07951470	68815701D	4002514940571
APH 407	Network cable for connection to the network, length 5 m (type 7).	07951480	68815705D	4002514940588
APH 408	Crossover network cable for direct connection to PC, length 3 m (type 8).	07951490	68815801D	4002514940595
APH 409	Crossover network cable for direct connection to PC, length 5 m (type 9).	07951500	68815805D	4002514940601
APH 190	Wall bracket for Segosoft modules.	09573570	68811004D	4002515350980

Further process documentation components

APH 510 PRT 110
Printer for process reports.
• Dot matrix printer with ink ribbon
• Compatible with all Miele washer-disinfectors
• H 157, W 160, D 239 mm

APH 530
Connection cable, for interruption-free connection to printer.
• Compatible with APH 510 PRT110 report printer
• Length: 10 m

APH 592
Colour ribbon for APH 510 PRT110 report printer.
• Ink ribbon for dot matrix printer

APH 591
Paper reel for APH 500 PRT100 and APH 510 PRT110 report printers.
• 5 paper rolls per pack
• Width: 76 mm
• H 79, W 76, D 79 mm

APH 531
Adapter, for connecting Miele printer cable to machine.
• 9-pole adapter, for serial connections
• Male/female connection
• H 12, W 31, D 17 mm

Article	Description	Mat. no.	Art. no.	EAN no.
APH 510 PRT110	Report printer For printing process reports.	11053310	68817004D	8809166679332
APH 530	Connection cable For interruption-free connection to the printer.	06095260	68817201D	4002513532609
APH 592	Colour transfer belt for protocol printer APH 510 PRT110.	11053500	68817005D	8809166675907
APH 591	Paper roll for protocol printer APH 500 PRT100 and APH 510 PRT110.	09063410	68817003D	4002515000038
APH 531	Adapter For connecting the Miele printer cable to the appliance.	09573970	68815507D	4002515350997

Components: Communication modules

Machine networks and process documentation

XKM 3200 WL LMD
Communication module, for connection to Miele MOVE or other documentation software.
- State-of-the-art connection to the Miele Cloud Service
- Secure transmission over encrypted WiFi or Ethernet
- REST interface with data provision in JSON format
- Flexible operation on local networks
- Up to 30 process records are saved to machine
- This module is not compatible with DataDiary
- Length of mains cable: 1.5 m; cable extension possible
- H 39, W 88, D 110 mm

XKM 3000 L Med
Communication module with Ethernet connection for integration in a network.
- Ring buffer for up to 30 process reports and 2 graphic reports
- Additional components for direct/network connection not required
- DHCP support for automatic selection of network parameters
- Baud rate: 10/100 Mbit/s
- Length of mains cable: 1.5 m; cable extension possible
- H 39, W 88, D 110 mm

XKM RS 232 10 Med
Communication module with serial interface (RS232) for connection to a printer.
- Ring buffer for max. 25 process reports
- Differentiation between short and long reports
- Transfer speed: max. 38 kBit/s
- Length of connection cable: 1.5 m; extension up to 15 m possible
- H 39, W 88, D 110 mm

APST 002/1
WiFi dongle key, for simple connection of sterilisers to WiFi networks
- Easy to connect to a USB port on unit
- Transmission of process data to a WiFi-enabled device
- H 10, W 25, D 69 mm

DataDiary
App-based process documentation for easy, wireless reporting.
- Low-maintenance Plug & Play solution
- Secure, wireless data transfer via encrypted WLAN link
- Protocolling in PDF format
- User identification via ID with password or NFC tag
- Incl. access to app, communication module and 5 NFC chipcards
- Compatible from Android 10.0 and iOS 12.4
- H 39, W 88, D 110 mm

DataDiary Cube
App-based process documentation for easy, wireless reporting.
- Low-maintenance Plug & Play solution
- Wireless data transmission via WiFi using a local network
- Protocolling in PDF format
- User identification via ID with password or NFC tag
- Incl. access to app, WiFi dongle key and 5 NFC chipcards
- Compatible from Android 10.0 and iOS 12.4
- H 10, W 25, D 69 mm

Article	Description	Mat. no.	Art. no.	EAN no.
XKM 3200 WL LMD	Communication module for connection to Miele MOVE, the Segosoft Miele Edition or other software.	11795280	68822103D	4002516567226
XKM 3000 L Med	Communication module with Ethernet connection for integration in a network.	10440980	68822102D	4002515727218
XKM RS232 10 Med	Communication module with serial interface (RS232) for connection to a printer.	10444420	68822002D	4002515832394
APST 002/1	WiFi dongle key, for simple connection of sterilisers to WiFi networks.	12141160	68900012D	4002516677215
DataDiary	App-based cycle documentation for easy, wireless reporting.	10689630	68819001D	4002515894095
DataDiary Cube	DataDiary CUBE app-based process documentation for easy, wireless reporting.	11394260	68819003D	4002516298328

Process documentation

Everything visible at a glance

Process documentation		Direct connection between PC and machine		Connection via surgery network			Printer
		Option 1:	Option 2:	Option 3:	Option 4:	Option 5:	
		Connection of PC to machine via serial interface	PC connection to unit with communication module (Ethernet, WiFi)	Network connection to machine with serial interface	Network connection to machine with machine network interface (Ethernet, WiFi)	Network connection to machine with XKM 3200 WL LMD or XKM 3000 L Med communication module	
		e.g. Miele PWD 853x thermal disinfector	e.g. Miele PG 858x/9x thermal disinfectors (with XKM 3200 WL LMD or XKM 3000 L Med)	e.g. Miele PWD 853x thermal disinfector	e.g. Miele Thermal disinfectors PG 858x/9x, PG 8536 / CUBE, CUBE X small sterilisers	e.g. Miele PG 858x/9x thermal disinfectors	e.g. Miele PG 858x/9x thermal disinfector (with XKM RS232 10 Med)
The way forward: Digitalisation with Miele MOVE							
Miele MOVE for PG 858x/9x and CUBE/CUBE X					X	X	
DataDiary app	**Mat. no.**						
DataDiary - for PG 858x/9x	10689630				X (connection via WiFi)		
DataDiary CUBE - for CUBE/CUBE X	11394260				X (connection via WiFi)		
Segosoft Miele Edition	**Mat. no.**						
APS 101 Sego - Segosoft Miele Edition (licence)[1]	10019160	X	X	X	X	X	
APH 301 connection cable Type 1, serial, 3 m	7951420	X (Type 1 or Type 2, depending on model type)		X (Type 1 or Type 2, depending on model 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	Optional					
APH 304 - Extension cable Type 4, 5 m for connection cable Type 1 or Type 2	7951440	Optional					
APH 305 - Extension cable Type 5, 10 m for connection cable Type 1 or Type 2	7951450	Optional					
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 Type 7, depending on required length)	X (Type 6 or Type 7, depending on required length)	X (Type 6 or Type 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 Type 9, depending on required length)				
APH 409 – Network cable Type 9, crossover, 5 m (direct connection to PC)	7951500						
APH 510 PRT 110, report printer, serial interface	11053310						X
APH 530 – Printer cable 10 m, serial, for APH 510 PRT 110 printer	6095260						X
APH 531 – Null modem adapter for printer cable	9573970						X
RJ 45 connector	7076891					Optional (If cable extension is required. Cable length XKM module 1.5 m.)	

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

Safety first:
Hygienic reprocessing of workwear

In order to protect oneself and others, it is particularly important to subscribe to hygiene rules. In times presenting an increased risk of infection, the proper use of protective clothing is vital. This is all the more important with respect to employees in dental and surgical practices.

Workwear brings the benefits of an on-premise laundry to the fore: Expensive textiles which are often in short supply are turned around fast, allowing full control of quality and safety in reprocessing.

The machines make the difference – all aspects must be just right

To prevent any potential risk of contaminated textiles or protective equipment spreading diseases, it is necessary to use a recognised disinfecting wash process. This is particularly important in a commercial setting. The objective of this process is to kill and deactivate pathogens and to reduce their numbers to levels which do not pose any further risk of infection. In order to reliably achieve this goal, numerous factors must come together. One of the most important factors is the choice of the correct machine.

Safe laundry care
A disinfecting wash in accordance with valid regulations can currently only be safely performed in commercial washing machines. Washing machines from Miele Professional feature recognised disinfection programmes which ensure compliance with critical process parameters such as temperatures and temperature holding times.

Thoroughly dried.
Moisture promotes the propagation of pathogens, in particular fungi, bacteria and other single-celled organisms. Consequently, it is imperative that textiles are fully and uniformly dried after washing. Only then can disinfected textiles be stored under controlled conditions until next used.

Additional hygiene and safety
Miele ProHygiene: Monitoring of disinfection performance in wash process using bio-indicators

+ PRO Hygiene

These guidelines recommend a disinfection wash:
- Robert Koch Institute (RKI)
- German accident insurance companies
- German Working Group for Hygiene in Dental Medicine
- Hygiene and Medical Products Competence Centre of Association of Statutory Health Insurance Physicians
- Guideline: Hygiene in doctors' surgeries

The benefits of perfect quality management in laundry care in a practice

+

- Guideline-compliant cleaning of workwear
- Washing with approved and efficient disinfecting programmes
- Disinfection wash process is continuously monitored

+

- Simple logistics in a closed-loop in-house system
- Clean workwear ready for use again faster
- Cost-efficient cleaning, even of small loads

Disadvantages and uncontrollable risks of reprocessing laundry in private households

−

- Laundry transported through public areas
- Possible cross-contamination of private laundry
- Domestic laundry machines lack suitable disinfection programmes

−

- Time-consuming laundry care (more laundry must be stored to ensure availability)
- Possible contamination of laundry during transportation from private home to surgery

LITTLE GIANT hygiene washing machine

7 kg load capacity / M Select controls

Washing machine	PWM 507 Hygiene
User interface	M Select
Load capacity [kg]	7
Drum volume [l]	64
Max. spin speed [rpm]	1,600
g-factor/Residual moisture* [%]	704/45
Cycle time** [mins.]	49
Type of heating	EL
Drainage [DP DN 22 / DV DN 70]	Drain pump or drain valve
Front colour / material	LW or SST
External dimensions H/W/D [mm]	850/596/714

EL = Electric, DP = Drain pump, DV = Drain valve, LW = Lotus white, enamelled, SST = Stainless steel
* Residual moisture after hot final rinse, ** Cycle time in 'Cottons 60°C, hot water fill

Hygiene model version
- Designed to meet the needs for greater hygiene, e.g. in dental practices
- Safe disinfection through numerous disinfection programmes, including RKI-listed programmes

M Select controls
- Rotary selector and segment touch display
- Programme symbols on control panel
- Touch display with all information in local language, 29 languages

Highlights
- Exclusive to Miele: Gentle and thorough laundry care thanks to honeycomb drum and perforated drum rear panel for fast wetting of laundry
- Very low residual moisture levels on account of high g-factor
- Installation as space-saving washer-dryer stack possible

Optional accessories
- Plinths for ergonomic loading and unloading
- Dispenser adapter for automatic dispensing of liquid detergent

XCI box
- Communication unit for connection to dispenser pumps and energy management systems

Miele honeycomb drum: Patent EP 2 390 399 B1

LITTLE GIANTS tumble dryers

8 kg load capacity / M Select controls

Dryers	PDR 508 EL	PDR 508 HP
User interface	M Select	M Select
Drying system	Vented	Heat-pump**
Load capacity [kg]	8	8
Drum volume [l]	130	130
Cycle time Cottons/Mixed fabrics* [mins.]	42/37	79/67
Type of heating	EL	HP
Heater rating [kW]	6.14	–
Vented	DN 100	–
Front colour / material	LW or SST	LW or SST
External dimensions H/W/D [mm]	850/596/717	850/596/777

EL = Electric, HP = Heat pump, LW = Lotus white, enamelled, SST = Stainless steel, * Cycle time in Normal Dry programme, ** Contains FCs, hermetically sealed; Coolant R134a, Coolant quantity 0.61 kg, ODP of coolant: 1430 kg CO_2 e, ODP of machine: 872 kg CO_2 e

M Select controls
- Rotary selector
- Programme symbols on control panel
- Touch display with all information in local language, 29 languages
- Numerous special programmes as standard, e.g. Hygiene

Highlights
- Exclusive to Miele: Gentle and uniform drying with new patented honeycomb drum
- Spot-on drying results thanks to patented PerfectDry system
- Time savings and convenience thanks to large lint filters on vented dryers and excellent performance on heat-pump dryers thanks to a patented heat exchanger filtration system
- High efficiency through maintenance-free, energy-saving drive motor
- Installation as space-saving washer-dryer stack possible

Highlights: Heat-pump dryers
- Flexible installation without the need for vent ducting
- Energy efficiency rating A++: Up to 60% energy savings compared with a conventional condenser dryer

Optional accessories
- Plinths for ergonomic loading and unloading

XCI box
- Communication module for setting up a connection with external systems.

Miele honeycomb drum: Patent EP 2 390 399 B1

Dishwashing in the staff kitchen – hygienic, safe and fast

360 **PRO**

Commercial dishwashers are in their element, producing sparkling results, wherever domestic machines are stretched to the limit. Two separate model lines operating on the fresh water principle are geared to commercial use, with short cycle times and long-lasting product quality designed for multiple cycles per day. Combined with the optimal automatic dispensing of liquid products, optimum cleaning results are guaranteed, even when products are operated by different users.

Very short programme running times
3-phase connection, intelligent wash technology and two high-performance pumps achieve short programme cycles of as little as 17 minutes without any trade-off in terms of cleaning results.

AutoOpen assisted drying[2]
Excellent drying results, even on challenging loads, thanks to automatic door opening.

[1] European patent EP 2433549B1
[2] European patent EP 2120671B1
*Minimum requirements: Android 4.2+/iOS 9+

Miele ProfiLine dishwashers are fully compliant with safety regulations governing commercially used dishwashers (machines used outside a private home) as embodied in the EU Machinery Directive.

COMPLIANT WITH MACHINERY GUIDELINE
2006/42/EC ✓

Further highlights of ProfiLine PFD 10x series

+

+

Flexible baskets + 3D MultiFlex drawer[1]
We have improved the cutlery tray on your dishwasher so it can now also accommodate small items such as espresso cups.

Intuitive user interface
These models are as easy to operate as their domestic counterparts. Thanks to the design of the fascia panel and its self-explanatory symbols, ProfiLine dishwashers are language-neutral.

Knock2open (only for PFD 104 SCVi)
Tap the front of fully integrated Miele dishwashers twice and the door will open automatically by about 10 cm thanks to a clever opening mechanism.

Virus Seal of Approval in Gold
Efficacy in combatting enveloped and non-enveloped viruses has now been scientifically confirmed (certification by InFluenc_H -Institute for Integrative Hygiene and Virology)

ProfiLine dishwashers from the PFD 10x series

Fresh water system

Dishwasher	PFD 100 SmartBiz	PFD 101	PFD 101 U	PFD 101 i
Construction type	Freestanding unit	Freestanding unit	Undercounter unit	Integrated unit
Capacity [place settings/cycle]	13	13	13	13
Shortest cycle [mins.]	36	17	17	17
Programmes	8	8	8	8
External dimensions H/W/D [mm]	845–880/598/600	845–880/598/600	805–870/598/570	805–870/598/570
Water connections	CW or HW, max. 60°C	CW or HW, max. 60°C	CW or HW, max. 60°C	CW or HW, max. 60°C
Water softener	•	•	•	•
Electrical connection 1N AC 230 V, 50 Hz	•	–	–	–
Electrical connection 3N AC 400 V, 50 Hz	–	•	•	•
Total rated load [kW]	2.1	7.3	7.3	7.3

PFD 100 SmartBiz
PFD 101, PFD 101 U, PFD 101 i
- Entry-line models for staff and office kitchens
- Ideal for up to 5 wash cycles per day

Plus
- With baskets as standard
- High-level user convenience through wide range of product features
- Integrated water softener and liquid dispensing connection
- A variety of construction types for the perfect place-of-use integration
- WiFiConn@ct as standard (WiFi connection)

Comfort basket set
(PFD 100 SmartBiz)

ExtraComfort baskets
(PFD 101 and PFD 102)

ProfiLine dishwashers from the PFD 10x series

Fresh water system

Dishwasher	PFD 102 i	PFD 103 SCi XXL	PFD 104 SCVi XXL
Construction type	Integrated unit	Integrated unit	Fully integrated unit
Capacity [place settings/cycle]	13	14	14
Shortest cycle [mins.]	17	17	17
Programmes	8	8	8
External dimensions H/W/D [mm]	805–870/598/570	845–910/598/570	845–910/598/570
Water connections	CW or HW, max. 60°C	CW or HW, max. 60°C	CW or HW, max. 60°C
Water softener	•	•	•
Electrical connection 3N AC 400 V, 50 Hz	•	•	•
Total rated load [kW]	7.3	7.3	7.3

PFD 102 i, PFD 103 SCi XXL,
PFD 104 SCVi XXL
- Integrated dishwashers for staff and office kitchens
- Ideal for up to 5 wash cycles per day

Plus
- 3D MultiFlex drawer (PFD 103 SCi XXL, PFD 104 SCVi XXL)
- With baskets as standard
- BrilliantLight interior lighting
- High-level user convenience through wide range of product features
- Integrated water softener and liquid dispensing connection
- Perfect integration into handleless kitchens (PFD 104 SCVi XXL)
- WiFiConn@ct as standard (WiFi connection)

MaxiComfort basket set
(PFD 103 and PFD 104)

Air purifiers – Miele AirControl
PAC 1045, PAC 1080, PAC 1200

With optimised air intake and distribution, AirControl ensures a healthy micro-climate. Automatic programmes allow power settings and operating times to be preset. An integrated sensor which continuously measures CO_2 levels in room air monitors the need for ventilation: The current concentration appears in the display. Easy to operate, mobile, reliable and quiet, AirControl is available in three different versions to provide dependable protection wherever people congregate in closed rooms.

Air purifiers	PAC 1045	PAC 1080	PAC 1200
Max. air throughput [m³/h]	740	1300	3000
Max. recommended room size [m²]	45	80	200
External dimensions H/W/D [mm]	500/500/1270	500/500/1270	700/700/1300

Highlights of Miele AirControl air purifiers

+

5-stage filtration system incl. HEPA H 14
The filtration system rids the air of more than 99.995% of particles such as viruses (including Corona), bacteria, odorous substances, pollen, smoke, etc.

+

Integrated CO2 sensor
Integrated CO_2 sensor – enables CO_2-controlled operation, adjusting air throughput to the quality of room air. This results in a significant reduction in sound emissions.

+

Miele ThermoControl
After switch-off, the HEPA filter is dried at 70°C for 20 minutes in order to deactivate relevant pathogens.

+

Safe automatic operation
Three selectable automatic programmes guarantee smooth operation. Thanks to PIN code protection and a lockable access flap, unauthorised persons cannot access the controls.

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Abbreviations

Explanation of abbreviations - Dental	
AD	Connection for demineralised water (AD)
AE	Stainless-steel casing
AW	White casing
BW	Brilliant white
CLST	Stainless steel
DC	Drain valve for water cooling
DOS	Dispensing
DP	Drain pump
DSN	Dispenser pump
DV	Drain valve
DWC	Connection for demineralised water
EL	Electric heating
HP	Heat pump
i	Integrated
IMS	Independent Monitoring System (redundant temperature sensors)
LD	Liquid dispensing
LW	Lotus white
PA	Fascia
PD	Powder dispensing
SCi	Integrated dishwasher with 3D+ cutlery tray/3D MultiFlex tray
SCVi	Fully integrated dishwasher with 3D+ cutlery drawer / 3D Multiflex drawer
SET LAN	Set consisting of machine and LAN module (Ethernet module)
SET WLAN	Set consisting of machine and WLAN module (DataDiary)
SST	Stainless steel
U	Undercounter unit
UL	Certified components for USA/CDN
WB	White/black casing
WF	Without front
WS	Water softener
HW	Hot water connection
XXL	Extra large chamber

Miele

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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.

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