

Miele

Top-class performance on a smaller footprint!
PWD 8531 and PWD 8532 compact thermal disinfectors.

Miele Professional. Immer Besser.



Our new thermal disinfectors for small dental practices

A compact, high-performance package - in Miele quality



Compact build – maximum cleaning performance

Our smallest products rise to new heights, showing what they are capable of. The new thermal disinfectors PWD 8531 and PWD 8532 achieve top-class and safe reprocessing results you can rely on. Above all, they excel in terms of the freedom of installation they offer. Given their compact design, room can be found even in confined spaces for our new thermal disinfectors - on the worktop or as freestanding or undercounter models.

Geared to the needs of small dental practices

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

Hygienic and intuitive use

The convenient operation of these thermal disinfectors simplifies procedures in dental practices. The 4" touch-on-glass colour display features intuitive logics and several direct-access buttons to speed up selection. Cleaning of the control panel is equally hygienic.

Thermal disinfectors	PWD 8531	PWD 8532
Model and design	Tabletop unit	Undercounter/freestanding unit with lid
External dimensions H/W/D [mm]	535x560 (+75)x575	825x560x577
Weight [kg]	65	80
Casing	Stainless steel	Stainless steel
Full-glass door	•	•
Touch on Glass, user interface with direct-access buttons and 4" colour display	•	•
7 programmes	•	•
Programme sequence indicator and acoustic signal at end of programme	•	•
RS 232 serial interface	•	•
Electrical connection	AC 230 V 50 Hz, incl. earthed plug	AC 230 V 50 Hz, incl. earthed plug
2 water supply connections	1x cold water connection and 1x DI water connection	1x cold water connection and 1x DI water connection
Integrated water softener for cold and hot water, max. 65°C	•	•
2 dispenser pumps	One each for liquid detergent and surfactant	One each for liquid detergent and surfactant
Drying	Integrated Dry Plus hot-air drying	Integrated Dry Plus hot-air drying



Cycle times and consumption: PWD 8531 and PWD 8532	Washing and disinfection				Drying	
	Cycle time (mins.)	CW [l]	DI [l]	Energy (kWh)	Cycle time (mins.)	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 DI water is recommended in the final rinse. If DI (demineralised) water is not used, tap water consumption increases accordingly.

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

Miele benefits with a payback



Greater efficiency for smaller practices

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



Space-saving solution

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



Thorough drying

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



Simple dispensing

Liquid process chemicals are dispensed simply and automatically via 2 dispenser pumps. On the PWD 8531, process chemicals from integrated supply tanks are dispensed at the appropriate programme stages. In the PWD 8532 with its plinth, dispensing is from the two integrated 5 l canisters.



Visual inspection

Visual monitoring during reprocessing is enabled by the full-glass door, allowing items blocking the passage of the spray arms to be removed.



Convenient operation

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

Further benefits:



Complete and gap-free process documentation

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



Clean results

In order to avoid discolouration, deposits and stains on instruments, Miele thermal disinfectors are equipped ex works with an integrated water softener which removes most of the minerals causing water hardness from tap water. This ensures optimum cleaning results: A positive contribution to retaining the value of instruments and extending the life of the thermal disinfectant!



Greater security through continuous process monitoring

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



Long life expectancy

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



Immaculate cleaning

Triple filtration ensures optimum wash results and a longer pump service life.



Tested Miele quality

Everyday working life demands reliable products. Consequently, all Miele thermal disinfectors are put to the acid test in Miele laboratories with a view to potential improvements. Miele's wealth of experience in application technology is incorporated into the assessment so that all machines meet high Miele quality standards to ensure excellent cleaning performance with consistently high water pressure – for reliable reprocessing.

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

Ideal interplay:

Baskets and inserts for PWD 8531 and PWD 8532 thermal disinfectors



APWD 060 standard basket

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



APWD 061 injector basket

- For transmission instruments, extractors and various inserts and mesh trays
- 6 connections for hand-pieces, contra-angles and turbines
- 6 injectors \varnothing 3.8 mm x 15 mm for extractors
- Active drying of turbines, hand-pieces and contra-angles
- Loading dimensions H 230, W 320, D 395 mm
- H 120, W 395, D 469 mm



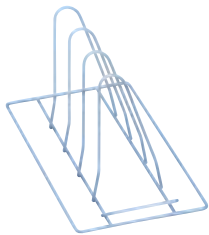
APWD 062 insert

- For instruments in an upright position
- Suitable for probes, tweezers and mouth mirrors
- Insert with 10 compartments, approx. 55 mm x 52 mm and 30 compartments, approx. 18 mm x 15 mm
- H 120, W 125, D 395 mm



APWD 063 insert

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



E 807 insert

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



E 197 insert 1/6 mesh tray

- For instruments
- Wire mesh with following mesh sizes: 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 insert

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



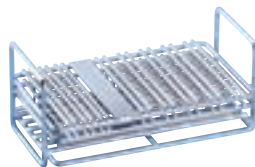
E 521/2 insert

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



E 522/1 insert

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



E 491 insert

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



E 801/1 insert

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



APWD 072 injector nozzle

- For lumened instruments, in particular saliva extractors

APWD 073 adapter

- Allows further APWD 072 injector nozzles in APWD 061 basket

Further accessories



APWD 065 adapter

- For transmission instruments (Manufacturer: W&H)

APWD 064 blind stopper ①

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

APWD 067 adapter ②

- For various adapters for reprocessing for example transmission instrument in combination with APWD 068
- H 19, W 36, D 36 mm

APWD 068 adapter ③

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

APWD 069 filter ④

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

APWD 070 adapter ⑤

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

APWD 071 adapter ⑥

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

APWD 066 holder

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

Perfect reprocessing with Miele ProCare Dent



ProCare Dent process chemicals form the basis for the thorough and gentle treatment of expensive instruments. According to recommendations issued by instrument manufacturers, Miele Professional offers specially formulated products for the reprocessing of standard and transmission instruments.

Miele recommendations for PWD 8531 and PWD 8532
with two pumps (NO dispenser compartment for surfactant)

Instrument type

Routine reprocessing of standard and transmission instruments



Programme

Vario TD Dental

Detergent

ProCare Dent 10 MA (liquid detergent)

Rinse aid

ProCare Dent 40

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

Immer besser

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

Award-winning

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

Proficient

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

Miele Professional on the web

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