

For a hygiene system in perfect flow.

Water treatment system Hygopure 90 and Hygodem 90 from Dürr Dental.



COMPRESSED AIR
SUCTION
IMAGING
DENTAL CARE
HYGIENE

Systematic water treatment. Integrated in the hygiene cycle.

Professional hygiene technology requires special water treatment in accordance with the highest of standards. Medical instruments require high-quality water for good sterilisation. It is decisive that the water is demineralised or distilled to prevent deposits and contaminants on the instrument, thereby ensuring them the best protection.

The Hygodem 90 and Hygopure 90 treatment systems ensure the reliable and easy generation of demineralised water and can be connected directly with the Hygoclave 90. They produce water for the sterilisation of your instruments in exactly the required location, thereby ensuring a quick and efficient hygiene cycle.

Dürr Dental has the right water treatment unit for all uses. Compatible with the Hygoclave 90 and perfectly integrated in the hygiene system. Ideal for small requirements in a dental setting: the Hygodem 90. Optimal for large practices with maximum performance requirements: the Hygopure 90. Both made in Germany.



The Hygodem 90. Complete reliability overall.

The Hygodem 90 stands for high quality in a compact unit. The ion exchanger unit filters tap water in three cartridges; it can be directly connected to the Hygoclave 90, requiring little space.

Quick installation and simple maintenance make the Hygodem 90 simple to operate and a friend to all practice managers. Its performance and affordability makes the Hygodem 90 the perfect partner for small dental practices with a low to medium water requirement.

- Ion exchanger unit
- 3 ion exchanger cartridges make for easy operation
- Relief valve makes for simple maintenance
- Quick connector makes for simple installation
- Low space requirements
- Affordable purchase price



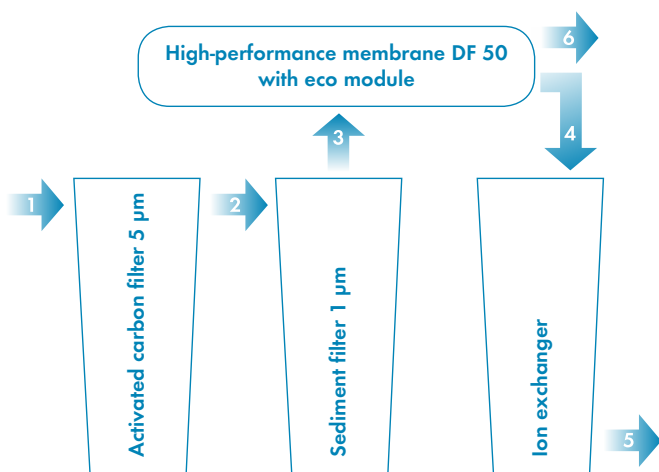
The Hygopure 90. High capacity for high requirements.

When operated at maximum performance, the Hygoclave 90 needs a powerful and reliable partner. With its high capacity, the Hygopure 90 permits the dispensing of large quantities (several litres) of DI water at once.

The good service life of the cartridges and the membrane provide excellent reliability at high frequencies - perfect for large dental practices or clinics. The water tap (included in the scope of delivery) and an additional storage container ensure additional ease of use.

- Reverse osmosis unit inc. water tap and storage tank
- Multiple filter stages + high-performance membrane with a service valve for checking the efficiency
- Quick connector makes for simple installation
- High capacity
- Several litres of DI water can be dispensed at once
- The eco module permits water savings of up to 70%

How it works:



High-performance membrane DF 50 with eco module

The eco module maintains constant membrane effectiveness at 1 : 3 (permeate to waste water). Compared with a system without an eco module with a degree of effectiveness of only up to 1:7 or worse, the eco module provides a water savings of up to 70 %, thereby enabling a significant reduction in waste water consumption.

- 1 Tap water
- 2 Activated carbon filtered water
- 3 Activated carbon and fine-filtered water
- 4 Permeate (as new, the conductance is reduced by c. 95 %)
- 5 Demineralised water (DI water) → to the storage tank
- 6 Waste water (membrane flushing)

Systematic comparison: an overview of Hygodem 90 and Hygopure 90.

	Hygodem 90	Hygopure 90
Dimensions (W x H x D)	39.0 x 42.5 x 16.0 cm	39.5 x 50.0 x 15.5 cm Container (Ø x H): 24.0 x 40.5 cm
Water pressure	0.3 – 7.0 bar	2.8 – 7.0 bar
Capacity approx. at medium hardness	189 l *With a medium hardness range: 7.3 – 14 °dH	1315 l *With a medium hardness range: 7.3 – 14 °dH
Water temperature	4 – 38 °C	4 – 38 °C
Filter change at the latest after	1 year Or after exhaustion: conductance > 15 µS/cm	1 year Or after exhaustion: conductance > 15 µS/cm
Service life of membrane	-	Approx. 4 years or if retention quota < 80 %, measurable via membrane service valve in front of the ion exchanger
Removal volume	Max. 0.4 l/min	Max. 7.5 l/h
Degree of efficiency	1 : 1 (Tap water to DI water)	1 : 3 (permeate to waste water) Constant thanks to the eco module
Country of manufacture	Made in Germany	Made in Germany
Demineralized water in accordance with EN 13060 Appendix C	Yes	Yes

Your hygiene system, your choice.

	Hygodem 90	Hygopure 90
Water pressure < 2.8 bar	✓	
Water consumption < 2.5 L / day	✓	
Water consumption > 2.5 L / day		✓
Very high water hardness		✓
High silicate content in the tap water		✓

The Hygodem 90 and Hygopure 90 are not suitable for use with a thermal disinfectant.