

Hygoclave 50. Hygiene is in our DNA.



We carry hygiene competence in our genes.

For 80 years, Dürr Dental has been driving evolution in hygiene and medical technology with innovative solutions. Special know-how in the field of hygiene is thus practically in our genes and enables us to offer a wide range of hygiene products, which we are continuously expanding and perfecting in order to make your everyday practice as safe and successful as possible.

The Hygoclave 50 is our latest new development in this area. Its DNA makes it a reliable link in the practice's hygiene chain. Here, absolute reliability and consistent sterilisation results to the highest standards are what counts. With Hygoclave 50, Dürr Dental offers dental practices a professional Class B solution that combines impressive performance with a well thought-out operating concept - for maximum efficiency and exceptional user friendliness designed to cope effortlessly with tough day-to-day working environments.

This is what counts:

- High-performance sterilisation and drying system
- Excellent usability thanks to:
 - Intuitive operating concept
 - High-resolution 5" touch screen
 - Automatic door locking mechanism
 - Flexible fresh water supply
- Extra universal programme for additional safety even when sterilising complex hollow bodies
- Integrated water quality test
- Everything in view and documented thanks to connection to the practice network and dental documentation programmes





**DÜRR
DENTAL**



Increased comfort for maximum efficiency

1 Robust stainless steel chamber

Stainless steel and plastic are used across the board in the sterilisation process to prevent the risk of highly corrosive demineralised water dissolving ions from the materials. Chemical reactions that could impair the sterilisation process are suppressed as a result.

2 High-performance process control

The powerful steam generator guarantees uniform and precise sterilisation processes around the clock. The optimised process control, in combination with the components and materials used, not only enables Class B sterilisation processes, but also carries them out within the shortest possible time with particularly economical water consumption. In addition, the Standard B Plus cycle offers 4 evacuation stages during the fractionation phase. This means a real boost in terms of safety during venting of the chamber.

3 3-fold flexibility for the water supply

Regardless of the size of the dental practice, the required throughput or the structural conditions of the building: when it comes to fresh water supply, every practice has to go its own way. Hygoclave 50 has proved itself to be a flexible partner capable of offering the perfect solution for any constellation.

1 Manual fresh water supply

The fresh water and waste water containers are easily accessible for effortless filling of the fresh water container manually. This solution offers ideal hygiene conditions and optimum access for inspection and maintenance.



2 Combination with a water treatment system

On the rear of the unit, there are connections for connecting the unit to a water treatment system like the Hygodem 90 or Hygopure 90.

3 Integrated pump

On the front there is a connection that allows fresh water to be drawn into the fresh water container from an external container with the aid of the integrated pump.



4 Automatic door locking mechanism

A motorised locking system opens and locks the door automatically, which makes loading and unloading of the sterilisation chamber particularly comfortable and safe.

5 Integrated dust protection filter

An easily accessible and easy to clean dust protection filter protects the unit effectively against dirt and contamination from the surrounding air.

6 Powerful drying

Some parts for sterilisation are more difficult to dry and need longer drying phases or even an individually tailored drying process. Whatever the requirements, the process can be precisely adapted to the specific situation. Thanks to the powerful drying system with a deep vacuum, the sterilisation products come out of the chamber with perfect sterilisation results.

Ready for Dental Practice 4.0.

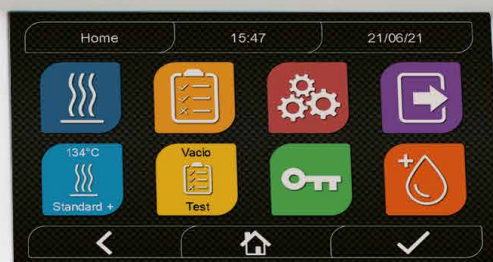


Future-proof networking

The Hygoclave 50 is not only optimally prepared for standalone operation. It also works perfectly as part of a network, which is why it is supplied with a dedicated interface for data exchange with all standard documentation and practice management software products.

Automatic documentation with no gaps

Every sterilisation process is automatically logged and filed in the internal device memory, which offers enough space for more than 100,000 cycle records. Afterwards the reports can be downloaded and opened as PDF documents via USB or Ethernet. Alternatively, the documents can also be printed out directly via the label/report printer, which is available to order separately.



Display

With the intuitive operation of its graphical interface, the high-resolution 5" touch screen delivers comfortable standalone operation of all functions. Colour-coded icons on the home screen make for incredibly easy navigation and offer fast access to key functions and the integrated user management system. There, the most recently executed sterilisation and test cycles can be conveniently started via quick access or programme starts can be freely programmed.

Service experts think ahead.

Service-friendly and modular

The device architecture has been planned and configured to make the unit as service-friendly as possible. All key components are easily accessible and offer modular replacement capability.

Easy system check

In the event of a fault, the user-friendly graphical user guidance enables fast component checks to be carried out via the handy service functions, thus facilitating reliable troubleshooting.

Professional service is not a feature – it is a matter of attitude.

- Worldwide service network with our own service technicians and workshops in the Dürr Dental subsidiaries. In addition, our own employees look after customers locally in over 40 countries – and of course they all speak the local language.
- 2nd level service support via remote service and via the central repair workshop at the company headquarters in Bietigheim.
- Comprehensive training concepts: practical training courses at the Dürr Dental Academy in Bietigheim, on site in the different countries and online via professional webinars.

Accessories



Hygodem 90/Hygopure 90

These two water preparation systems enable particularly cost-effective and sustainable operation. The Hygodem 90 is an ion exchanger, while the Hygopure 90 works according to the principle of reverse osmosis.



Hygotest

The Helix test phantom with 250 test strips for a regular, quick and simple Helix test.



Label printer

The automatic label printer for sterile product packaging enables the direct printing of program-specific labels, e.g. with a barcode for scanning into digital data management systems.

Technical data and programmes

Technical data	Hygoclave 50	Hygoclave 50 Plus
Supply voltage	220 V-60 Hz, 230 V-50 / 60 Hz, 240 V-50 Hz	220 V-60 Hz, 230 V-50 / 60 Hz, 240 V-50 Hz
Maximum current consumption at 230 V	8.9 A	9.6 A
Maximum power consumption at 230 V	2050 W	2200 W
External dimensions (W x H x D)	493 x 484 x 642 mm	493 x 484 x 642 mm
Weight	57 kg	61 kg
Chamber dimensions (Ø x D)	250 x 370 mm	250 x 450 mm
Chamber volume	17 l	22 l
Chamber material	Stainless steel	Stainless steel
Fresh water container	5.2 l	5.2 l

Maximum load for standard cycles Type B	Hygoclave 50	Hygoclave 50 Plus
Unpackaged, bulky load	5.5 kg	6.5 kg
Packaged, bulky load	3.5 kg	4 kg
Porous load	1.5 kg	2 kg
Maximum load for B flash cycle	Hygoclave 50	Hygoclave 50 Plus
Packaged, bulky load	0.5 kg	0.7 kg
Porous load	0.2 kg	0.3 kg

Programs	Hygoclave 50	Hygoclave 50 Plus
134° C B Standard (hold time 5.5 min)	45 min	48 min
134° C B Standard Plus (hold time 5.5 min)	49 min	51 min
134° C B Prions (hold time 20 min)	60 min	62 min
134° C B Flash (hold time 5.5 min)	33 min	34 min
121° C B Standard (hold time 20.5 min)	58 min	60 min

* Average values determined at maximum load, including pre-heating phase and drying. Standards: EN 13060 / EN 61010-1 / EN 61326 / EN 61010-2-40.