



AquaPlus

THERMO-DISINFECTOR

Instrument sterilization, cross-infection prevention
and biohazard management.



Tecno-Gaz and sterilization

Tecno-Gaz is a pioneer in the automation of pre-disinfection phases. With 40 years of experience in the production of sterilizers, Tecno-Gaz has developed the AQUA PLUS thermoisinfectore. Tecno-Gaz washer-disinfectors are developed to meet the highest hygiene standards: ISO Standard EN-ISO 15883-1/2. The two AQUA PLUS thermo-disinfectors fit perfectly into the Tecno-Gaz sterilization solution and complete the range of small tabletop washer-disinfectors already on the market for many years. Recognized leader in infection control and biohazard management.



AQUA Plus

The true thermal disinfection

Disinfection is a very important phase of the sterilization process, which aims to reduce the bacterial load present on the materials to be treated, making them safer and easier to manage. Disinfection can be carried out chemically or by automated thermal disinfection. Thermal disinfection is a neutral system capable of breaking down the bacterial load to more than 99%.



AQUA Plus the excellence of thermal disinfection.

AQUA Plus is a **latest generation thermodisinfection system**, created to be very easy to use, customizable according to the needs of each cabinet, fast and versatile by adapting to different loads. Particular attention has been paid to finding **the most advanced components** able to **guarantee the maximum reliability** of the device and achieve an excellent result.

Drying

Perfect drying is an essential element in decision making, as users do not accept wet instruments at the end of the cycle. Aqua Plus is at the forefront in this field. Forced dynamic drying is provided by the most powerful fan on the market. All instruments are perfectly dried outside and inside. The hot air, disinfected by HEPA 14 filter, passes through the washing arms and the washing bar of rotating instruments ensuring a perfect drying even inside the handpieces. Drying time and temperature are programmable.



Full supply

Aqua Plus always comes with integrated drying system, standard baskets, holder for rotating instruments.



Treatment system

The thermodisinfection cycle takes place by introducing hot water at 95 °, thanks to a system of double washing bars placed in the upper and lower part of the tank, ensuring a perfect treatment able to remove any residue and carry out the thermal separation phase efficiently. The two rotating arms are easily removable and inspectable.



Biofilm Control

3 accessible and removable filters allow a thorough and easy interior cleaning, avoiding any residual water source of biofilm and bacteria. The patented ETS system (Empty Total System) ensures hygiene perfect from the inside of AQUA PLUS. This unique and innovative approach highlights Tecno-Gaz's conception of biohazard control down to the smallest details.

Maximum flexibility

Thanks to the basket provided and the wide range of accessories available, it is possible to accommodate surgical cassettes, vertical instruments, rotating instruments and small objects.



* cassettes and surgical instruments are not provided

Treatment chamber

The treatment chamber is built in AISI stainless steel 304 and has a size of 65 liters.



Versions

AQUA PLUS is available in a workbench or built-in version.



Width

595 mm | 595 mm

Depth with door closed

540 mm | 540 mm

Height

600 mm | 818 mm

Total weight

65 kg | 80 kg

DIMENSIONS OF THE WASHING CHAMBER

Width

415 mm | 415 mm

Depth

480 mm | 480 mm

Height

375 mm | 375 mm

Type of protection

(according to IEC 60529) IP 200

CE Marking

Medical Devices Directive 93/42/EEC,
Class IIb

Average sound pressure level

<70 dB (A)

Easy cycles

The screen is very intuitive and a large number of parameters ensure easy operation of the device, reducing training and learning time to a few minutes. Touch screen, 3 preset programs, 1 rinsing program and 1 drying program, the selected cycle can be started without complications. A flow meter continuously monitors the dosing of liquids and informs the user when filling is necessary.



Fast Cycle 45'



Washing and disinfection of instruments with normal dirt.

Standard Cycle 60'



Washing and disinfection with additive for final rinse.

Intensive Cycle 75'



Washing and disinfection program, specific for treatment of very dirty instruments.

CYCLES

CYCLE DATA IMPORTANT	FAST	STANDARD	INTENSIVE
Prewash	✘	☑	☑
Certification (UNI EN ISO)	15883	15883	15883
Thermo-disinfection 90°C	5'	5'	5'
Rinsing	1'	2'	3'
Drying at 125° - filtration hepa 14	10'	20'	25'
Total duration	45'	60'	75'

Security

Safety is also a fundamental parameter and AQUA PLUS offers innovative and unique features. Door locking, password protection, continuous microprocessor control with automatic cycle interruption, water and detergent quantity control by flowmeter, independent laboratory tests, all our parameters meet the most demanding criteria of UNI ISO EN 15883 standard.

Easy to use

With Tecno-Gaz, sterilization has never been easier. All our devices are simple and intuitive and this new device respects this philosophy:

- **Colour touch screen**
- **Predefined cycles (5)**
- **Custom Programmed (35)**
- **Clear informative messages**
- **Cycle management is easy and controlled.**

Perfect *drying* is an essential element in decision making, as users do not accept wet instruments at the end of the cycle. Aqua Plus is at the forefront in this field, with highly efficient thermodynamic drying thanks to a hot air flow in the washing arms, and a unique drying solution in the rotating instrument boom allowing internal drying of the handpieces.

PID

An 8-position bar allows the internal and external disinfection of 8 turbines/ counter-angles.

Adapters allow the wash bar to be configured and customised to the working profile of the practice, for example only contra-angles.

Printer for cycle data

Predisposition for traceability system (100 parameters available - medical standard) RS232



Accessories

Standard



Art. **TD806TMD**
STANDARD MESH BASKET



ART. **TD800TMD**
8 trays basket
* Max 2 trays on standard basket



Art. **TD801TMD**
BASKET FOR VERTICAL INSTRUMENTS



Art. **TD807TMD**
WASHING BASKET WITH SUPPORT FOR 8 HANDPIECES

Optional



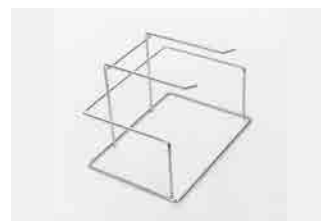
Art. **TD802TMD**
3 TRAYS BASKET



Art. **TD805TMD**
FINE MESH BASKET
80X80X42 MM



Art. **TD809TMD**
TRAYS / BOXES BASKET
7 HOLDERS



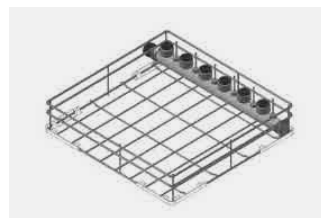
Art. **TD803TMD**
POLISHED BASKET FOR 10 IMPRESSION TRAYS



Art. **TD812TMD**
ADAPTER NOZZLE FOR VACUUM CLEANERS



Art. **TD804TMD**
POLISHED HINGED INSTRUMENT BASKET



Art. **TD808TMD**
WASHING BASKET EQUIPPED WITH 6 HANDPIECE HOLDERS + 6 SUCTION TIPS



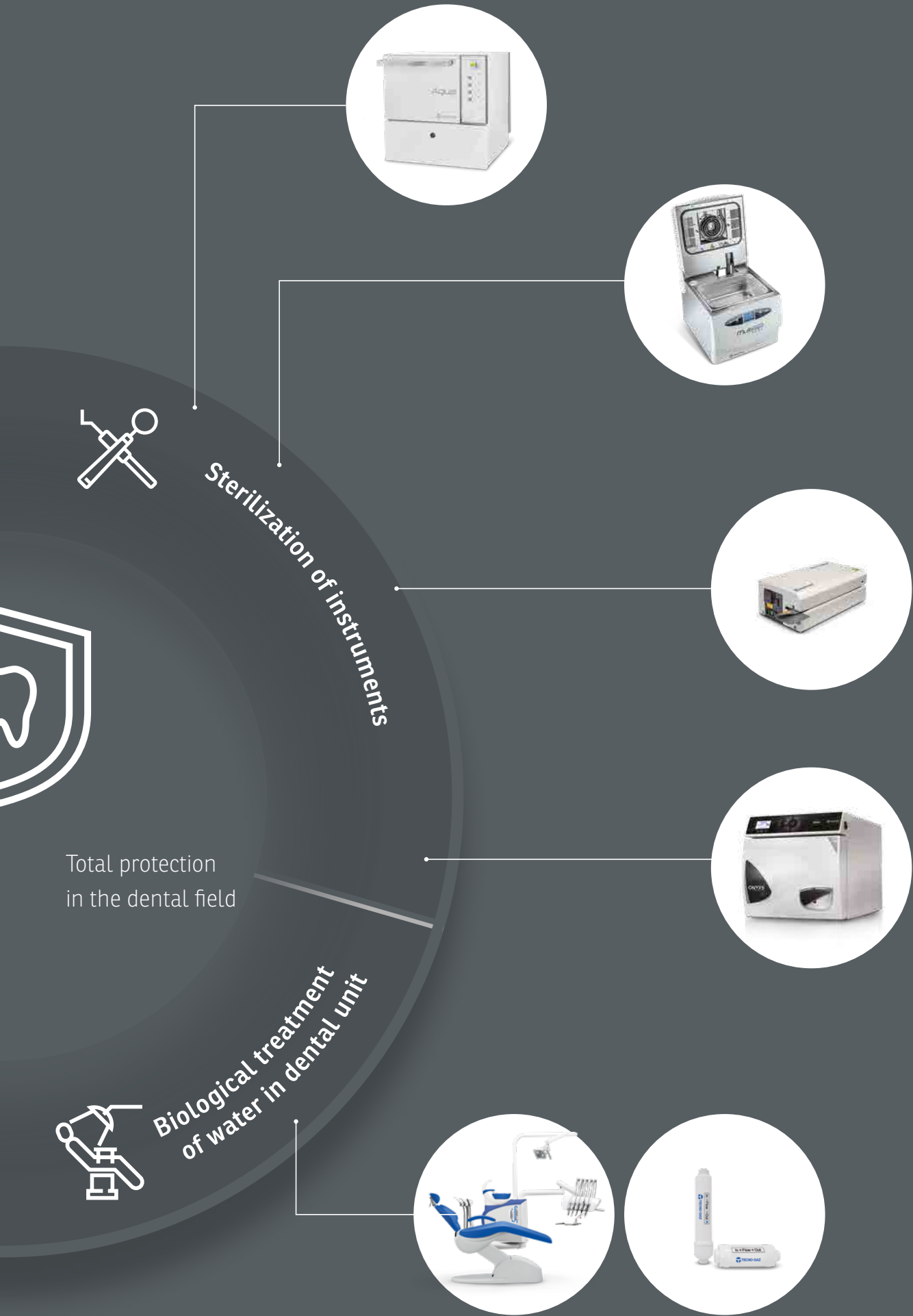
Art. **TD810TMD**
BASKET FOR 10-12 GLASSES

Cabinet-integrated security

360° safety with Tecno-Gaz technology

Tecno-Gaz is the only company able to offer a complete and integrated program for the prevention of infectious risks. From the individual safety of operators and patients, to instrument sterilization lines, to environmental and chair and unit prevention, Tecno-Gaz offers products, services and training for operators in the dental and medical world.



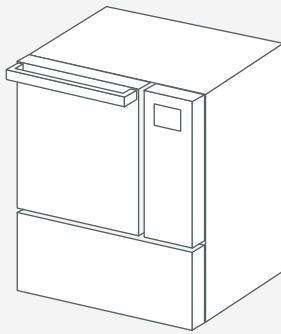


AquaPlus

THERMO-DISINFECTOR

EN 
1st Edition

Instrument sterilization, cross-infection prevention
and biohazard management.

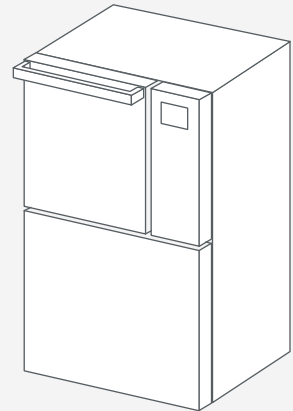


Art. **TD010TMD**

AquaPlus
Workbench Version

Art. **TM011TMD**

AquaPlus
Built-in version



GraphoServiceParma
MTGZD0209 Rev. 00/10/2020



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