

# Europa B Pro

autoclave for the sterilization of type B loads

Biological risk

# B

Europa B Pro is an autoclave designed using new technology suitable for the sterilization of type B loads. Europa B Pro can count on sophisticated solutions, which make it the autoclave with the best quality/price ratio on the market.



## Ask the expert

### Who needs this?

All medical and dental surgeries.

### Why Europa B Pro?

Because it is a very latest-generation model, with a quality/price ratio that cannot be matched on the market.



Art. 2040S  
Europa B Pro

Art. 2041S  
Europa B Pro24

Frame and click! Usa il tuo telefonino per avere ulteriori info su questo argomento.





## Safety on the door

We have applied three safety devices on the autoclave door:

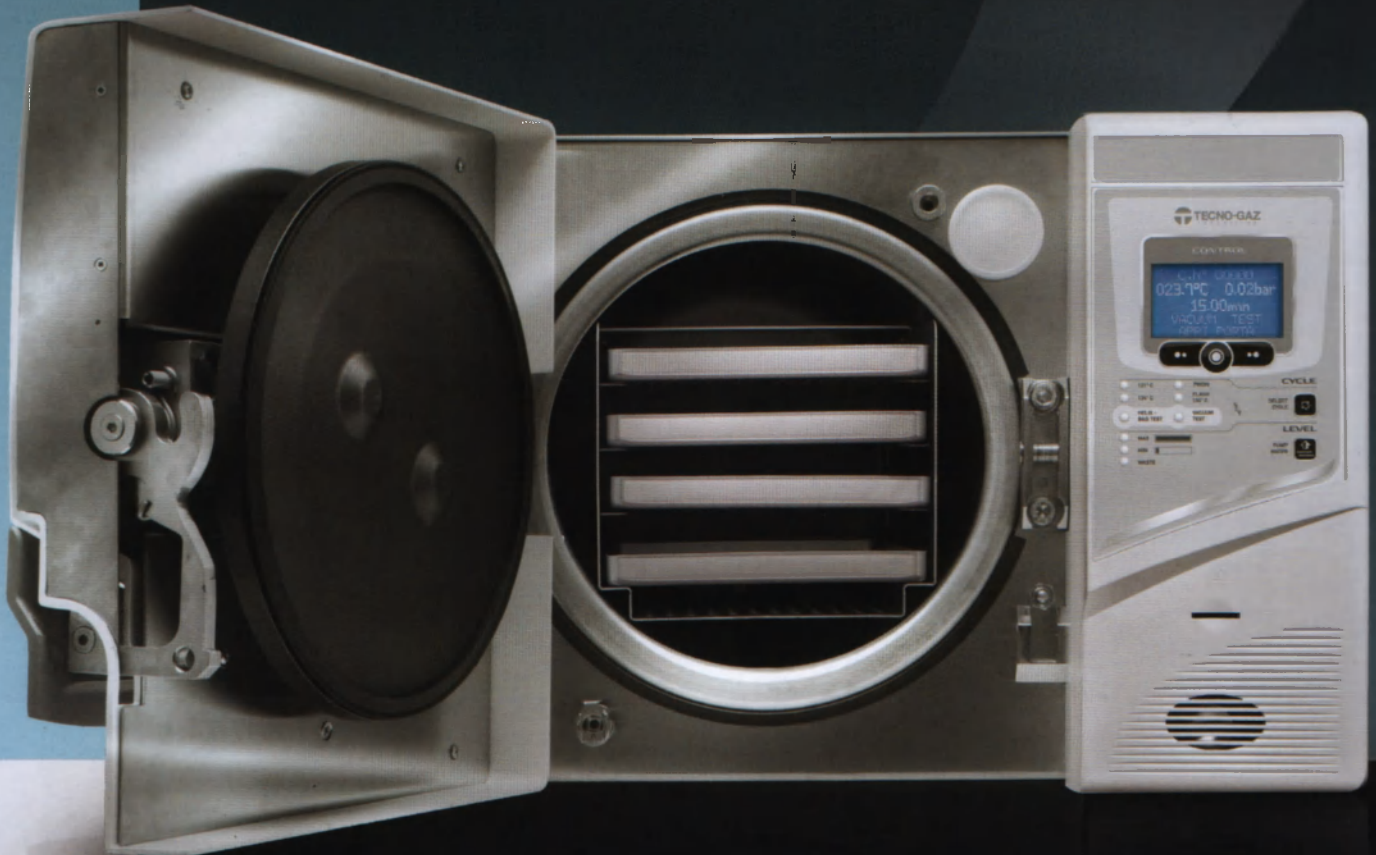
- **The first device is a mechanic and electromagnetic one:** it triggers when the sterilization cycle begins and completely blocks the door opening. This device can be removed at the end of the cycle by pushing the device-unlocking button, but only if positive pressure is near zero.
- **The second device is an electrical one:** it triggers automatically when an attempt to force the door open is detected.
- **The third device is dynamic and acts on the structure of the gasket.**

## Safety devices in place

- Certified safety valve.
- Ped on sterilization chambers.
- Insulation of the chamber with certified ceramic material.

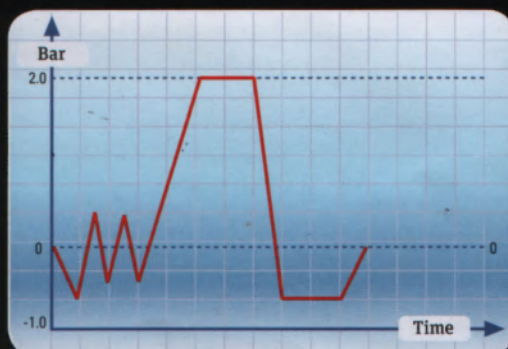


Close-up view of the front of an Europa B Evo Pro autoclave



## Technical characteristics

Pressure dynamics during a sterilization cycle with Tecno-Gaz Europa B EVO Pro autoclaves.



## Electronic control

Europa B Pro is managed by a new electronic system, equipped with a latest generation micro-processor.



## Cooling system

New cooling system with a double-bodied radiator.



## Sterilization cycles

121°C-134°C suitable both for wrapped and unwrapped materials. All cycles are for type B loads.



# Autoclaves that guarantee safe sterilization

Biological risk

## Technical characteristics

The main commitment of a company like Tecno-Gaz is to manufacture products with unique features, distinguishing traits and concepts that ensure maximum reliability and safety to the user. Our research offices, together with support and assistance of external institutions have devised an extraordinary system that has been applied for the first time to our autoclaves. This innovative device is called P.I.D.

P.I.D. means Proportional Integral Derivate and represents the apex of closed loop controls. The structure of this technologically advanced control is simple and flexible. P.I.D. ensures a constant control and monitoring of the whole operating system of the autoclave, acting automatically in case of anomalies or incorrect values in technical and electronic parameters. This device behaves like a "real technician" with real-time diagnostic and intervention capability. This solution reduces anomalies and warnings, granting maximum reliability and minimising the machine inactivity times (if any).

PID  
ON BOARD



## Pre-set cycles without handling

All cycles are pre-set and always guarantee safe sterilization of the materials being treated. There is no possibility of intervention or handling in the cycles on the part of the operators. Thus avoiding any type of possible human error.

## All cycles ensure the sterilization of type B loads

All sterilization cycles have a fractional vacuum system, controls and parameters that ensure the sterilization of type B loads. Even an incorrect selection of the desired cycle always ensures the safe sterilization of all types of material being treated.

## Ergonomic and easy to use

You only need to press a button to select the cycle, and another button to start the whole process. It is impossible to make a mistake, impossible to choose a cycle that does not ensure correct sterilization, any kind of operator error is signalled by error messages. The autoclave can be used by more than one person without the chance of causing damages or problems. Even for this important aspect, Tecno-Gaz wants to provide maximum operator safety.



## Sterilization cycles

- **OVERNIGHT CYCLE**
- **134°C – 121°C CYCLES** universal, both for wrapped and unwrapped instruments, all for type B loads.
- **FLASH CYCLE** for rapid sterilizations, on unwrapped instruments for type B loads.
- **PRION CYCLE**
- **TEST CYCLES** Bowie & Dick, Helix Test, Vacuum Test.
- Built-in anti-condensing system present in all cycles.

### Europa B Pro

### Europa B Pro 24

Width	504 mm	504 mm
Height	400 mm	400 mm
Depth	640 mm	730 mm
Weight	70 Kg	74 Kg
Main voltage	230V - 50/60 Hz	230V - 50/60 Hz
Power absorption	1,7 Kw	2,2 Kw

### Sterilization chamber dimension

Diameter	245 mm	245 mm
Depth	318 mm	500 mm

# Europa B Pro

## Safe, easy, cutting-edge



### SD Card

Collection and archiving of data relating to the cycles and the monitoring of the autoclave are carried out through an SD card. This system also allows for the software of the autoclave to be updated without any technical intervention, but simply by inserting a suitable SD CARD.



### Barometric alignment

Automatic barometric alignment is provided from the first time the device is switched on, without any technical intervention.



### Overnight cycles

Automatic overnight cycles with anti-condensing system and automatic switch-off, with memory effect.



### Provision for mains water supply

The osmosis system mod. Pura Plus is an extremely compact piece of equipment for osmosis, created to be directly connected to the autoclave, guaranteeing a constant supply.



### Accessories

- Art.N.SPLA349 Special dual-purpose tray carrier
- Art. 276-S Memory card



### Available versions

Art. 2040S Autoclave mod. **Europa B Pro**

Art. 2041S Autoclave mod. **Europa B Pro24**  
with osmosis system

**Europa B Pro 24** allows for the sterilization of large loads and of particularly long instruments. This model is particularly recommended for medium-large surgeries, group practices and centres where there is a high use of instruments and devices. **Europa B Pro24** is fitted with the inverse osmosis system mod. Pura.

