

# Europa B Evo

Fractional vacuum steam autoclave

Biological risk

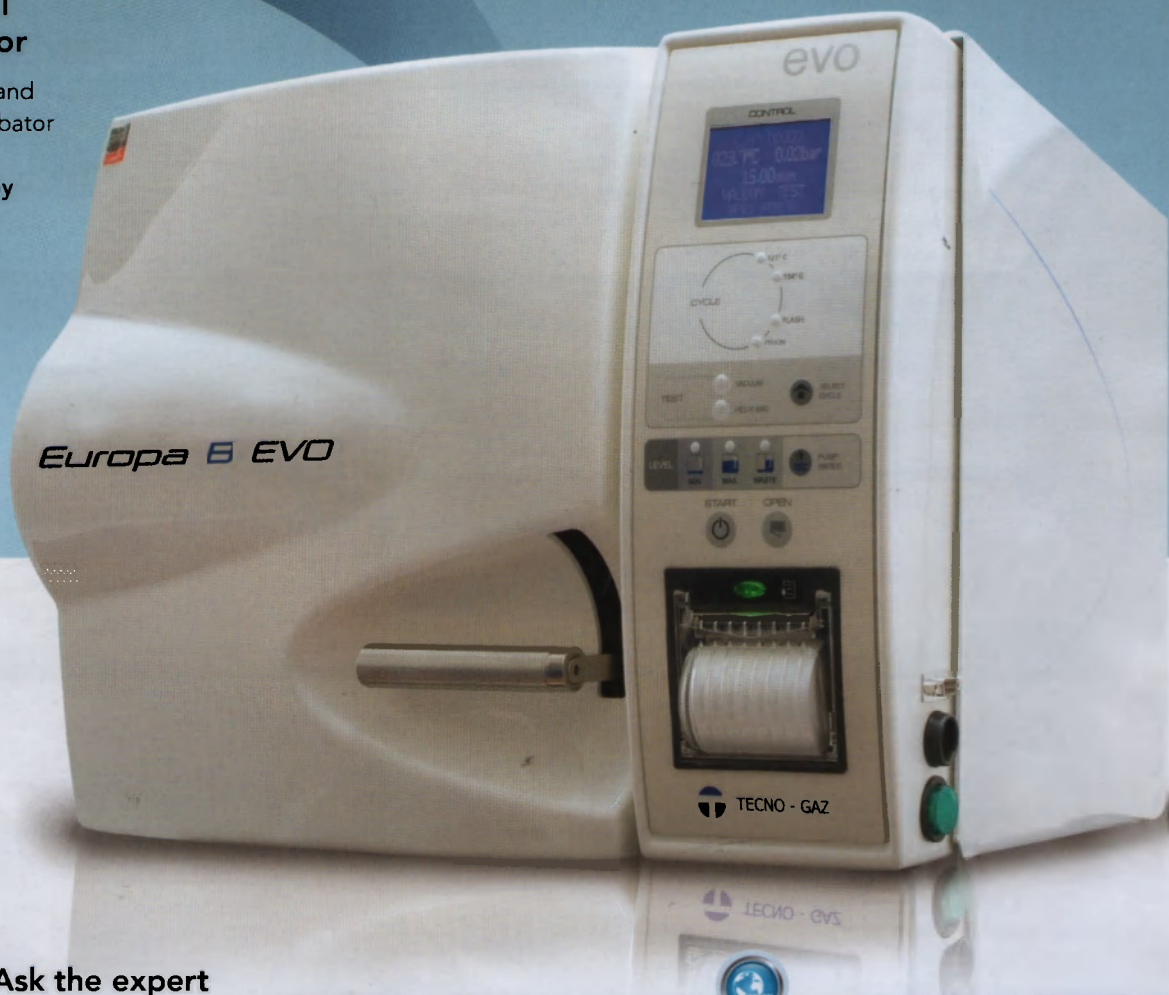


# B

**Europa B Evo** is an autoclave that has been developed jointly by the Tecno-Gaz research office and important external development facilities. **Europa B Evo is indispensable** for all medical and dental facilities and in all fields where safe sterilization of all materials is required: hollow, porous, solid, wrapped and unwrapped. Europa B Evo continues the success that Tecno-Gaz has achieved over the years, in fact, thousands of professionals use Tecno-Gaz autoclaves and are very satisfied.

## Built-in connection for a biological B-Test incubator

On the front right-hand side is a B-test incubator connection that is managed directly by the machine.



## Ask the expert

### Who needs this? Why a class B autoclave?

All medical and dental surgeries.

An autoclave conforming to EN 13060 is the very best of technology and safety in terms of sterilization. It ensures maximum efficiency in the sterilization of all instruments including those that are hollow and porous, typical in a dental surgery. Given the level of surgery achieved by dentists a class B autoclave is an instrument that is undoubtedly indispensable for all practices.

Art. 2033S2  
Europa B Evo

Art. 2034S  
Europa B Evo 24

Frame and click! Use your mobile phone to get further information about this issue.



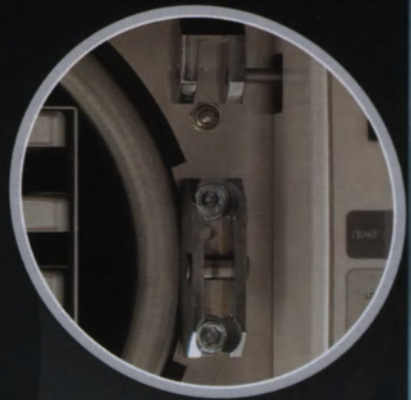




### Safety on the door

We have applied three safety devices on the autoclave door:

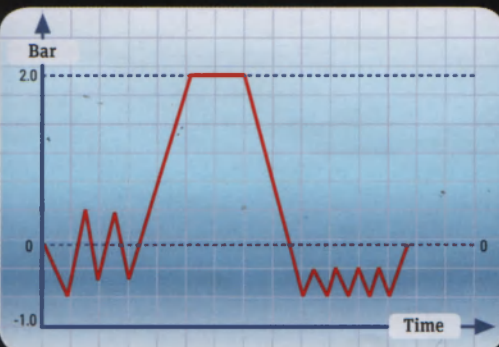
- **The first device is a mechanic and electromagnetic one:** it triggers when the sterilization cycle begins and completely blocks the door opening. This device can be removed at the end of the cycle by pushing the device-unlocking button, but only if positive pressure is near zero.
- **The second device 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.**



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

### Safety devices in place

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



### Technical characteristics

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







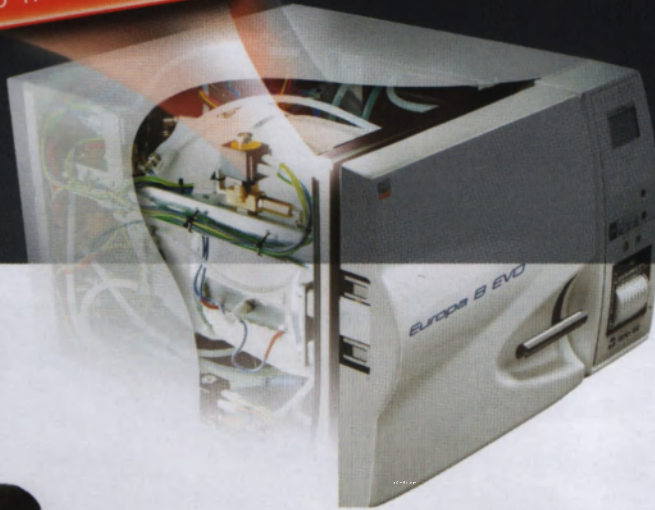
# Autoclaves that guarantee safe sterilization

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).



## 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.

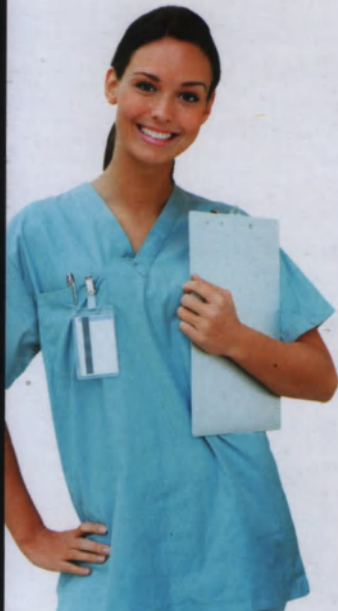
## Ergonomic and easy to use

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 Evo

### Europa B Evo 24

Width	510 mm	510 mm
Height	390 mm	390 mm
Depth	590 mm	730 mm
Weight	54 Kg	58 Kg
Main voltage	230V - 50/60 Hz	230V - 50/60 Hz
Absorbed power	1,5 Kw	2 Kw

### Sterilization chamber dimension

Diameter	245 mm	245 mm
Depth	320 mm	500 mm



# Europa B Evo

## Safe, easy, cutting-edge



### Built-in printer

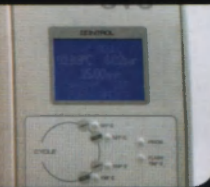
Built-in printer for the registration of cycles carried out. The printer includes:

- date, time
- cycle number
- serial number of the device
- minute by minute cycle data
- outcome of the cycle



### 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.



### Connection to B-test

Periodically checking the efficiency of the autoclave is a duty sanctioned by the regulations in force. Tecno-Gaz has thus fitted the Europa B Evo autoclave with a connection and management system of the biological incubator.



### Accessories

Art.N.SPLA349 Special dual-purpose tray carrier

Art. 276-S Memory card



### The osmosis system mod. Pura.

Plus is an extremely compact osmosis device, created to be directly connected to the autoclave, guaranteeing a continuous supply.



### Available versions

Art. 2033S Autoclave mod. Europa B Evo

Art. 2034S Autoclave mod. Europa B Evo24 with osmosis system

Europa B Evo24 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 Evo24 is fitted with the inverse osmosis system mod. Pura. It also directly connects to and manages the B-test spores biological incubator.

