

# EUROPA B EVO: CLASS B AUTOCLAVE 15 AND 24 l

Tray holder with 4 aluminium trays



Supplied with 1 closed tray holder, 4 aluminium trays, 1 double-use key for tray extraction and door adjustment, water loading and unloading hoses, chamber cleaning sponge and integrated osmosis system (35657 only)

Multilingual manual: GB, FR\*, IT, ES\*, PT\*, DE\*  
\*Downloadable from [www.gimaitaly.com](http://www.gimaitaly.com)



35653

MADE IN ITALY



Constant control and monitoring of the entire autoclave functional system.



Sterilization Cycles  
121°C-134°C suitable for both enveloped and free materials.  
All cycles are for type-B loads.

As regards to safety in health practice, sterilization is the first aspect to consider. Autoclaves offer physical and legal safety. This is why autoclaves must be chosen according to rational logics and based on professional and not only cost-related evaluations.

The EN 13060 standard guides professional to select adequate, certified autoclave based on the type of materials to sterilize. A B-type loads autoclave allows to sterilize hollow materials such as handpieces and turbines and porous materials (overalls, gauze...).

## P.I.D. System (Proportional Integral Derivate)

It represents the top of closed loop controls. P.I.D. and ensures a constant control and monitoring of the whole operating system of the autoclave, acting automatically in case of anomalies or incorrect technical and electronic parameters.

## Internal tanks

All the autoclaves are equipped with an internal tank for pure water and another for used water. Each tank is equipped with probes to detect the minimum and maximum water levels.

## Preset temperatures

The preset temperatures used in our autoclaves cycles are 134°C for sterilization of solid and ferrous materials and 121°C for sterilization of thermoplastic and delicate materials.

## Ease of use

First button allows to scroll and view data about all sterilization cycles on the display and select the cycle, second button automatically starts the whole sterilization cycle. This makes it possible to choose cycles which best suit materials. In case of any error or warning a series of messages and LEDs will inform you about the problem.

## Fully automatic cycles

All cycles are fully automatic, all steps managed by the leading-edge computer board with a powerful microprocessor. Each step (vacuum, preheating, exposure time, drying) is automatically monitored, assisted and handled. There is no need for human intervention in cycle management.

**Cycles without operator intervention and with auto-shutdown**  
In sterilization cycles an automatic function will trigger an anti-condensation process and auto-shutdown if the operator is not by the machine when the cycle ends.

35657



Integrated osmosis system

Autoclave equipped with integrated printer

## Test cycles

Our autoclaves are equipped with test cycles for periodic control by means of physical and functional tests.

Helix test, to assess vacuum capacity in hollow bodies.

Bowie & Dick test to evaluate vacuum capability in hollow bodies.

Vacuum test to evaluate vacuum retaining capability.

## Constantly monitored cycles

A device constantly controls and monitors the sterilization cycles.

Any anomaly or uncommon feature is quickly detected and immediately blocked if it jeopardises the sterilization cycles.

The operator is warned of the anomaly by a message.

## All cycles ensure sterilization of B-type loads

All the sterilization cycles feature the fractional vacuum system as well as the controls of parameters that ensure sterilization of B-type loads. Therefore, even if the type of cycle chosen is incorrect the sterilization carried out on the material will be equally adequate.

## Integrated Osmosis system (35657 only)

Inverse osmosis is a safe water treatment system that eliminates even the tiniest polluting particle, to guarantee bacteriological purity. It works through an osmotic membrane which is able to filter water down the molecular levels.

GIMA code	CLASS B AUTOCLAVES
35653	Europa B Evo Autoclave - 15 l
35657	Europa B Evo Autoclave - 24 l with integrated osmosis system
SPARES for EUROPA B and ANDROMEDA	
35671	Sealing gasket
35672	Bacterial filter for Europa B conical threading 1/8 Compatible also with W&H, Cominox, Mocom, Mediline, Euronda
35673	Vapor Line sterilization integrator
35674	Thermal paper 57mm x 25m (pack of 20 rolls)

Cycles	Working pressure min-max	Minimum time of the total cycle* - minutes	
		Europa B EVO	Europa B EVO 24
121° C Wrapped	1.04 - 1.30	60 min. (25+18+17)	56 min. (25+18+13)
121° C Unwrapped	1.04 - 1.30	49 min. (25+18+6)	55 min. (25+18+12)
134° C Flash	2.02 - 2.38	31 min. (25+4+2)	33 min. (25+4+4)
134° C Wrapped	2.02 - 2.38	47 min. (25+5+17)	43 min. (25+5+13)
134° C Unwrapped	2.02 - 2.38	36 min. (25+5+6)	42 min. (25+5+12)
134° C Prion	2.02 - 2.38	62 min. (25+20+17)	58 min. (25+20+13)

\*The total time includes: vacuum, pre-heating time, cycle and drying phase.

The times are to be intended for a fully loaded autoclave.

All sterilization cycles have 3 stages of vacuum.

Vacuum and pre-heating time can vary depending on the conditions of autoclave from 25 to 35 minutes

## TECHNICAL SPECIFICATIONS

	35653 Europa B - 15 l	35657 Europa B - 24 l
External size mm (WxHxD):	510x390x590	510x390x730
Chamber size mm (Øxdept):	245x318	245x500
Operating voltage	230 V - 50/60 Hz	230 V - 50/60 Hz
Max absorbed power	1,700 W	2,200 W
Weight kg:	54	58
Built in printer:	yes	yes
Manual closing:	yes	yes
Fitting for pura deioniser:	yes	yes
PID system	yes	yes