EUROPA B EVO AUTOCLAVE - 24 litres - 230V



Product Code	35657
Unit of sale	1 pc
Minimum order	1
Type	Medical device
Class	II B

UK-REP	No
CH-REP	No

RDM (NSIS)	1570126
CND	Z12011305
EAN/UPC	8023279356571
GMDN	42162

Description

As regards to safety in health practice, sterilisation 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. With the new EN 13060 standard, the choice of the right autoclave is now easier for professionals: they must choose a certified, adequate model, based on the type of materials to sterilise. 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. 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 and 121°C. 134°C cycles are normally used for sterilization of solid and ferrous materials. 121°C cycles are normally used for sterilization of thermoplastic and delicate materials.

Ease of use
Sterilization cycle is selected by pushing one button and activated by pushing another. First button allows to scroll and view data about all sterilization cycles on the display and select the cycle that suits your materials best, second button automatically starts the whole sterilization cycle. It is impossible to make mistake or choose an inadequate sterilization cycle. 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, with 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 autoshutdown
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.

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.

Costantly 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
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.

Autoclave equipped with integrated printer.
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.

Technical Specifications

• External size: 510 x 390 x 730 mm (W x H x D)
• Chamber size: 245 x 500 mm (Ø x dept)
• Operating voltage 230V - 50/60 Hz
• Max absorbed power: 2,200 W
• Weight: 58 kg
• Built in printer: YES
• Manual closing: YES
• Fitting for pura deioniser: YES
• PID system: YES
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• Cycles: 121°C Wrapped
• Working pressure min-max: 1.04 - 1.30
• Minimum time of the total cycle*: 56 minutes (25+18+13)

• Cycles: 121°C Unwrapped
• Working pressure min-max: 1.04 - 1.30
• Minimum time of the total cycle*: 55 minutes (25+18+12)

• Cycles: 134°C Flash
• Working pressure min-max: 2.02 - 2.38
• Minimum time of the total cycle*: 33 minutes (25+4+4)

• Cycles: 134°C Wrapped
• Working pressure min-max: 2.02 - 2.38
• Minimum time of the total cycle*: 43 minutes (25+5+13)

• Cycles: 134°C Unwrapped
• Working pressure min-max: 2.02 - 2.38
• Minimum time of the total cycle*: 42 minutes (25+5+12)

• Cycles: 134°C Prion
• Working pressure min-max: 2.02 - 2.38
• Minimum time of the total cycle*: 58 minutes (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.