



Steam Sterilizers
Matachana S100 RBE

Ideal solution for potentially infectious waste sterilization

The high versatility and operational simplicity of the S100 RBE turns into the ideal sterilizer to treat healthcare waste or contaminated samples in a wide range of sterilizing centres, hospitals, microbiological laboratories, universities and research centres.

The MATACHANA Series S100 RBE is a medium/low production capacity sterilizer with 75/80 liters chamber volume, one or two doors, with or without steam generator.



Features

- Chamber made of high-quality stainless steel 1.4404 (AISI-316L).
- Vertical sliding door with safety Interlock.
- Control by industrial micro-computer, LCD graphic screen with easy-to-use soft keys. Alphanumeric printer for cycle data recording.
- Stainless steel connection of steam pipes, 1.4404 (AISI-316L) quality.
- Vacuum by means of ejector (Venturi system), low maintenance and noiseless.
- Independent water inlets for vacuum system and steam generator, with cooling coil for recovering heat from condensates.
- Mechanized door gasket groove (longer gasket lifespan and easy maintenance).
- Air treatment system. It is extracted from the chamber through an absolute HEPA filter, with condensate treatment inside the chamber, to ensure a correct contamination-free sterilization.

Programs

- 2 test programs (Vacuum Test & Bowie & Dick Test)
- 1 program specially designed for the treatment of medical waste at 134 °C: in accordance with configuration and load type.



Aware of the problems which hospitals and research centers are currently facing, MATACHANA has developed a system which integrates itself within the special biocontaminated waste circuit.

- Classification and collection of the waste in suitable receptacles at the places where it is generated.
- Transportation flow within the hospital and its treatment in the sterilizer have all been thoroughly studied to elaborate a system that is simple and easy to install.
- The sterilization process converts the special waste into urban grade waste.
- The post sterilization process reduces the volume of waste treated.

All the power of technology in sterilization

- Working with the sterilizer is very easy. The user operates from the LCD screen. Starting from the Main Menu, the screen guides the user, through the Submenus, toward the operations required.
- The follow-up of the cycle can be carried out directly from the screen, given that it allows a graphic visualization of the process in "real time".
- The control unit can integrate the Teleservice option ("on line" remote maintenance) and is provided with access doors to connect it to the PC and the bar code reader (optional).

Models	101VR-1	101VR-2	101ER-1	101ER-2
Technical specification	1 door	2 doors	1 door	2 doors
Total dimensions (mm)				
Height (filter excluded)	1560	1560	1560	1560
Width	680	680	680	680
Depth	925	940	925	940
Useful chamber dimensions (mm)				
Height	340	340	340	340
Width	340	340	340	340
Depth	645	675	645	675
Power (kW)				
WITH generator (ER)	-	-	11	11
WITHOUT generator (VR)	2	2	2	2
Useful chamber volume (liters)	75	80	75	80
Load capacity /cycle (kg) (*)	7,5 - 12,5	7,5 - 12,5	7,5 - 12,5	7,5 - 12,5

(*) Capacity calculated as per waste density 15-25%

Environmental Management

Our constant eagerness for the technological innovation aimed at the sustainability and improvements of our products has taken us to control minutely the life cycle of our devices as well as their environmental impact. Such a control has allowed us to improve the manufacturing process of our devices obtaining considerable energetic saving improvements with regards to previous series.



MATACHANA GROUP

Innovation is the way forward

Since our foundation 50 years ago, our mission has been to provide the best service, bringing our knowledge and field experience to our customers to facilitate their daily work, allowing them to be efficient in the production whereas keeping rigorously the quality.

Our history has taken us from the beginnings in 1962 to the transformation in 2000 in MATACHANA GROUP, with its subsidiaries in Germany, France, USA, Argentina, Malaysia and China, as well as the collaboration of direct distributors in over 110 countries.

In MATACHANA GROUP we are aware that Training and Service contribute decisively to achieve customer satisfaction. For this reason, we have always invested in the development of these two areas of activity, which enables a direct contact with customers and help us to develop together a continuous improvement process.

Technical Engineering Support

An assistance provided by engineers, highly skilled expert technicians and support staff, all committed to ensure the proper equipment operation and condition.

Training Academy



Committed to the responsibility to obtain the optimum operation from our equipment, in MATACHANA GROUP we invest in the training of future users.

In addition, we offer training courses regularly in the 5 continents, providing this service to all our customers.

Environmentally friendly

The sterilizers are designed and manufactured using the latest technologies on the market to achieve the best results in terms of energy savings and reduction in water consumption.

Our Production Center complies with the ISO 14001 Environmental Management System and ISO 50001 Energy Management.

Quality

The MATACHANA devices are developed, manufactured and tested within a strict quality control according to the International Standard ISO 9001.