Steam sterilizers
Matachana S2000

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S2000 steam sterilizers

With safety in mind at all times

MATACHANA S2000 sterilizers are designed, manufactured and tested according to strict quality control in accordance with the International Standards EN ISO 9001 and EN ISO 13485. They also comply with the requirements established in European Standard EN 285.
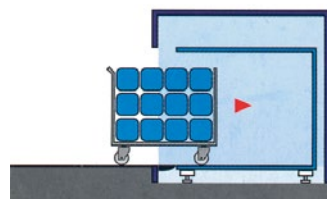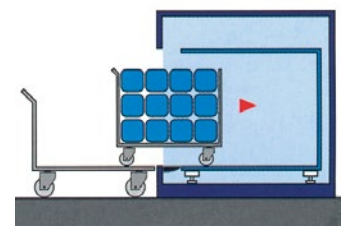

Main features

- Designed and built according to the European Standard EN 285.
- Chamber and jacket made of high quality stainless steel.
- Controlled by industrial microcomputer and high resolution user friendly colour touch screen.
- Stainless steel valves and steam pipes.
- Independent temperature and pressure sensors connected to the PLCs available in the device, ensuring the management and supervision of the readings.
- Integrated ejector-venturi vacuum system, silent and efficient with water-saving technique.
- Electric automatic doors with safety mechanism.
- Thermal printer for printing the completed cycle register.
- Possibility to print the report and graph of the cycle in A4 format using an external printer.
- Variants: for pit - ground level loading, and with plinth - elevated load on the plinth-.
- Ethernet communication port.
- EasyRUN browser menu.
- Provided with inputs for validation probes.

Main options

- Air detector (manual and automatic version).
- Connectivity with monitoring and traceability softwares.
- USB port for downloading cycle history.
- Supplies alarm.
- Manual or automatic steam by-pass.
- Connection to automatic loading and unloading system.
- EasyCHECK: integrated electronic device that allows the B&D Test to be carried out without test pack, verifying the correct elimination of air and adequate steam penetration into the chamber.
- Recording and graphic visualization by means of video-recorder.
- Weekly programming of the cycle start.
- Automatic auto power off at the end of the cycle.
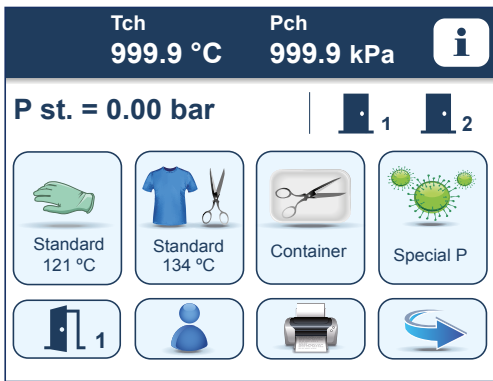- Connection to external cooling systems, allowing large water savings.

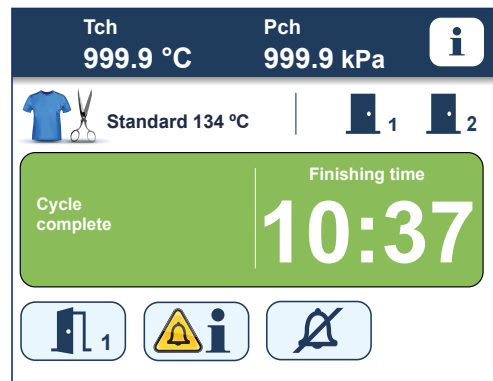**Pit** sterilizer loading solution

Floor sterilizer loading solution

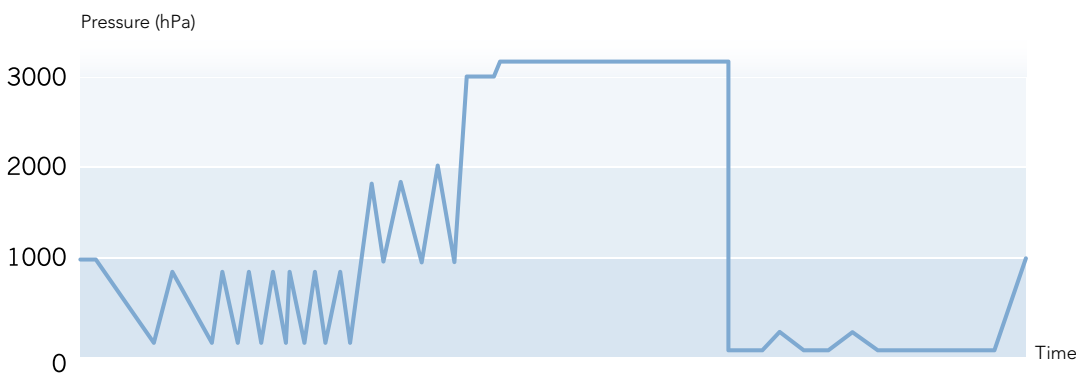| Model	S2006V-1	S2006V-2	S2009V-1	S2009V2	S2012V-1	S2012V-2	S2018V-1	S2018V-2
Technical specifications	1 door	2 doors	1 door	2 doors	1 door	2 doors	1 door	2 doors
Total dimensions (mm) Height Width Depth	1860 1800 1250	1860 1800 1250	1860 1800 1570	1860 1800 1570	1860 1800 1900	1860 1800 1900	1860 1800 2570	1860 1800 2570
Chamber dimensions (mm) Height Width Depth	1200 700 750	1200 700 750	1200 700 1070	1200 700 1070	1200 700 1400	1200 700 1400	1200 700 2070	1200 700 2070
Power (kW)	5	5	5	5	5	5	7	7
Capacity in Ster. Module (S.M)	6	6	9	9	12	12	18	18
Chamber volume (liters)	625	625	892	892	1166	1166	1725	1725
Net weight (kg)	1525	2000	1700	2150	1850	2325	2300	2800

Program selection menu

Cycle complete screen

Chart (Pressure profile) of a production cycle:

S2000 standard programs

Production programs	Application
Standard 134 °C	For packed materials (solid instruments or with cavities)
Standard 121 °C	For packed thermosensitive materials
Containers 134 °C	For packed materials (solid instruments or with cavities) or heavy loads in baskets or containers
Rapid 134 °C	For solid materials simple packing (one layer)
Special P 134 °C	For materials likely to be contaminated with prions (*)
Test programs	**Application**
Vacuum Test	Check the chamber tightness
B&D Test	Ensure the correct air removal and the steam penetration on the load
Preheating	Preheat the chamber (at beginning of work day)

(*) It should not be assumed that prions can be inactivated by treating them with this program alone. As recommended by WHO, a proper pre-treatment will be required with this program, prior to sterilization.

Additionally, other optional programs are available (Open Liquids, Silicone Implants, steam Disinfection) and extra ones according to customer request.

Innovation is the way forward

MATACHANA, a family-owned company founded in 1962, is a world leader in the manufacturre of steam sterilization equipment, diverse low temperature sterilization technologies, as well as washing and thermodisinfection equipment, providing comprehensive solutions for the Healthcare, Life Science and Pharma sectors.

Since the company's foundation more than 60 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.

MATACHANA has a worldwide presence, with offices based in Spain, France, Germany, Italy, Portugal, Argentina and Indonesia, or through its distributors in over 120 countries.

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.

MIEC, training center

As we feel seriously committed and liable for achieving the optimum operation from the MATACHANA equipment, we invest in the training of the future users, proposing a service of educational courses to all our customers on a regular basis and in the 5 continents.

Environmentally friendly

The company counts on 4 production sites in Europe. The devices 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 located in Castelldefels (Barcelona) complies with the ISO 14001.

Quality

The MATACHANA devices are developed, manufactured and tested within a strict quality control according to the international Standards ISO 9001 and EN ISO 13485 for the quality management of medical devices.

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Offices in Spain, France, Germany, Italy, Portugal, Argentina and Indonesia
Operating in more than 120 countries