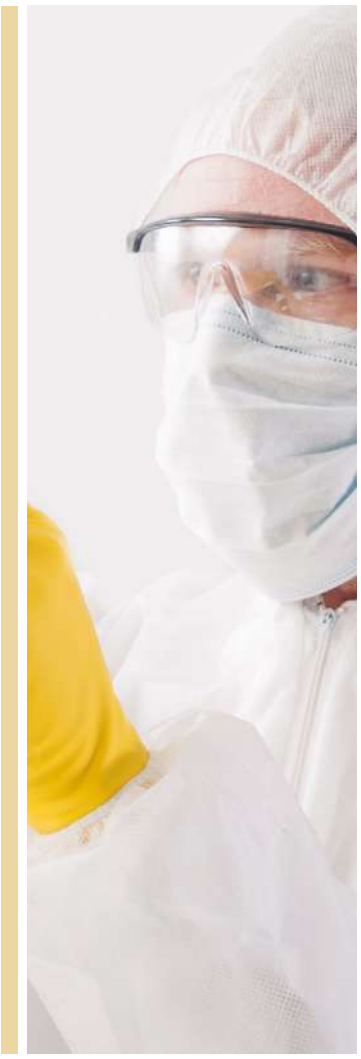


Steam Sterilizers

Matachana S1000 I

matachana

The sterilizers are designed and manufactured using the latest technologies available in the market to achieve the best results in terms of energy savings and reducing water consumption. An example is the steam generator (in the devices fitted with it), which has an integrated "smart" economizer system. It is fully controlled by the sterilizer's CPU, so that the right amount of steam for the program is produced, adapting to the needs of pressure and temperature of the program selected and run. It is specifically designed to let in the appropriate water volume in the generator and at the right time of the cycle to minimize the consumption of treated water and power of the generator.

Stainless steel front panel
EN 1.4301 (AISI-304) (optional)

Features

- Chamber and jacket made of high quality stainless steel 1.4404 (AISI-316L).
- Pneumatic sliding vertical door (or doors), built in stainless steel 1.4404 (AISI-316L). With high resistance silicone seal locking system.
- Front panel, hinged door type to improve access for service and with rounded edges for easy cleaning.
- Chamber and steam manometers on the loading area frontal.
- Chamber manometer on the unloading area frontal (2 door option).
- Highly performant vacuum by means of water ejector (Venturi system).
- It is a faster, silent and water-saving system, compared to other devices in the market.
- Circuits in contact with steam made of stainless steel.
- Highly visible backlit panel, integrated into the frontal of the sterilizer
- Allows the user to know the status of device quickly and easily.
- Control by industrial double microprocessor with 2 independent systems for monitoring and recording 5.7" TFT colour touch screen.
- Digital alphanumeric thermal printer for cycle recording.
- Programs: Vacuum Test, Bowie & Dick, Solids between 114 and 135 °C with modifiable parameters.

Regulations

The sterilizers from S1000 I, comply with the directives on pressure vessel 97/23/EC, European Machine Directive 2006/42/EC, electromagnetic compatibility (EMC) 2014/30/EU, low voltage 2014/35/EU, 2011/65 EU RoHS Restriction of Hazardous Substances. It is built according to quality standard ISO 9001 awarded by the Notified Body Lloyd's Register LRQA Ltd. which guarantees that the company Antonio Matachana, S.A. performs quality management in design, production, delivery and after-sales service of its products.

Models	**1006V-1I 1006E-1I**	**1006V-2I 1006E-2I**	**1008V-1I 1008E-1I**	**1008V-2I 1008E-2I**	**1010V-1I 1010E-1I**	**1010V-2I 1010E-2**	**1012V-1I 1012E-1I**	**1012V-2I 1012E-2I**
Technical specification	1 door	2 doors	1 door	2 doors	1 door	2 doors	1 door	2 doors
Total dimensions (mm)								
Height	1954	1954	1954	1954	1954	1954	1954	1954
Width	996	996	996	996	996	996	996	996
Depth	1314	1336	1614	1636	2054	2076	2316	2338
Chamber dimensions (mm) (*)								
Height	670	670	670	670	670	670	670	670
Width	670	670	670	670	670	670	670	670
Depth	998	996	1265	1296	1735	1733	2000	1988
Chamber volume (liters)	445	445	565	578	774	773	893	892
Power (kW)*								
With generator (models E)	51	51	63	63	63	63	63	63
Without generator (models V)	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5

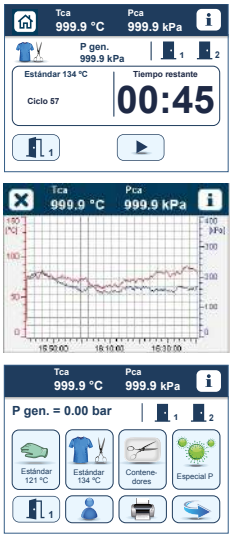
Options

- Programs:
  - Liquids into non-hermetically sealed receptacles with adjustable temperature between 105 and 135 °C, with product probe inside the chamber.
  - Low temperature, with adjustable values between 70 and 105 °C.
  - Gravity.
  - Filters sterilization.

  Remark: according to customer needs, specially designed or tailored made programs can be studied.
- Air treatment system through a 0.2 µ self sterilizable filter condensate line and condensates treatment inside the chamber, for potentially biocontaminated areas and materials (ex. BSL-2, BSL-3 zones, etc.).
- Air tightness zones through a drawer type enclosure built entirely in stainless steel and independent pressurization of doors' seals.
- Video-recorder.
- Connecting to external cooling system with substantial water savings and reduced cycle time.
- Cooling system by jacket water flood and counterpressure of sterile air in the chamber.
- Touch screen in unloading area.
- Special chamber polish.
- IQ-OQ documentation.
- 21 CFR part 11.
- EN 285 (applicable requirements).
- Other options: under request.

All the power of technology in sterilization

- Working with the sterilizer is very easy. The user operates from the touch 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).



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, 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 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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