

MATACHANA total solutions
for sterile processing departments

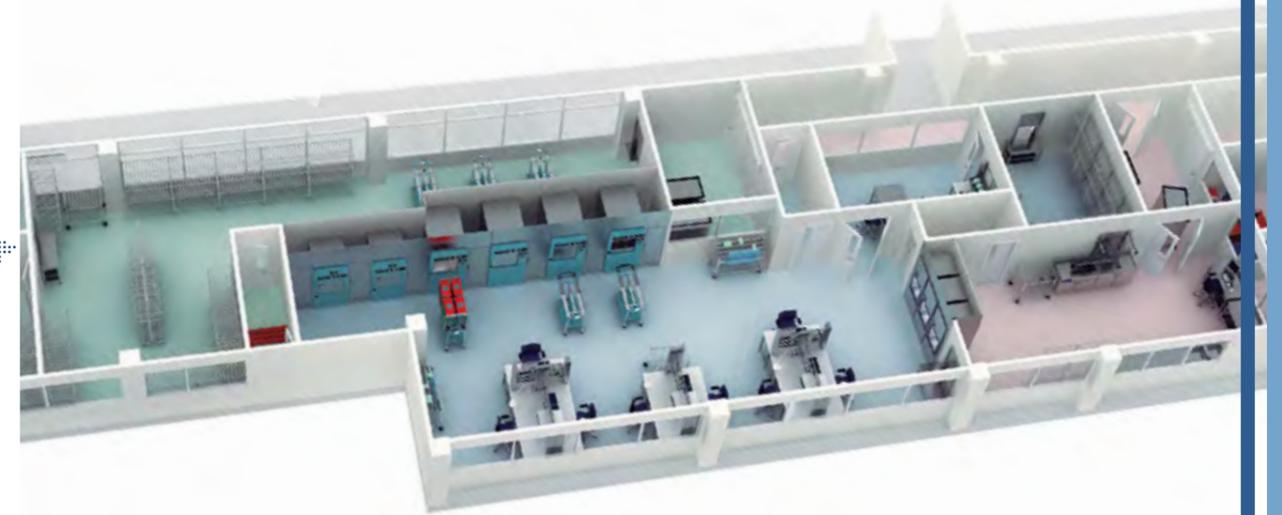
Matachana Group provides services worldwide. Our offices are in Spain, France, Germany, Argentina and Malaysia



Our presence in the World

The existing hospitals tend to set up a centralized department for disinfection and sterilization, known as Central Sterilization Supply Department (CSSD).

The correct processing sequence of medical devices consists of ordered and consecutive steps in washing and disinfection (also called "decontamination"), packaging and sterilization. The material can only be qualified as sterile when it has been subjected to a sterilization process and its sterility and aseptic presentation can be maintained until the moment of use on a patient.



With regard to healthcare professionals, **Matachana Group** in its constant work in the area of Infection Control, and as global providers for Central Sterile Departments, does not forget the objective: to prevent and control the spread of infection, not only through our large range of specific products, and an adequate layout-planning, but also through the use of education and communication interventions that go beyond languages, countries and cultures.

Aspects such as productivity, consumption, architectural design, ergonomics, automation, circuits for staff, patients and material, environmental details, protection for healthcare workers and, logically economical aspects, are always considered in order to offer the best solution to hospitals and, therefore, to patients.



Our goal, a company open to the world

For the past 50 years, **Matachana Group** has been working to guarantee a better quality of life for people in the healthcare field, including patients and professionals from all over the world. **Matachana Group** has also made a significant effort to gather together an amazing group of multicultural people who enjoy their work to achieve this mission.

Our strong commitment and persistent pursuit of this goal has positioned us as one of the top leaders in the infection control market, providing total solutions that incorporate the most advanced technology, along with quality services and support to ensure a great experience for each of our customers. This valuable expertise we bring you, is therefore our most treasured asset.

Integral service to offer installations in accordance with your activity

Matachana Group has a large team dedicated to research, development, manufacture, marketing, training and after-sales service. Only then, it is possible to offer every customer, the most appropriate integral solutions to their professional activity.

Throughout the process, we use all our creativity, experience and professionalism, from project design to the installation and commissioning.

Competence Center

Matachana Group Competence Center, located in Barcelona (Spain), handles all technical aspects originated from the customer's requirements, taking into account its needs with regards to capacity, productivity, efficiency and safety, ensuring compliance with local regulations.

Equipped with the latest technologies in planning and designing, our projects' technical office studies and puts forward technical solutions for each customer which will subsequently be presented by means of cutting edge 3D technologies.

This results in an installation designed according to specific needs, supported by a comprehensive technical documentation, to ensure its proper implementation and installation at its final destination.

Easy Plan:

An effective and exclusive software tool for C.S.S.D planning

Precise and intuitive:

Developed by the **Matachana Group** team in R&D center located in Germany, the Easy Plan is a cutting edge software program which enables to plan and design your sterilization central, identify the production requirements of sterile material and show all potential alternatives concerning project execution.

Time-saving and easy to use:

Easy Plan presents an advanced technology that helps to operate quicker than with all other known conventional systems for CSSD planning. The program is structured in an orderly and intuitive way, ensuring an easy and practical use following a basic training.



Practical and efficient:

Easy Plan projects the best solution in terms of equipment, for every specific requirements within the sterilization area. Available only through the **Matachana Group** network.

Our customers become our source of inspiration in the constant search for specific solutions that suits their needs.

Infection Control
Total solutions for sterile processing departments

Briefing project

Design

Installation

Training

Technical support

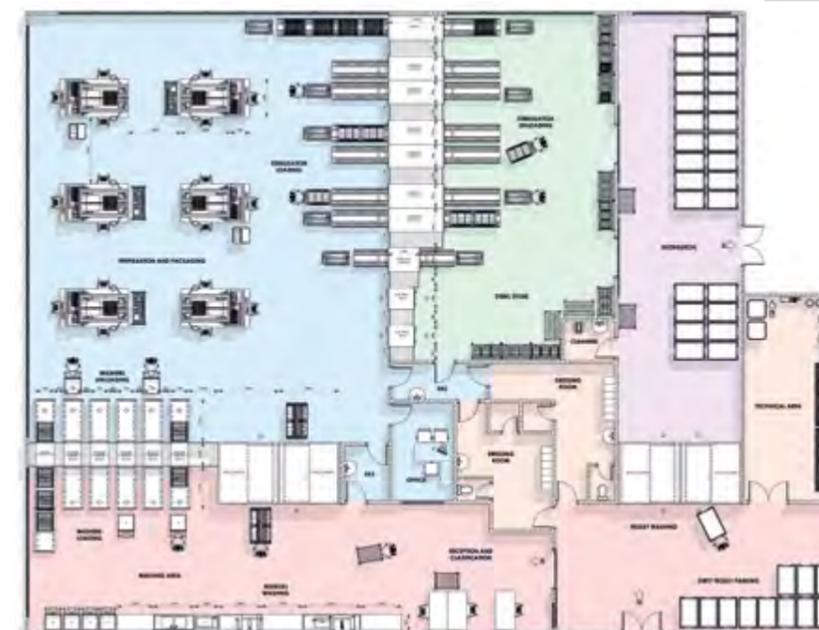
First of all, our sales advisors collect all the information about your business requirements. No matter the size of your facility or area of activity, from this initial phase we consider all variables of your professional activity for the project definition.

The planners from our Competence Center specialized by sector of activity, are liable for planning and designing complete installations taking into account the productivity needs and building requirements from the customer.

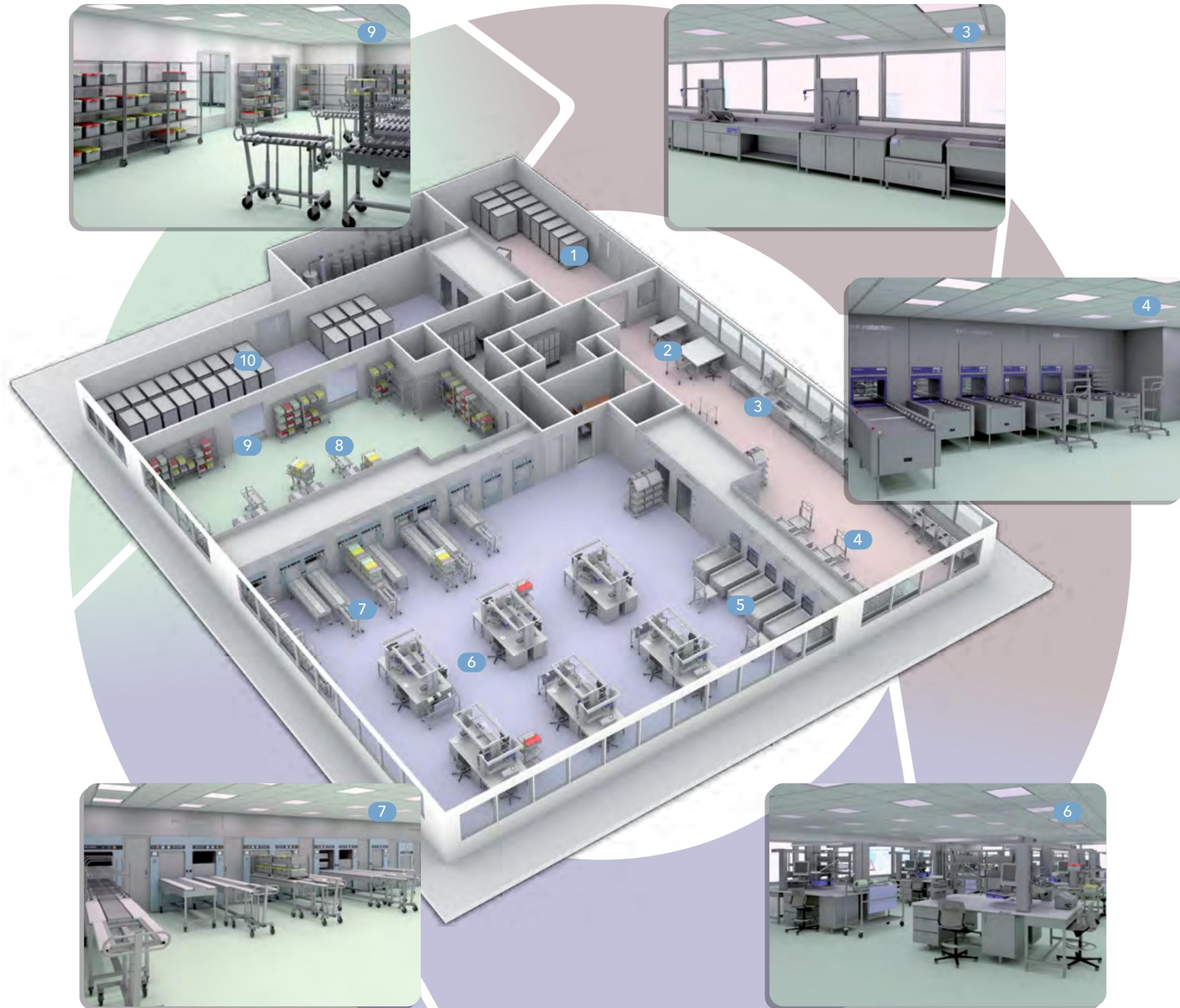
Our **Technical Assistance Service** performs the equipment installation and commissioning, ensuring the installation & operation qualifications, performance of devices.

For optimal performance of the installation, our technical team also offers customized training and consulting. We offer the support from our Clinical Specialists, from the standpoint of the users.

Finally, through our maintenance programs our **Technical Assistance Service** is fully responsible for the proper operation of the installation. Its team is highly qualified to give a rapid and effective response to any incident, directly or through the network of distributors and dealers.



MATACHANA total solutions for sterile processing departments



- 1 RECEPTION AND TROLLEY WASHING AREA
- 2 SORTING
- 3 MANUAL WASHING
- 4 LOADING FOR AUTOMATIC WASHING
- 5 WASHING UNLOADING
- 6 PREPARATION AND PACKAGING AREA
- 7 LOADING AREA FOR STERILIZERS
- 8 UNLOADING AREA FOR STERILE MATERIAL
- 9 STERILE STOREROOM
- 10 STERILE MATERIAL DISTRIBUTION

Ergonomics and safety in the pre-cleaning process

MATACHANA offers a full range of washing stations, which ensure the users' safety and the quality of processes.

These stations are known for their ergonomic design, as all elements are easily accessible, ensuring a comfortable and safe work. Its sliding anti-splash screen protects and facilitates the staff work.

The designs are fully configurable, customized to the requirements of each customer and adaptable to each installation, based upon the needs and available space.



Intensive pre-cleaning of complex surgical instruments (MIS) using ultrasonic irrigation bath



By a principle of ultrasound reverse suction, the dirt is removed from the inside of the cannulated instruments, cleaning the lumens and the distal ends efficiently in a relatively short time, and ensuring the reliability of subsequent decontamination processes.

Preparation and sealing stations, broad range of options for all types of design

MATACHANA proposes extensive options of working stations for material. Its ergonomic design provides comfortable and safe work with the option of electric lift system for the height of the work surface. The accessories are fully configurable and customized according to customer requirements.



Washing & disinfection equipment MAT LD

MATACHANA has developed the MAT LD series of automatic washing and disinfection machines to integrate in CSSDs, through the design of integrated solutions projected by its Competence Center, as well as into peripheral washing, disinfection and sterilization wards.

MATACHANA supplies a range of automatic reprocessing devices of flexible endoscopy, according to EN ISO 15883-4, providing high disinfection with peracetic acid. It also has large volume washers for the cleaning of carts, containers and big size recipients.



MATACHANA Professional Heat Sealers

Professional range of MATACHANA Heat Sealers. Quality Guarantee on Heat Sealing processes, as per EN ISO 11607-2.

Storage

MATACHANA designs and manufactures furniture for the storage area of sterile material, from accessories for surgical instruments, automatic storage systems as well as transport and distribution systems.



MAT LD washers: dimensions and capacity

Model	Machine dimensions (HxWxD mm)	Chamber dimensions (HxWxD mm)	Chamber capacity	Chamber volume (liters)
MAT LD60	850x600x605	545x520x515	8 DIN 1/1 baskets	146
MAT LD90	850x900x650	545x520x515	8 DIN 1/1 baskets	146
MAT LD2314 - 1 door	1740x600x729	530x510x630	8 DIN 1/1 baskets	180
MAT LD2314 - 2 doors	1740x600x814	530x510x620	8 DIN 1/1 baskets	180
MAT LD521 - 1 door	1820x746x740	670x640x640	12 DIN 1/1 baskets	275
MAT LD521 - 2 doors	1820x746x740	670x640x640	12 DIN 1/1 baskets	275
MAT LD521 XLS	2185x746x1004	670x640x770	18 DIN 1/1 baskets	330

MATACHANA Sterilizers, the evolution of a success

MATACHANA Sterilizers have been designed taking into account the real needs of today's hospital sterilization, as much in sterilization centrals as in surgical units, outpatient centres, outsourced sterilization services, etc.

The MATACHANA Sterilizers - designed by our R & D centres in Spain and Germany - are manufactured in the production site in Barcelona (Spain), a new plant equipped with the latest technological breakthroughs in terms of sustainability, energy efficiency and process control.

Steam sterilizers



SC500

S1000

MATACHANA model 130 LF has been developed for the sterilization of heat-sensitive products that cannot withstand the temperatures required for steam sterilization (121 °C or 134 °C), but can be treated at temperatures of 60 °C or 78 °C and are resistant to vacuum and humidity.

MATACHANA model 130 LF fulfils all requirements stated in EN 14180 European Standard for LTSF - sterilizers.

Low temperature sterilizers



130 LF

Monitoring and registration systems

A large number of washing, disinfecting and sterilization processes are carried out daily within the health care centers. The users must ensure that all equipment and its working cycles are correct and reproducible. Amongst the various tools available at operator's disposal, one of the most useful are the chemical and biological indicators. They provide an interpretation of the physical/chemical strength of the reprocessing systems, including the microbicide effectiveness of the selected sterilization systems.

MATACHANA offers a wide range of items for monitoring processes, either cleaning efficiency tests and/or chemical / biological indicators for STEAM, LTSF, ETO or H2O2 sterilization processes.

The completion of these tests, depending on the internal hospital protocol and/or application of different national regulations, together with an accurate and detailed log of processes, is essential for keeping a global quality system.

EasyLOOK:

Connectivity with monitoring and tracking software:

It is a supervision software tool for all processes in the CSSD. It Displays equipment information (identification, alarms, cycle number, parameters, etc.), user information and dates.



The EasyLOOK software is designed to ensure a total management of the sterilization process that allows to obtain the process documentation of the washer-thermodisinfectors and sterilizers in the CSSD. EasyLOOK is an application compatible with the tasks within a network and can simultaneously show the conditions of several units in different workstations.

Traceability:

MATACHANA provides solutions for the management and traceability of the instruments during the sterilization process and its use in the surgical area.

The management system includes controlling the processes of washing, packaging, sterilization, storage, logistics and identification of sterile material, along with the medical record of the patient in the operating room.



Self-contained biological indicators, in accordance with EN ISO 11138.



Internal chemical indicators, multiparametric, for LTSF sterilization processes.

Sterilizers: dimensions and capacity

Model	Overall dimensions (HxWxD mm)		Useful chamber dimensions (HxWxD mm)		Total chamber capacity (liters)	
	1 door	2 doors	1 door	2 doors	1 door	2 doors
STEAM						
SC500	1824 x 900 x 995	1824 x 900 x 1009	500 x 500 x 675	500 x 500 x 675	167	167
SC501	1824 x 900 x 1342	1824 x 900 x 1355	500 x 500 x 1020	500 x 500 x 1020	252	252
SC502	1824 x 900 x 1622	1824 x 900 x 1635	500 x 500 x 1300	500 x 500 x 1300	321	321
S1004	1954 x 1710* x 958	1954 x 1710* x 977	670 x 670 x 625	670 x 670 x 638	279	285
S1006	1954 x 996 x 1314	1954 x 996 x 1336	670 x 670 x 998	670 x 670 x 996	445	445
S1008	1954 x 996 x 1614	1954 x 996 x 1636	670 x 670 x 1296	670 x 670 x 1265	565	578
S1010	1954 x 996 x 2054	1954 x 996 x 2076	670 x 670 x 1735	670 x 670 x 1733	774	773
S1012	1954 x 996 x 2316	1954 x 996 x 2338	670 x 670 x 2000	670 x 670 x 1998	893	892
LOW TEMPERATURE						
130LF	1875 x 700 x 1100	1875 x 700 x 1100	320 x 320 x 900	320 x 320 x 900	145	145



Matachana Group

Innovation and Technology meeting health demand

The **Matachana Group** designs, manufactures, markets, represents international brands and provides technical assistance services to offer total solutions for sterile processing departments.

MATACHANA GROUP - HEADQUARTERS

Almogàvers, 174
E-08018 Barcelona - SPAIN
Tel: (+34) 933 008 504
Fax: (+34) 934 854 354
info@matachana.com

Spain · Germany · France · Argentina · Malaysia



www.matachana.com

CA_IC_00_01_en 0614

All specifications herein are provided for information purposes only and may be modified without notice.