

●●● **matachana**
Infection Control



Washing & Thermodisinfection cabin
Matachana MAT LD2000



R THE EVOLUTION

Maximum efficiency, shortest time

The new generation of MATACHANA washers thermodisinfectors responds to the need to guarantee maximum efficient processes with reduced time to increase the productivity of the facilities.

We have set ourselves the challenge of **Revolutionizing** the market and we are sure we have succeeded.

With the ecology as banner we have achieved the highest perfection in the process operation. By optimizing and redesigning circuits, flows, energy and water consumption have also been reduced. Cycle time has also been minimized.

The reduction of the amount of water required has a direct effect on a lower consumption of chemicals, and on the reduction of waste released to the environment.

The sum of the above factors allows us to obtain a much lower cost per cycle while safeguarding the environment.





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Quality assurance

Our extensive implementation in the international market as well as the user's proactive approach with our vast commercial network, allows us to know first-hand trends and needs for improvement. Consequently, after more than 55 years of history, we remain at the forefront of technology.

MATACHANA new generation of washers thermodisinfectors are astonishing, not only due to their high processing capacity and small dimensions, but also because of their efficient energy and water consumption. They have managed to reconcile two usually opposing factors:

- Preservation of natural resources.
- Cost saving.



MAT LD2000: You will be surprised!



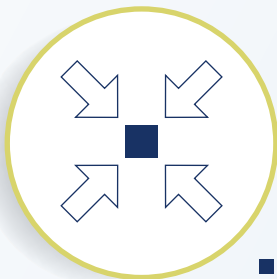
EASY USE

- EasyRUN user interface and 10" touch screen.
- User's easy and quick learning.



ACCURACY

- Dosage monitoring by means of flowmeters.



COMPACT SIZE

- Compact version of only 1900 x 1500 mm.



WORK ERGONOMICS

- Specific load complementary elements with low friction wheels, adjustable supports and ergonomic, user-friendly handling.



FULLY FRONT-END MAINTENANCE

- NULLGAP installation: No side access is required for maintenance, even in a compact version.



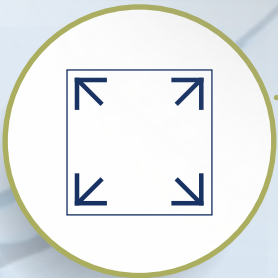
LOW WATER CONSUMPTION

- From 60 to 100 liters of water per phase ~ reduced chemical consumption.



LOW NOISE LEVEL

- < 70 dBA



HIGH LOAD CAPACITY

- Up to 32 x 1/1 ISO containers with lids and up to 36 x 1/1 DIN baskets.



OUTSTANDING PRODUCTIVITY

- Reduced cycle times due to high filling and heating speed.

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All this,
and a whole lot more!

MAT LD2000

Specifications

- Automatic washing pressure control
- Double LED lighting inside the chamber
- 10" touch screen on both sides, fully integrated in the front panel
- Chamber and washing circuits made of AISI 316L stainless steel quality
- Easily removable wash arms for cleaning
- Automatic sliding doors
- Double glass doors with High Shock Thermic treatment
- Two chemical dosing pumps with integrated level sensors and independent flowmeters
- Holder for Safety Leaking chemicals with collection tray for possible leaks or spills
- Two water intakes: decalcified and demineralized
- Drying system
- Air HEPA filter H14
- Direct monitoring via web browser
- Remote service connectivity
- Self-cleaning filter in the washing circuit
- Monitoring and control of washing pressure
- 2 Cylindrical tanks for water preheating





MATACHANA EasyRUN

User friendly interface and own identity sign.

The new generation of MAT LD washers shares the user interface with our steam and low temperature sterilizers. The unified control simplifies user interaction with all our devices.

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Connectivity

It has already become actuality thanks to its numerous benefits, not only for the clinical staff but also for the integral management of the center itself.

Maximum compatibility with monitoring, traceability and management software installed in hospitals.

The new MAT LD2000 has its own connectivity that allows you to communicate directly to the machine through any web browser. This access allows the visualization of real-time process information, cycle logging, alarms, configuration, etc., as well as maintenance and tele-assistance functions.



MATACHANA EasyVIEW®

Our MATACHANA EasyVIEW® monitoring software enables complete control, registration and documentation of the washing and sterilization processes.



MAT LD2000 Options

- Thermal printer
- 3rd and 4th chemical dosing pumps with integrated level sensors and independent flowmeters
- Audible signal for alarms and end of cycle
- Conductivity sensor to ensure excellent rinsing
- Differential pressure monitoring on HEPA drying filter
- TDS coupling system for IWR trolleys with internal water circulation
- Third preheating tank Direct water connection to chamber
- Drain cooling system
- Flowmeters for water intakes, allows to adjust the consumption to the minimum required for each process
- XML Server connection for external traceability systems
- Additional water intake
- Water recovery system on second and/or third tank
- Vapor Condenser
- Stainless steel door
- Load identification through RFID wireless technology



MAT LD2000

Complementary elements

Maximum load flexibility

Our versatile loading systems optimize the loading of different materials that normally need to be washed in different trolleys. The amount of loading complements required is reduced, which becomes a maximum benefit for each cycle.



Flexible IWR trolley for instruments and containers



Flexible trolley for containers



IWR trolley for instruments

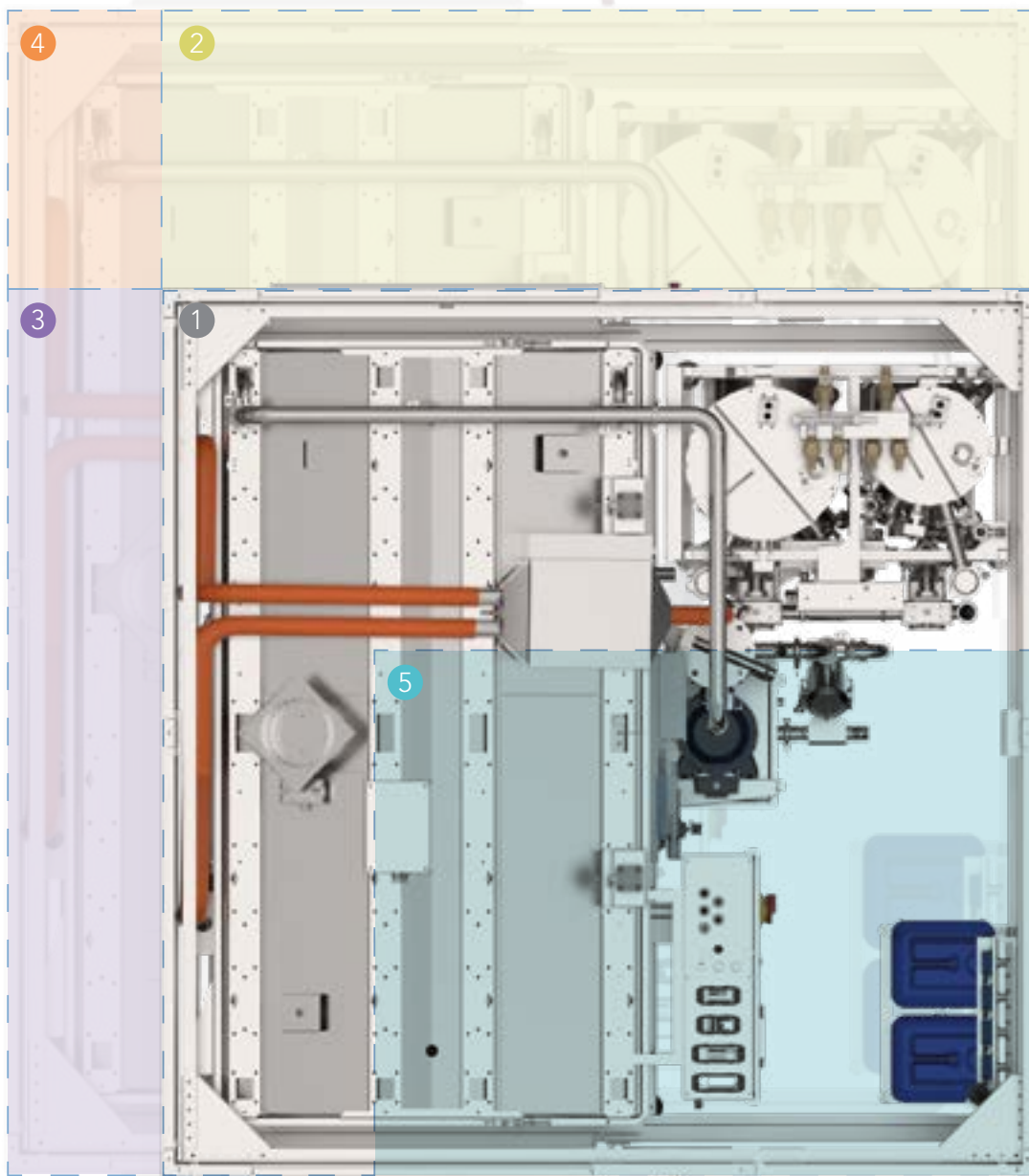


Trolley for clogs



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Different versions to cover all needs



Technical specifications	¹ MAT LD2000	² MAT LD2000L	³ MAT LD2000 SW	⁴ MAT LD2000 SWL	⁵ MAT LD2000 COMPACT
Chamber dimensions (mm):					
Width	970	970	1200	1200	970
Height	1875	1875	1875	1875	1870
Depth	2200	3000	2200	3000	1300
Overall dimensions (mm):					
Width	2500	2500	2960	2960	1900
Height	2450	2450	2450	2450	2450
Depth	2540	3340	2540	3340	1500

MAT LD2000 COMPACT

Highest versatility in the most space-saving

- Reduced footprint, only an area of less than 3m² is required
- Fully front maintenance access with no need for additional space for side access
- High load capacity
- Reduced water/chemical/energy consumption



NEW WASHING CONCEPT FOR INSTRUMENTS!
 UP TO 36 DIN 1/1 BASKETS
 PER CYCLE

Therefore, the MAT LD2000 COMPACT is the ideal solution for fitting medium and even small RUMED. It gives these systems the ability to reprocess bulky materials or large batches:

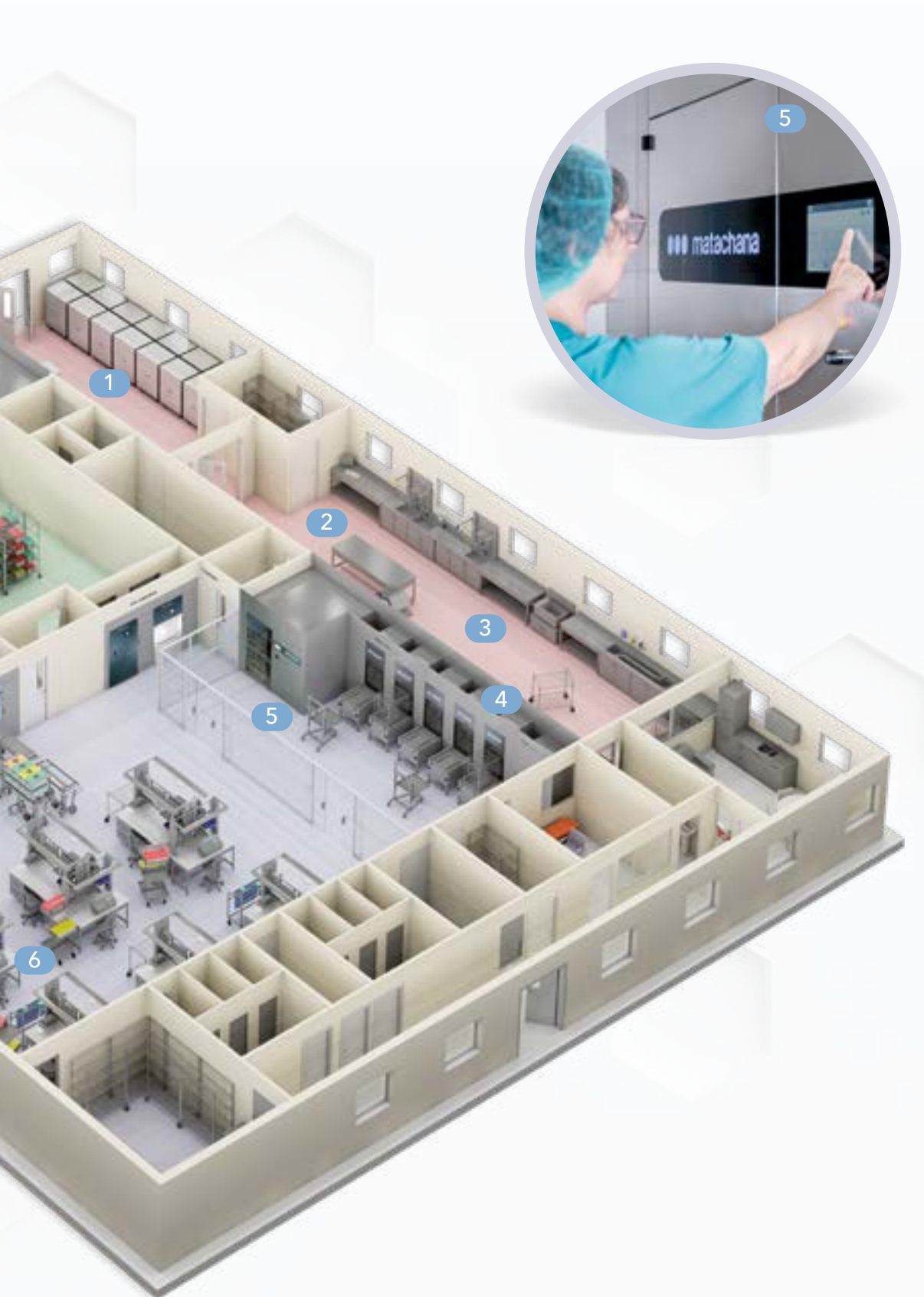
- Transport trolleys for surgical material.
- Up to 12 containers with lids.
- Up to 48 pairs of clogs.
- New washing concept for instruments able to reprocess up to 36 DIN 1/1 baskets, same productivity per cycle as 2 washers MAT LD1000.

MATACHANA

integral solutions
for sterile
processing
departments



- 1 RECEPTION AND TROLLEY WASHING
- 2 ENTRY FOR DIRTY MATERIAL
- 3 MANUAL WASHING ZONE
- 4 WASHERS LOADING ZONE
- 5 WASHERS UNLOADING ZONE
- 6 PREPARATION AND PACKAGING ZONE
- 7 STERILIZERS LOADING ZONE
- 8 STERILE MATERIAL UNLOADING ZONE
- 9 STERILE STOREROOM
- 10 STERILE MATERIAL DISTRIBUTION



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Project briefing



Design



Installation



Training



Technical support



Innovation is the way forward

Since the company's foundation more than 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.

MATACHANA has a worldwide presence, with offices based in Spain, France, Germany, Italy, United States, Argentina and Malaysia, or through its distributors in over 110 countries.

In MATACHANA 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 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 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 Standards ISO 9001 and EN ISO 13485 for the quality management of medical devices.

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