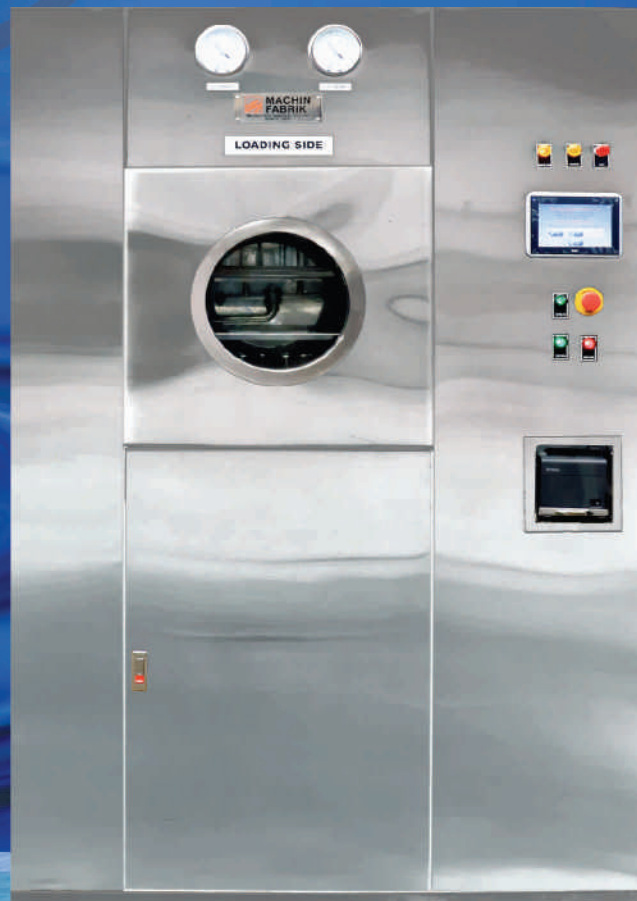
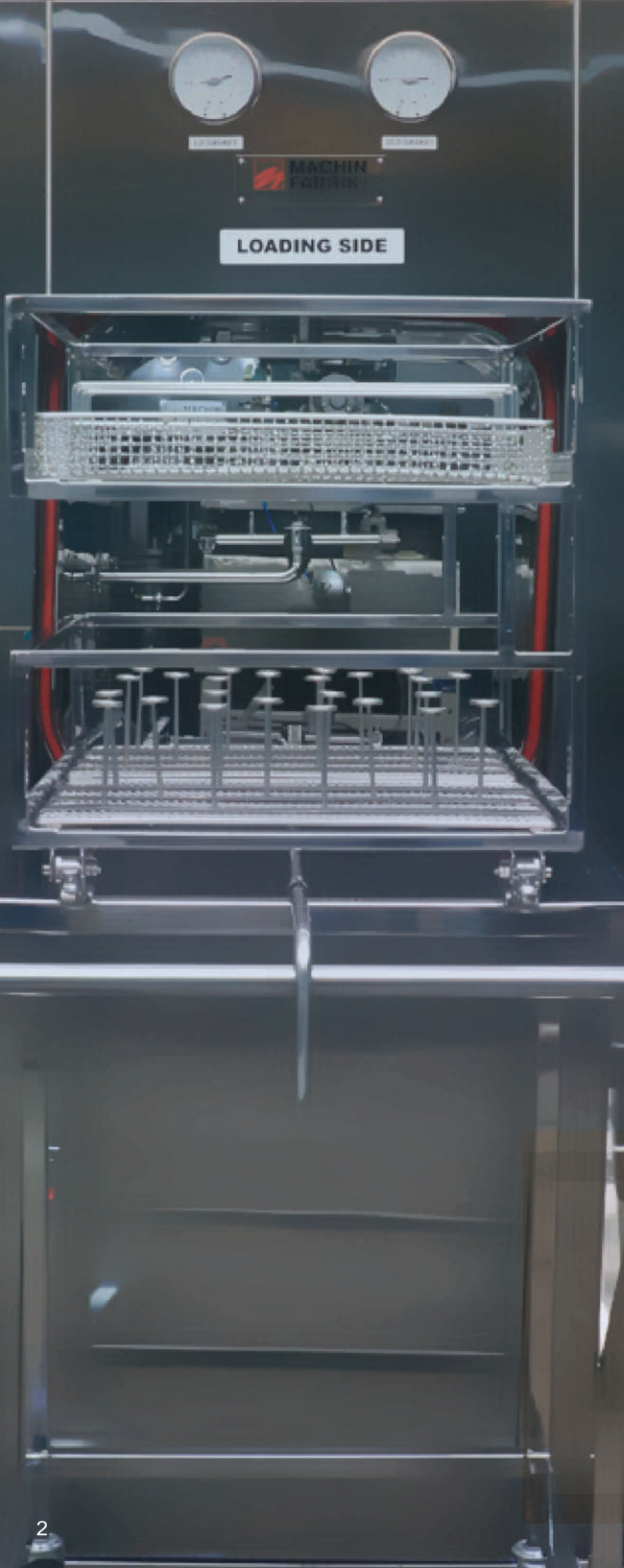


DISINFECTOMAT Washer Disinfector



Dynamic Cleaning & Disinfection Solutions



Enhanced CSSD Performance

The modern trend of establishing large medical facilities, combined with new legislations and standards, has resulted in a need for a rigorous process for monitoring operational and patient safety.

The Disinfectomat Series is developed to comply with the latest ISO 15883 directive to ensure safe cleaning, disinfection and drying. The intelligent control systems help the staff in relieving the workload by focusing on ease of operation and maximum process reliability.

Machinfabrik is one of the leading suppliers of decontamination equipment that has succeeded in bringing knowledge and experience in this field to offer a comprehensive range of Washer Disinfectors to meet your every need.

Smart & Intelligent



Smart Control System

The large color touch display provides user friendly operation. The informative display provides the operator with excellent guidance to monitor the progress of the cleaning process.



Fast Cycle Times

The range of predefined programs allow the user to select from a wide array of options to optimize the cleaning cycle and processing times.



High Productivity

Innovative design allows maximum usage of chamber capacity for higher throughput.



Hygienic And Easy To Clean Design

The system is built from non-corrosive stainless steel for longer life. All chamber surfaces are rounded and polished, doors flushed and there are minimum seams for easy and quick cleaning.



Comprehensive Process Documentation

The in-built printer provides a detailed process log of all critical parameters, which help the operator to monitor and record process efficiency.



Go Green

Optimum cycle development allows users to minimize the water and detergent consumption to reduce total cost per cycle.



Uncompromising Safety

A range of safety features are included to protect the operator to ensure compliance to applicable norms and standards worldwide.



Convenient Servicing

All mechanical and electrical parts are conveniently located to ensure easy access for servicing.



Ergonomic Design

The control panel with operator terminal is placed at a convenient height for ergonomic operation.

Innovative Design

The Disinfectomat Series of Washer Disinfectors provides the highest degree of user friendliness, safety and cost efficiency with focus on cost saving and maximizing investment for your equipment.

Thermal disinfection is the most efficient method for disinfection of medical devices and is strongly recommended by European guidelines wherever applicable.



The thermal disinfection is achieved by heating the water to a temperature of 93°C and holding it for a set time period.

To ensure best results, the system is fitted with an effective filtered hot air-drying system to ensure that all components are dry thereby reducing drying / cycle time.



Hygienic Chamber Design

The chamber is fabricated from non-corrosive stainless steel and is provided with rounded corners and fully welded construction for easy cleaning.



Full Coverage Spray Pattern

The chamber is provided with spray arms, which are rotated with the help of the pressure of the cleaning medium. Double or multiple spray arms are provided to ensure maximum coverage for effective cleaning.



Reliable & Automatic Full Drainage

The design and construction of the chamber and all pipework eliminates the risk of carry over between different phases of the cycle to ensure there is no cross contamination.



Sliding Doors

The Washer Disinfector is fitted with sliding doors, which are automatically powered to ensure easy operation. The door sealing is affected with the help of an inflatable seal to guarantee leak proof operation.



Quick Dock Coupling

The machine and the rack can be quickly coupled to form one cleaning system. The hydraulically activated docking device connects the washer and rack providing a water tight seal resulting in exceptional cleaning / drying action.



High Performance Drying System

For effective drying the Washer Disinfector is provided with a high pressure turbine blower. The large air volume dries even critical inner lumens of cannula instruments within a short time. The air used for drying is filtered via a upstream HEPA filter.

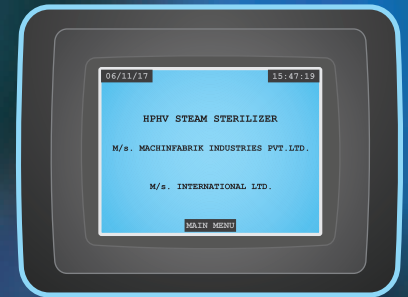


Self Cleaning For Best Results

To ensure superior hygienic standards the complete system including the chamber, pipelines and accessories are cleaned and disinfected automatically to ensure the Washer Disinfector is in hygienic ready to use condition after every cycle.

Simple, Precise And Consistent

- Our product development team receives feedback and inputs from users which are then carefully reviewed, designed and executed.
- Products are specifically designed with you in mind. Ease of use and the comprehensive safety features provided, installs confidence in your staff to keep your CSSD running efficiently.
- The large, color, touch screen display offers clear visibility and access to critical information for visualization of cycle performance / status.
- Simple to use with clear and uncluttered operation.
- Easy to learn systems – reduces need for training.
- A wide array on inbuilt safety functions and monitoring options, which assures excellent results every time.



A₀ Value Computation

The A₀ value of the thermal disinfection process is the measure of effectiveness as a function of temperature and time. Machinfabrik's programmable logic controller computes the A₀ value for each cycle and the disinfection cycle is complete only after the desire A₀ value has been reached.



Integral Printer

To comply with the recent standards and regulatory requirements it is mandatory that the disinfection process is documented. The Disinfectomat series is fitted with a printer that allows all program and process data to be printed directly on to a paper.



Comprehensive Range Of Handling Carts

The design and construction of the Handling Carts is as critical as the machine itself. Each cart is designed as to ensure that each component or part being reprocessed is exposed to the action of the cleaning medium both externally and where necessary internally. Machinfabrik offers an extensive range of handling accessories for all your needs – Ophthalmic Instruments, Anesthesia Tubing, Containers, Instruments, MIC instruments, Shoes, Bottles, etc.

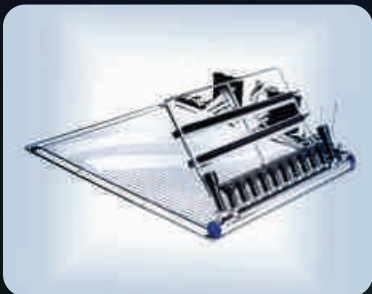


● Instrument Reprocessing

Multi-layer racks are provided for this purpose. The racks can also have special fitments to process instruments with lumens along with standard surgical instruments.

● Container Reprocessing

Flexible racks are provided for reprocessing a wide range of containers. Special spray heads are also provided for internal cleaning of the containers.



● MIC Reprocessing

The MIC racks are special designed for safe and simple reprocessing of even the most delicate instruments. The light, modular trays can be quickly assembled for high flexibility and at the same time ensure user comfort. Specially designed trays are also available for a wide range of instruments: long or short and solid or hollow.

● Racks For Shoes, Dishes, Etc.

These racks have a modular design and are provided with change parts for easy processing of a wide array of miscellaneous materials. Three or four different layers can be accommodated depending on the model selected.





● Anesthesia Material Reprocessing

The racks designed for Anesthesia material can process a wide variety of materials – smooth tubes, pediatric respiratory tubes, corrugated tubes, respiratory apparatus, masks, etc. The racks are designed for the cleaning medium to flow in an upward direction for maximum effectiveness. The design allows full drainage of the cleaning mediums including detergents. The cleaning and disinfection stages are followed by drying to ensure that the material is bone dry upon processing.



● Transport Carts

The transport carts facilitate movement of the racks with the CSSD and assist loading and unloading of the racks in the Washer Disinfector. The transport carts are also constructed from stainless steel and have lockable wheels for maximum safety. The transport cart has a tray at the bottom to retain water to ensure maximum hygiene.

Partners You Can Trust!

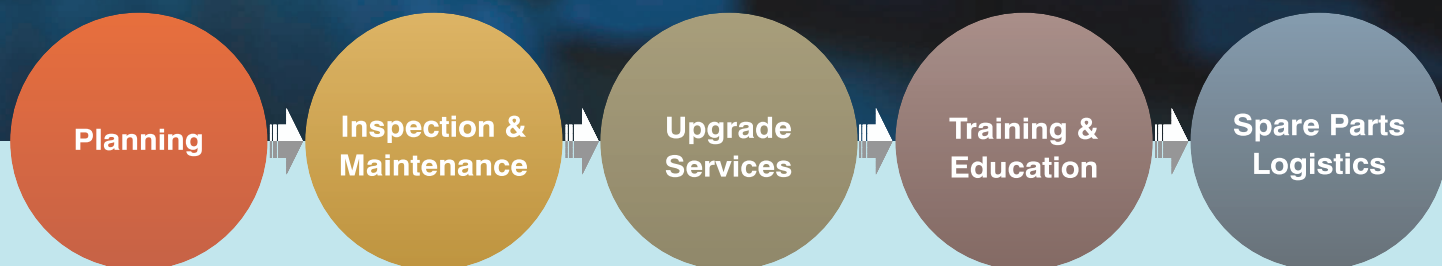
A system out of action is a big problem. Our team responds to such situations to provide prompt and effective on-site effective service. Our qualified service engineers are on location for understanding your needs.

We offer a variety of flexible, cost effective service contracts with guaranteed short response times to minimize your down time. A wide range of spare parts is always ready for quick delivery. Our total commitment to support means that whenever and wherever you need us, we will be there.



DISINFECTOMAT - WASHER DISINFECTOR

| MODEL | WD-S | WD-D |
|--|-------------------------|-------------------------|
| APPLICATION: STANDARD WASHING/ RINSING/ DISINFECTION (Drying Optional) | √ | √ |
| CHAMBER SIZE (600 X 600 X 800 MM) / CHAMBER VOLUME LITERS (288 Liters) | √ | √ |
| OVERALL DIMENSIONS (mm) (W) x (H) x (D) | 1350 X 2000 X 1050 | 1350 X 2000 X 1050 |
| CHAMBER / DOOR / PIPING / SS 304 (Optional Chamber SS 316 L) | √ | √ |
| DOOR / LARGE VIEW GLASS / QUICK LOCKING ARRANGEMENT | SINGLE SLIDING DOOR | DOUBLE SLIDING DOOR |
| HIGH CAPACITY CIRCULATING PUMP / AUTOMATIC DOZING PUMPS-3 Nos | √ | √ |
| LOADING RACK FOR KIDNEY TRAYS | √ | √ |
| LOADING RACK FOR GLASS BOTTLES | √ | √ |
| LOADING RACK FOR INSTRUMENTS | √ | √ |
| LOADING RACK FOR TUBINGS (OPTIONAL) | √ | √ |
| UTILITY REQUIREMENTS | | |
| SOFT WATER (3.0 Kg / Cm. ²) | 50 Liters / Phase | 50 Liters / Phase |
| COMPRESSED AIR (7.0 Bar) | 0.2 M ³ /Min | 0.2 M ³ /Min |
| FLOOR DRAIN 4 "Dia | √ | √ |
| ELECTRICITY: 415V / 50Hz / 3Phase / AC Supply | 6 KW & 2 HP | 6 KW & 2 HP |
| DRYING OPTIONAL | 12KW & 3HP | 12KW & 3HP |
| STANDARDS | | |
| CE COMPLIANT | √ | √ |
| AUTOMATIC OPERATION | | |
| AUTOMATIC OPERATION WITH PLC + HMI + PRINTER | √ | √ |



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