

WASHER DISINFECTOR, DOUBLE/SINGLE DOOR



NEMR Industries Pvt. Ltd.
Empowering Nation with Quality Products

TECHNICAL SPECIFICATION

- Stainless steel Washer Disinfector is a straight-through model designed to wash, rinse, and dry all kinds of surgical instruments, aesthetic and respiratory tubing, suction devices, bottles, and other glassware. The process is automatically controlled in a time-regulated sequence.
- It can handle up to 128 instruments per hour; It will have a
- single door/double door HMI & PLC Control System for all services,
- programming, and statistic functions- three preset programs
- Chamber Size: 550mm W x 825mm D x 550mm H;
- Volume: 250 – 275 Liters approx.
- Overall Size: 730mm W x 890mm D x 1600mm Height
- Electric supply requirement: 415 V, AC, 3 phase & , 50Hz
- Will have powerful water circulation pump with SS Head.
- Equipped with four & above spray arms for good penetration of water.
- Dosage of detergent can be preset with a dosing pump as required.
- Sensor to detect level in soap tank and easy refilling system
- Sensor for water protection low level and high in the chamber to avoid dry run.
- Double-wall with insulation to run with minimum sound and heat emission.
- To provide SS inner trolley with trays.
- To provide SS Loading carriage trolley.
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Product Description

The Nemr WD-505 washer/disinfector is engineered to provide the most effective wash of instruments, containers, and basins with minimal use of natural resources. With an efficiently designed stainless steel chamber and unique high volume / low-pressure water circulation system, it can process up to 3 to 6 trays of instruments and ensure

Application -

For use in Healthcare facilities for the processing of re-usable instruments, utensils, and other hard goods.

Configuration & Options

Heating Options

House Steam

Electric, 220V

Options

Drain Discharge Cool Down

Printer

Additional Dosing Pump

DI Pre-heater (electric heating)

Standards – IEC-60601-1, ISO 15883-1:2006

Standard Features & Construction / Design

- Doors & Seal** - Double wall glass with silicon polymer door seal. Manual, hinged doors.
- Door interlock** - the control unit allows only one door opened by time, for clear separation of the dirty & clean zone. Can be software configured as a single door washer.
- Chamber** - Stainless steel, type 316L.
- Chamber illumination** - The washing chamber is illuminated by two integrated halogen lamps. This feature supports the operator in visual process inspection.
- Exterior** - Stainless steel
- Service Access** - Service access panels on the front, above, and below the Chamber.
- Dryers** - Air is filtered through a HEPA system and directed over 3.5 kW heaters.
- Vented Exhaust** - Drying air is exhausted through a damper flap.
- Control System** - Microprocessor-based control system with touch-sensitive keys.
- Internal Diagnostics** - Components and parameters are monitored and any fault or error conditions are logged for retrieval to aid in repair diagnosis.
- Dosing Pumps** - Two peristaltic dosing pumps are included with options to add an additional two, up to a total of four.
- Rotary Wash Arms** - Located on the top and bottom of the chamber, and on each level of the loading racks, the design includes specifically located, large spray holes for maximum coverage, high water flow rates, and effective cleaning.
- Water Circulation Pump** - A stainless steel pump circulates water through the wash arms at 165 gallons per minute rate.
- Dual Temperature Sensors** - Two sensors provide a cross-check that proper water temperatures are met. If readings deviate beyond a set tolerance a message is displayed.
- Installation**
Full stainless side panels are provided. All utility connections are easily accessible at the top of the washer.