



Turnkey Decontamination System for Hospital Ward Waste Processing

Professional and Safe Expertise at Cleaning

From STIER

Ward decontamination rooms are critical to modern hospital infection control. In advanced healthcare systems, they rank among three essential infection prevention pillars alongside CSSD and surgical sterilization units.

STIER's systems provide evidence-based decontamination solutions combining automation with medical-grade reliability, elevating safety standards while protecting patients and staff.





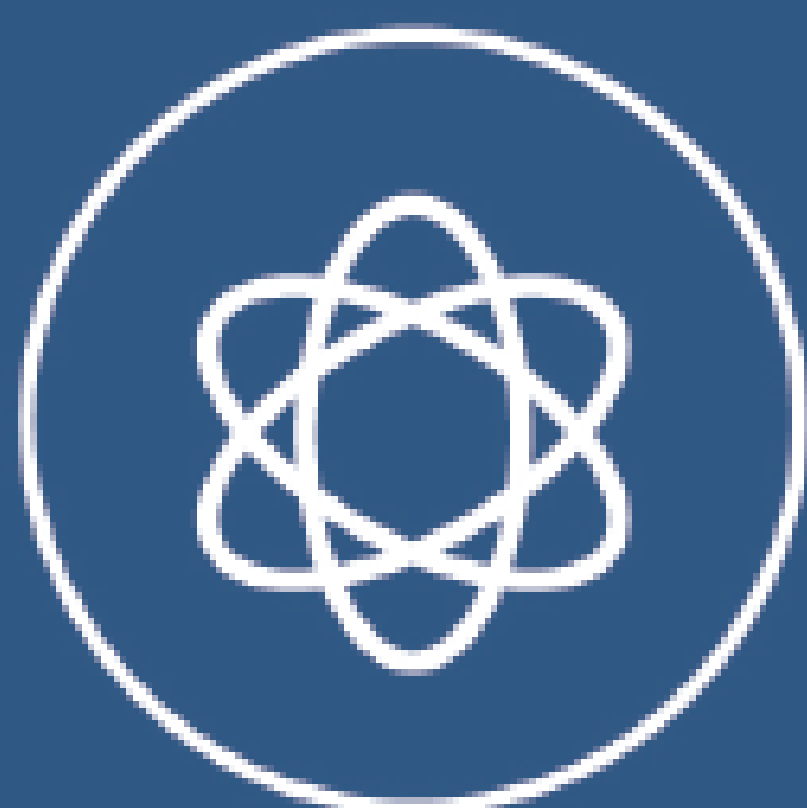
Modular Design

Adapts to any floorplan with workflow-optimized configurations



ISO/EN/CDC Compliant

Third-party certified pathogen kill rates



Smart Automation

Cuts cycles 40–60%

HMI cuts errors



Eco+Cost Savings

Recirculation systems slash 30% costs

ESG aligned



Bedpan Washer BP300A

Automated cleaning and sterilization for hospital containers, including bedpans, urinals, and drainage bottles.



1 bedpan + 1 urinal or
3 × urinals

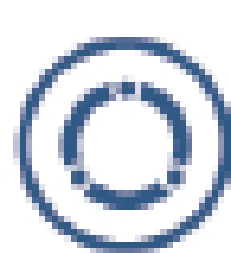


13-nozzle 360° jets
No blind spots



7" Touch UI
No training needed

Additional Product Parameters



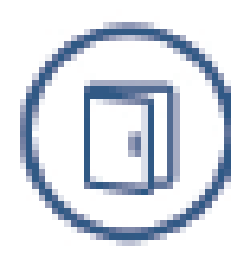
Cleaning Programs

Mild / Moderate / Heavy
Cleaning Options



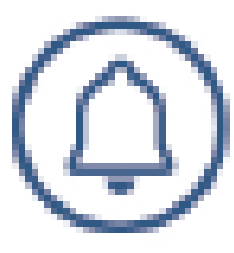
A0 Value Options

60/600/3000



Door Opening Methods

Manual / Foot Pedal / Automat-
ic Options

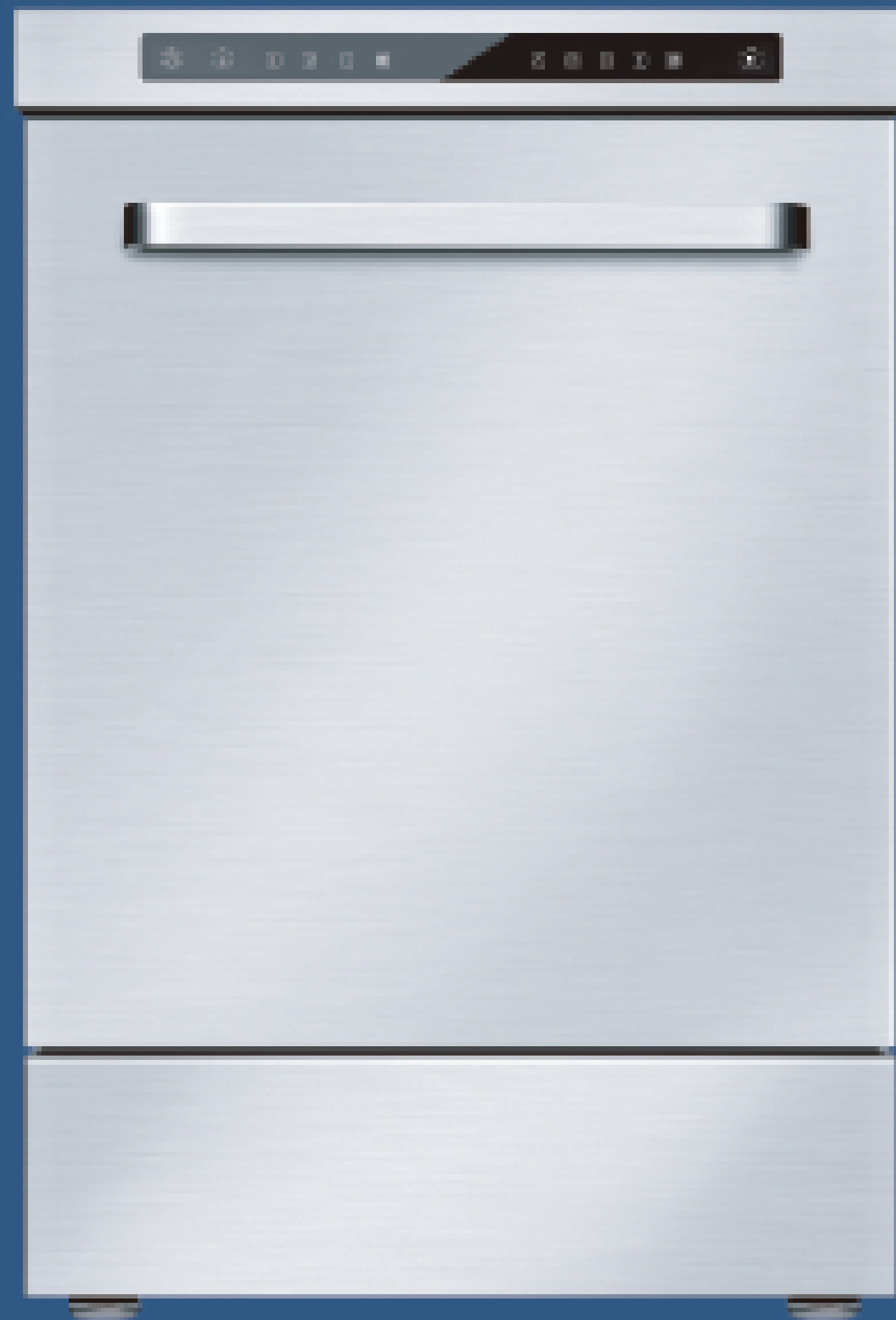


Reminder Function

Automatic Reminder for
Detergent and Descaler

Product parameters

Product Specifications	BP300A
Dimensions	W500*D450*H1650mm (customizable)
Power Supply	220V 50Hz
Rated Power	3.3 kW
Weight	70 kg
Tap Water Inlet Diameter	Ø20 mm
Warm Water Inlet Diameter	Ø20 mm
Drain Outlet Diameter	Ø110 mm



Multi-Function Washer-Disinfector ME200

Hospital-grade decontamination for ward items including surgical footwear, care basins, patient room decor, sterile trays, and pediatric toys.

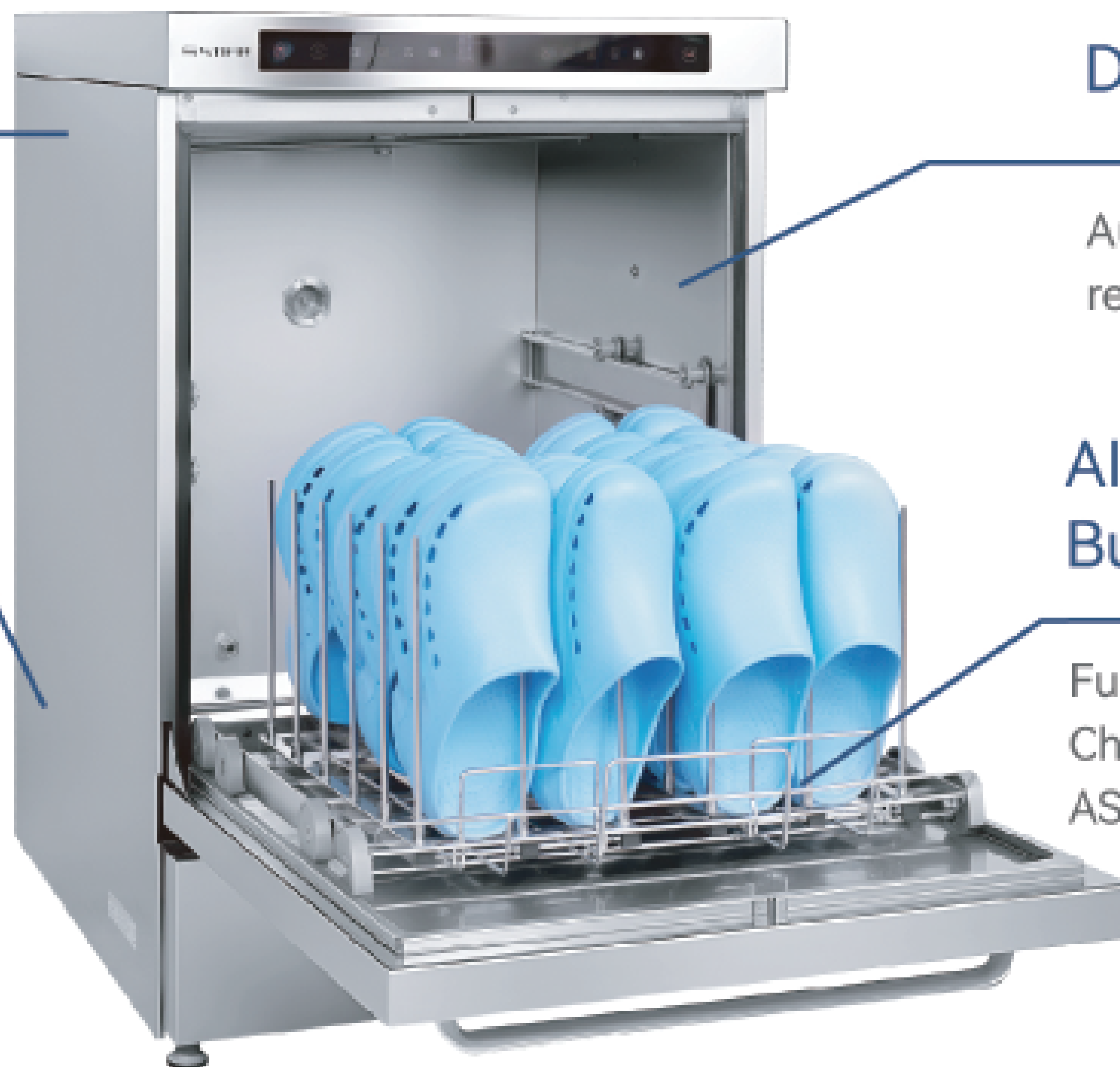
Compact Size, Max Load

Flex basket configuration optimizes capacity

Sterilization Modes

Thermal: $A_0=60-12,000$ (ISO 15883 compliant)

Chemo-Thermal: For heat-sensitive instruments



Dual Detergent Dispenser

Auto-level sensors trigger instant refill alerts when stock $\leq 10\%$.

AISI 316L Stainless Steel Build

Full-path corrosion resistance — Chamber, racks & plumbing meeting ASTM F899 standards.

Product parameters

Product Specifications	Model ME200
Dimensions	W600 * D700 * H920mm (customizable)
Power Supply	220V 50Hz
Rated Power	6.5 kW
Weight	95 kg
Tap Water Inlet Diameter	Ø20 mm
Drain Outlet Diameter	Ø50 mm



Optional Accessories (Dimensions Customizable, W*D*H)



Disposal Sink

500*600*900 mm



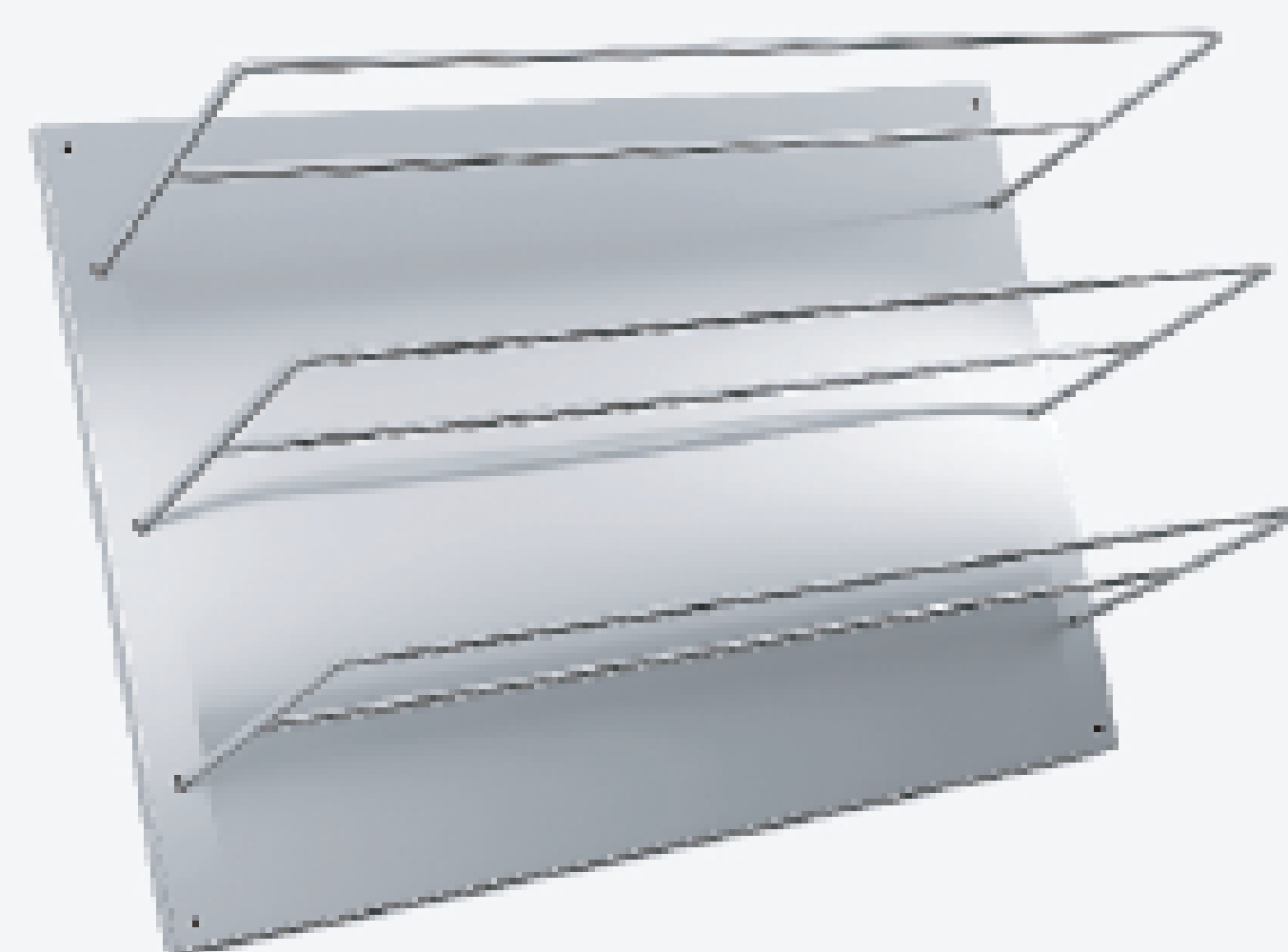
Mop Sink

600*600*500 mm



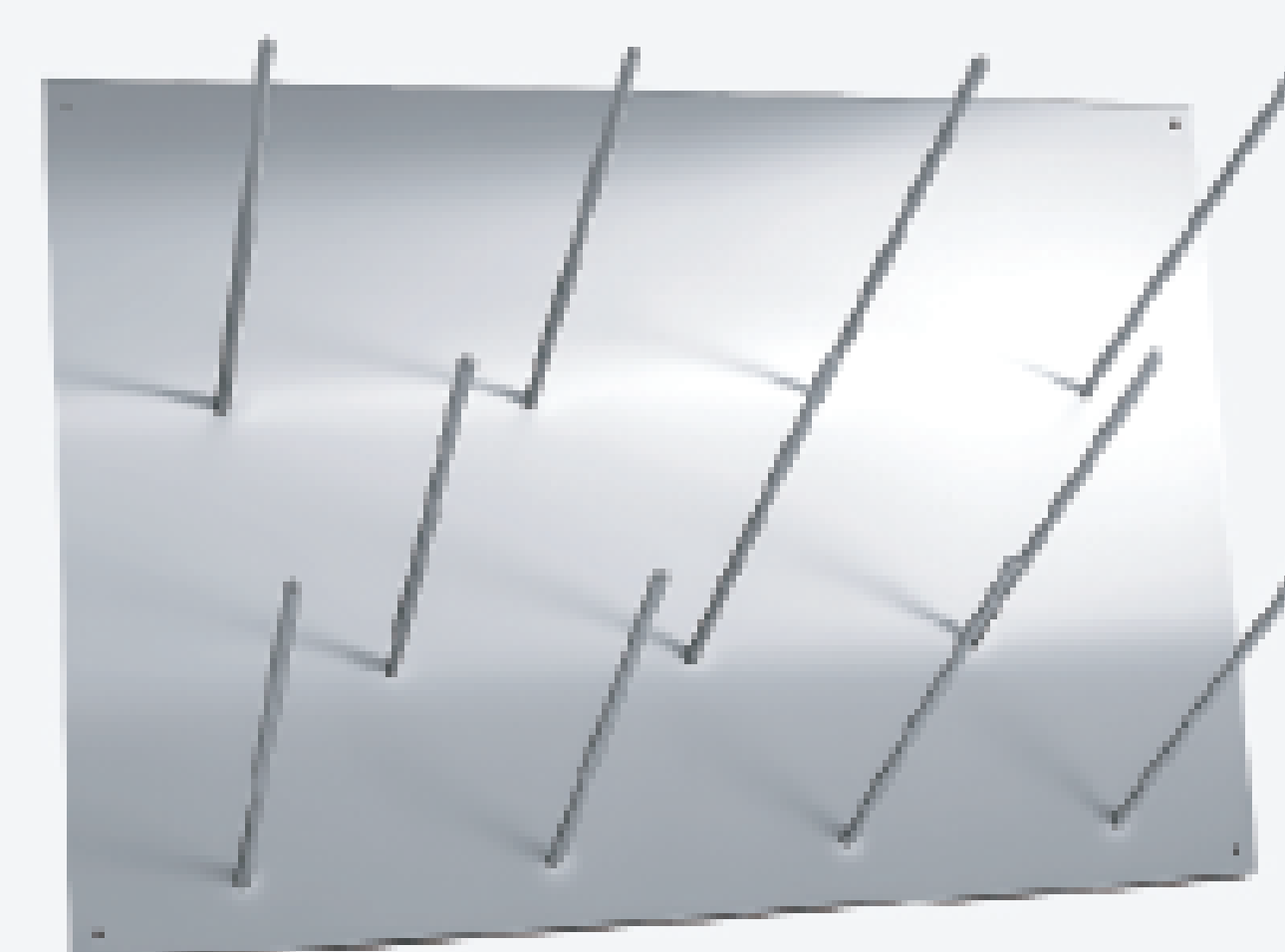
Sink Base Cabinet

1500*600*900 mm



Bedpan Holder

950*350*650 mm



Urinal Holder

950*350*650 mm

Compliance Standards

"WHO Guidelines on Decontamination and Reprocessing of Medical Devices for Health Care Facilities" (2016, updated 2021)

Chapter 7: "Decontamination of Patient Care Equipment"

Section 7.2.3 "Processing of Critical Items"

"Items contaminated with blood or other body fluids must undergo decontamination before reuse. Whenever possible, automated processes such as thermal disinfection should be preferred over manual cleaning."

"WHO Safe Management of Wastes from Health-Care Activities" (2nd Edition, 2014)

Section 3.1.2: "Classification of health-care waste"

"Non-sharp infectious waste (e.g., bedpans, urine bottles) should be either treated as infectious waste (e.g., by steam sterilization) or subjected to rigorous disinfection before disposal."

"WHO Decontamination and Reprocessing of Medical Devices (2016)"

Section 3.2 (Classification of medical devices)

"Critical items (e.g., surgical instruments) require sterilization. Semi-critical items (e.g., endoscopes) need high-level disinfection. Non-critical items (e.g., bedpans) require low- or intermediate-level disinfection based on contamination risk."

"WHO Guidelines on Hand Hygiene in Health Care"

Section 2.3.2 (Environmental Cleaning)

"Reusable cleaning tools (e.g., mops, cloths) must be thoroughly cleaned, disinfected, and dried after each use to prevent cross-contamination. Storage in dry conditions is critical to inhibit microbial growth."

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