


Tuttnauer Medical

REVO ♦ REVO PRO

Washer-Disinfector
for human waste containers

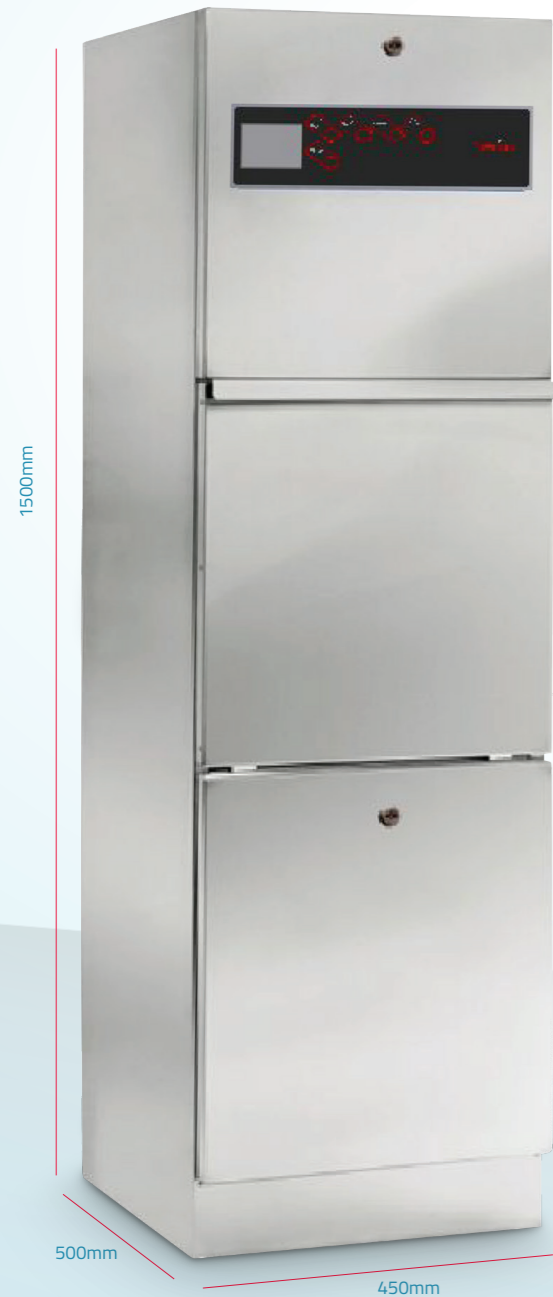


Hospitals

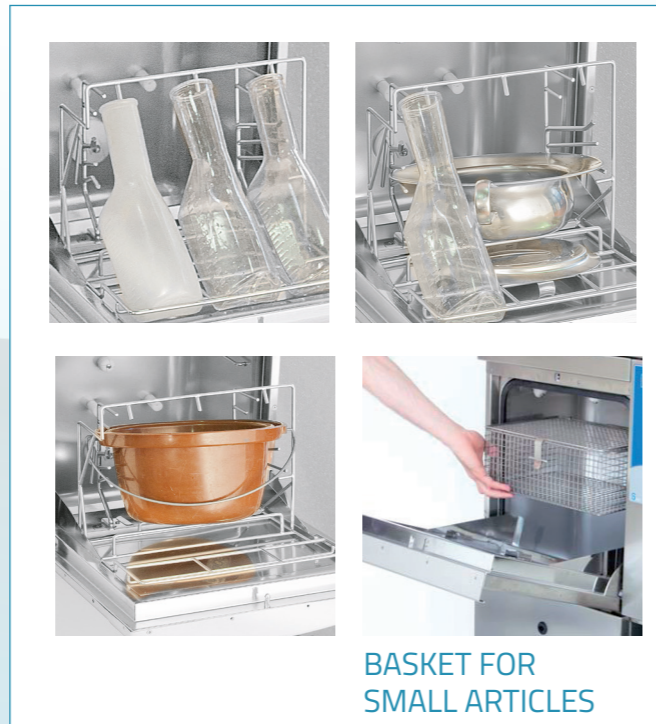
REVO Essential & Economic

Tuttnauer has created the new bedpan washer for washing and disinfecting human waste containers to be used in nursing-homes, small clinics and hospital departments where a simple and compact machine is needed.

Refined design, reduced dimensions and high technology in accordance with the ISO Standard EN-ISO 15883-1 and -3



REVO
Column floor-mounted with plinth, wall or floor drain trap connection. Thermal disinfection with built-in steam generator
Dimensions (mm) 450 x 500 x 1500 (W x D x H)



Technical Features

• Standard
 + Optional

Feature	REVO
MDD 93/42/EEC ISO 15883-1, 15883-3 certifications	•
Manufactured in AISI 304 (DIN 1.4301) stainless steel Scotch Brite finish	•
Wall or floor drain complete with DCS (Drain Control System)	•
Control keyboard with 40 characters LCD display showing different phases in the cycle, alarm messages, disinfection temperature and "AO" value > 60 according to EN ISO 15883-3	•
Complete with 3 washing programs - keyboard started NORMAL for solid waste - ECONOMY for liquid waste - INTENSIVE for tough waste	•
ENC - Electronic Nozzles Control : Intelligent control of water flow, pressure and injection system to improve the washing performance	•
Thermal disinfection with a built in steam generator 3,2 kW complete with water level monitoring probe and a safety thermostat	•
Softener/Detergent dosing pump complete with level monitoring in the canister and adjustable dosage control keyboard	•
SDS (Self Disinfection System) Auto disinfection system starts a program if the machine is not used for more then 24 hours (EN ISO 15883-1 p.5.3.1)	•
PT1000 Temperature sensor in the washing chamber	•
DWC - Disinfected Water Cooling: Automated system to disinfect the water used in the final rinse.	•
ETS - Empty Total System : System to automatically empty all the water present at the end of each cycle from the water pump.	•
ACS (Air Cooling System) - After the disinfection phase cold air will be introduced in the washing chamber to cool down the temperature, partially dry the containers and prevent the aerosol effect for the operator and the thermodynamic contamination of the room	+
The customers can also choose whether to install one of the following: - Bluetooth module: allows wireless communication between Tuttnauer device and Android devices (with Tuttnauer APP installed) - USB module: to upload dataset firmwares, etc. via USB flash drive	+



Putting your health and wellbeing first.




Contact us


to learn more about Washer-Disinfecter


REVO PRO State of the Art and Compact


high technology in reduced space





- 

DWC - Disinfected Water Cooling
Automated system to disinfect the water used in the final rinse to cool down the washing chamber temperature before being flushed, to ensure freedom from microbial contamination, according to the standard EN ISO 15883-1 5.3.2.5.
- 

ETS - Emptying Total System
System to automatically empty the water present at the end of each cycle from the water pump, the water storage tank and the pipes in order to ensure freedom from microbial contamination inside the machine. According to the standard EN ISO 15883-1 5.3.2.1 & 5.5.1.1
- 


SDS - Self Disinfection System
SDS (Self Disinfection System) Auto disinfection system starts a program if the machine is not used for more than 24 hours (EN ISO 15883-1 p.5.3.1)
- 

DCS - Drain Control System
Safety device that prevents the use of the machine if the drain is blocked.
- 


HANDS FREE STARTING
The user can start the machine without removing his gloves by pushing the buttons with his/her elbows. This feature also supports cross infection prevention
- 


AUTOMATIC DOOR OPENING
The operator can open and close the door by pushing the foot pedal or activating the optical sensor on the touch panel.

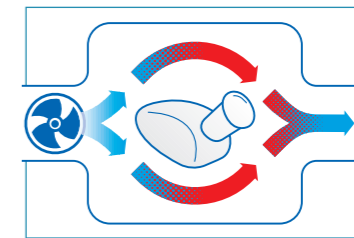
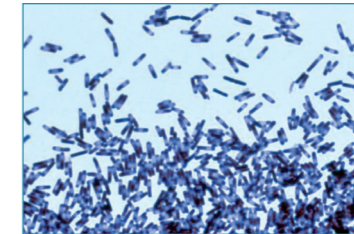
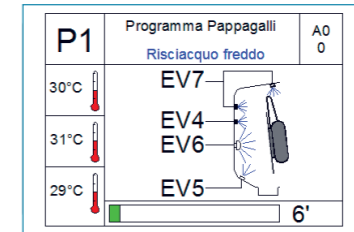
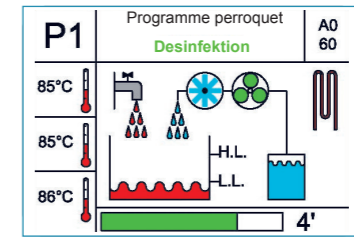
 Optional

 **EHMI - Easy Human-Machine Interface**
Graphic display for an easy communication between machine and user. Top technology visualization to assure a detailed information for a user-friendly control of machine features.

ENC
ENC - Electronic Nozzles Control
Intelligent control of water flow, pressure and injection system to improve the washing performance.

 **HDS - High Disinfection System**
Special Tuttnauer disinfection program with direct spraying appliance against CLOSTRIDIUM DIFFICILE bacterium.
Test approved by the German University of Bonn.

 **ACS - Air Cooling System**
After the disinfection phase cold air will be introduced by a fan in the washing chamber, to cool down the temperature, condense the steam and dry the containers. This appliance also prevents the aerosol effect and the thermodynamic contamination of the room.



REVO PRO
Column floor mounted with plinth, wall or floor drain trap connection. Thermal disinfection with built-in steam generator.
Dimensions (mm) 450 x 500 x 1500 (W x D x H)



Inserts and accessories

Bedpans and urine bottles inserts

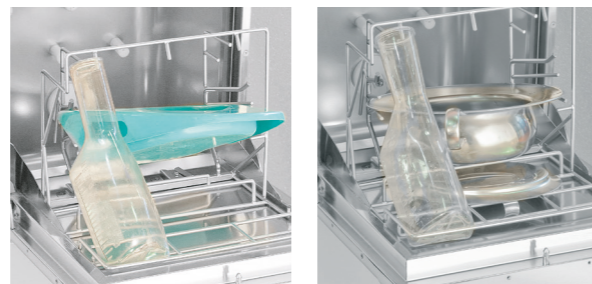
Standard Inserts

- Bedpan and urinal
- Commode and urinal
- Bedpan with cover and urinal
- Commode with cover and urinal
- Multiwasher basket

The urinals are emptied automatically during door-closing. Up to 3 urinals can be disinfected per cycle.

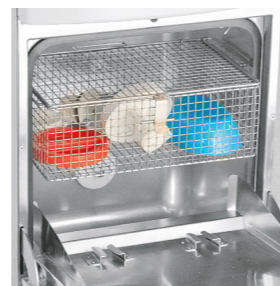
Multiwasher Basket

The multiwasher basket is suitable for all kinds of items or containers that do not have to be reprocessed in the sterilization department and do not fit on the regular insert.



Multiwasher Basket

Basket For Small Articles



Technical Features

• Standard
+ Optional

Feature	REVO
MDD 93/42/EEC ISO 15883-1, 15883-3	•
DVGW Certified plumbing system, designed to isolate the potable water pipeline system (water-gap) as prescribed by European Standard EN1717	•
Manufactured of AISI 304 (DIN 1.4301) stainless steel Scotch Brite finish	•
Washing chamber molded one-piece without welds and with rounded wide radius corners for maximum hygiene	•
USB port for connection to a personal computer for software upgrades	•
Thermal disinfection with a built in steam generator 3,2 kW complete with water level monitoring probe and a safety thermostat	•
Complete with 4 washing programs: NORMAL for solid waste ECONOMY for liquid waste - INTENSIVE for tough waste - EXTRA additional custom program	•
A0 value setting between 60 to 6000. The machine displays the A0 value reached and its calculation, in order to allow the user to check the disinfection conditions, according to EN ISO 15883-1/3	•
SDS (Self Disinfection System) Auto disinfection system starts a program if the machine is not used for more than 24 hours (EN ISO 15883-1 p.5.3.1)	•
PT1000 temperature sensor in the washing chamber	•
Softener dosing pump complete with level monitoring in the canister, the softener's dosage can be easily managed via control keyboard	•
Flow-meter for monitoring the correct quantity of chemical liquid used during the cycle. (EN ISO 15883-1 p.4.2.2 - 4.2.3)	•
Detergent dosing pump complete with level monitoring in the canister. The detergent's dosage can be easily managed via control keyboard	+
USB module: to upload dataset firmwares, etc. via USB flash drive	+



Contact us

to learn more about Washer-Disinfector

More From Tuttnauer

Featuring Tuttnauer's range of cleaning, disinfection and sterilization solutions



T-Max Line of Large Sterilizers



Laboratory autoclaves ranging in size and application



Pre & post vacuum tabletop sterilizers designed to perform class B cycles

Tuttnauer, your one-stop-shop for all your infection control needs.

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90 years' experience

Products distributed to clinics, hospitals and research institutions in more than

140 countries

Hospitals

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