WASHING AND DISINFECTION PROGRAM FOR AF2 MACHINES
INTERNATIONAL LEADER IN THE FIELD OF DISINFECTION TECHNOLOGY
AT-OS, international leader, **designs, manufactures** and **distributes** machines for washing and disinfecting containers for human waste, such as bedpans, urinals, supports for disposable bedpans, commodes, kidney-shaped basins, bowls, urology bottles and other containers used in healthcare. Containers used in hospitals, elderly homes, clinics, pharmaceutical industries, sanitary structures and dental surgeries.

The main features of these machines are the high technology and the constant research. The AF2 machines are produced in compliance with the **EC 93/42** directive for medical devices of class 2A, guaranteeing in that way high quality and a high security level. Total compliance with the new European standards concerning machines for washing and disinfection: **EN 15883** part 1 and part 3. The plumbing system is DVGW certified and isolates the potable water pipeline system as prescribed by the **European Standard EN1717** in order to avoid any risk of contamination.

Moreover, these machines are characterised by flexibility in use, customized programs based on operator needs and a warning system for routine maintenance which simplifies the maintenance. AT-OS gives **attentive and expert after-sales technical service**, guaranteeing **on-site intervention** whenever necessary and scheduling **training sessions for employees in the health sector**, in order to guarantee a correct use of the machines.

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**Guarantee of “professionalism” all over the world for more than 40 years**

AT-OS gives attentive and expert after-sales technical service, guaranteeing on-site intervention whenever necessary and scheduling training sessions for employees in the health sector, in order to guarantee a correct use of the machines.
CONTAMINATION RISK

“O”
One of the biggest problems which has to be eliminated in the hospitals is the transmission of infections from one patient to another due to badly cleaned containers. The achieved aims of the AF2 bedpan washers are: high technology, highest hygiene and disinfection results.

The contamination risk for both the user and patient is completely eliminated, thanks to the automatic door closure system, automatic emptying of the containers, cleaning and disinfection.

The door opens only after the disinfection of the articles. A particular security system ensures that the door remains closed during the disinfection phase avoiding premature opening of the door and possible contamination. Thanks to the AT-OS technology the machine calculates the disinfection value Ao during each cycle of the thermal disinfection. At the end of every cycle the machine displays the reached Ao value, which mustn’t be under 60.

1 Opening of the door if your hands are full.

2 Secure insertion of the container, so there is no risk of any spillage.

3 Automatic door opening and closing.

“Security” for both the user and the patient thanks to the DISINFECTION VALUE “Ao”
HIGH COMMUNICATION AND SECURITY LEVEL
"Communication" guarantees a more dynamic and better working

The advanced AT-OS Monitor-technology controls all parts of the machine and the different cleaning phases. Moreover, it enables the user to choose between different functions such as:
- Programmed maintenance service
- Software for connecting and controlling the statistics, printing of the cycle diagram, realisation of new programs.

The operating of the machine is simplified by the 40-character display, which also shows the temperature present in the washing chamber, the different washing phases and possible breakdowns. The length of the cleaning and disinfection phases, which varies from 4 to 7 minutes, depends upon the frequency of use and the water temperature.

Each program consists of the following phases:

1. Cold water rinse.
2. Hot water rinse (with detergent if requested).
3. Basin heating by steam for disinfection.
4. Disinfection and maintenance of preset temperature and time (according to standards, a minimum of 80°C for 1 minute, Ao - value > 60).

The disinfection phase is followed by a cooling phase using warm water. On request it is also possible to activate the ACS (Air Cooling System), which uses cold air in order to achieve a cooling and a partial drying of the articles.

1. Printer.

2. AT-OS Monitor, software used for programming and monitoring.
HIGHEST WASHING TECHNOLOGY IN DETAIL
The detail creates the “difference”.

- Multipurpose stainless steel wash rack
- 40-character display showing the temperature in the washing chamber, the different phases of the washing cycle and the error messages
- 4 additional programs with UPS and EPS
- Calculation of the “Ao” value at the end of each cycle
- Water storage tank and electric pump in order to achieve a washing result which is independent from external water pressure
- Emergency stop button
- Elbow button for automatic door opening
- 3 temperature probes PT100 in the wash chamber to ensure accurate disinfection monitoring DVS (Disinfection Validation System)
- Elbow buttons for hands-free program selection
- Series of high-pressure rotating washing nozzles that guarantee an effective cleaning
- Large wash chamber in AISI 316 (DIN 1.4404) for optimal capacity and flexibility
- Air Cooling System (ACS)
- Deep door panel to catch accidental spillages
- Multipurpose stainless steel wash rack
- Storage for softener and detergent inside cabinet
- Foot pedal for automatic door opening
- Removable front panel for easy service access
DESIGN FOR EVERY ROOM
“Colours” for a more comfortable atmosphere

The AF2 line with its compact design and new colours is adaptable to each room and fulfils any planning requirement. The wide range of models available of this line solves any installation problem for completely furnished sluice rooms or for assisted bathrooms without additional costs and with the advantage of fast installation and assembly both in new structures and, above all, when renovating old structures or replacing old machines. There are different solutions for the installation of bedpan washers: on the floor, wall-hung or built-in bedpan washers. Moreover, it is possible to install the compact solution which combines slop sinks and basin to cabinets. These combined sluice units, adaptable to individual requirements of the customer, may be delivered also with a single water supply and slop sink.
Different types of the "AF product line"

**Individual appliances**

AF2-60P  
AF2-60M  
AF2-60I  
AF2-60I/WC

AF2-90B  
AF2-90 Sotto-Top 970  
AF2-90 Sotto-Top 860  
AF2-90L

**Compact combined sluice units**

AF2-105P  
AF2-105M  
AF2-135B

**Entirely combined sluice units**

AF2-135L  
AF2-180B/V  
AF2-180L/V  
AF2-225B/W  
AF2-225L/W
Technical information regarding the AF2 machine

The AF2 machine for washing and disinfecting containers for human waste has been designed to reduce consumption rates, greatly cut down operating costs and to meet the European standards EN15883 part 1 and part 3.

- Entirely made out of AISI DIN 304 scotch brite brushed stainless steel.
- Washing chamber made out of AISI DIN 304 and press-molded in a single unit with rounded edges.
- Easy changeable support for hooking items to be washed.
- Fixed and rotating washing jets with a wide radius in order to guarantee an optimal cleaning result.
- DVGW certified plumbing system, designed to isolate the potable water pipeline system as prescribed by European Standard EN1717.
- Water storage tank with 2 different level controls.
- Washing system equipped with electric pump and solenoid valves for an optimised management of the wash programs thanks to AT-OS MONITOR.
- Electronic management with a re-programmable microprocessor system and a 24V transformer.
- Control keyboard with 40 characters and LCD display.
- SERIAL RS232 output for connecting a personal computer.
- Complete with 3 washing programs – Operating by using the keyboard. NORMAL for solid waste – ECONOMY for liquid waste – INTENSIVE for tough waste.
- DOUBLE SAFETY SYSTEM in order to prevent the door from being opened during the disinfection phase.
- SAFETY DEVICE IN CASE OF BREAKDOWN: the user is informed by a message on the display every time the cycle is interrupted (including power failures) and after 20 seconds the interrupted cycle automatically starts working again.
- THERMAL DISINFECTION WITH INDEPENDENT STEAM GENERATOR, which consists of the following parts: heating coil 2,7 KW, water level and temperature probes.
- WATER SOFTENER DOSING PUMP.
- AO DISINFECTION VALUE CALCULATION: at the end of each cycle, the machine displays the reached Ao value.

OPTIONAL ACCESSORIES:
- LOCKING SYSTEM in case of a blocked drain trap.
- DETERGENT DOSING PUMP.
- SOLVENT SPRAY PUMP, which automatically sprays a solvent liquid before the washing phase starts, in order to eliminate any zinc cream deposits from the bedpan.
- PRINTER.
- Disinfection Validation System (DVS) by using 3 PT100 temperature detection probes in the washing chamber.
- ACS (Air Cooling System): After the disinfection phase cold air enters the washing chamber, so that the temperature is lowered and the containers are partially dried.
- UPS/ EPS (Ultra & Extra Pre-washing System): Function for pre-washing, which leads to a better cleaning result, even in case of containers that are very dirty and difficult to clean.
It's the first bedpan washer on the market, which is able to wash and disinfect different types of containers and instruments, thanks to a multipurpose basket.

The multiwasher is suitable for items that are not normally washed using a bed pan insert. AT-OS has developed a special device which directs the water to the 3 jets above and under the basket, in order to optimize the cleaning of the containers. The AF2 Multwasher possesses the same emptying, washing, disinfection and cooling characteristics as the normal bedpan washers, because it uses the normal AF20 support. The AT-OS machines are designed by specialists in view of individual requirements of the users.
Possibility of washing and disinfecting at the SAME TIME AND IN THE SAME ROOM all possible types of containers for human waste and dirty instruments in order to gain time.

Waste that has to be washed and disinfected in the AF2-MULTIWASHER

Waste that has to be washed and disinfected in the AF-2 and AF2-MULTIWASHER
Stainless steel slop sinks and basins for a hygienically perfect room

A sluice room should consist of a slop sink, machine for washing and disinfection, an area for hand washing and an area for dirty containers and instruments.

The AT-OS slop sinks are equipped with a ringwash system for washing the sink, connected to the bedpan washer’s pump or another independent system. On request it is possible to add automatically a disinfection liquid and detergent during the washing of the sink.

The slop sink, made out of stainless steel AISI 304 and pressed in a single bloc unit without welds, has the following dimension: mm 280 height 200. A tip-up grid for putting the containers. The drain trap DN70 and DN90 may be fixed either at the wall or at the floor.
The AT-OS AF2 opening and closing system

**STANDARD VERSION**

Opening  
Closing  
Start-up

For the following types: **AF2-60P - AF2-60M - AF2-90B**  
**AF2-90L - AF2-60I - AF2-60I/WC**

**VERSION “A” COMFORT**

Opening  
Closing/ Start-up

For the following types: **AF2-90B - AF2-90L - AF2-60I**  
**AF2-60I/WC**

**VERSION “E” TOTAL SECURITY**

Opening  
Closing/ Start-up

For the following types: **AF2-60P - AF2-60M**

**“AT” COMFORT**

**“ET” TOTAL SECURITY**

180° ROTATION
STANDARD version - Manual opening and closing

Tilting front door designed with hygienic and ergonomic handle and closing system assisted by gas-spring. Items to be washed, still full and without being manually emptied, are first inserted on the special hook support. Then the door is manually closed and the containers are automatically emptied in the hermetically sealed chamber. Then the desired washing and disinfection program may be selected. The door, thanks to a safety device, remains locked for the entire duration of the work cycle and will only open if the disinfection cycle has been concluded totally in accordance with new European Standards.

“A” COMFORT version - Automatic opening and closing

Tilting front door with totally automatic opening and closing. Door opening is operated by a pedal or push button device, so users can operate the machine even if their hands aren’t free. Items to be washed, still full and without being manually emptied, are first inserted on the special hook support. Then when the program is selected the door automatically closes and the containers are automatically emptied, washed and disinfected. The door remains locked for the entire duration of the work cycle. The door remains locked for the entire duration of the work cycle.

Two options are available once the washing and disinfection cycle is completely concluded:
1) The chamber door automatically opens when the cycle is concluded.
2) The chamber door remains closed and may be opened by pressing the pedal.

An automatic safety system avoids the door closing fully, if obstructed in any way.

“E” TOTAL SECURITY version - Automatic opening and closing

Tilting front door with totally automatic opening and closing. Door opening is operated by a pedal or push button device, so users can operate the machine even if their hands aren’t free. The door may be opened by pressing the ELBOW PUSH BUTTON. The door closes automatically, the containers are emptied, washed and disinfected. The door is locked for the entire duration of the work cycle.

Two options are available once the washing and disinfection cycle is completely concluded:
1) The chamber door automatically opens when the cycle is concluded.
2) The chamber door remains closed and may be opened by pressing the pedal.

An automatic safety system avoids the door closing fully, if obstructed in any way.
AF2-60P COLUMN BEDPAN WASHER
Washer disinfector machine with plinth Wall or floor drain trap connection.
Dimensions:
width: 600 mm.
depth: 450 mm.
height: 1650 mm.
Following versions are available:
**VERSION STANDARD** - Manual opening and closing:
- AF2-60P.G Thermal disinfection with built-in steam generator.
- AF2-60P.V Thermal disinfection with connection to a main steam supply.
**VERSION "E"** - Automatic opening and closing with elbow operated push buttons:
- AF2-60PE.G Thermal disinfection with built-in steam generator.
- AF2-60PE.V Thermal disinfection with connection to a main steam supply.
**VERSION "ET"** - With elbow operated push button and bedpan holder with patented automatic spin:
- AF2-60PET.G Thermal disinfection with built-in steam generator.
- AF2-60PET.V Thermal disinfection with connection to a main steam supply.

Versions with automatic door deliverable only with elbow operated push buttons.

AF2-60M WALL-HUNG BEDPAN WASHER
Washer disinfector machine with wall drain trap connection:
Dimensions:
width: 600 mm.
depth: 450 mm.
height: 1550 mm.
Following versions are available:
**VERSION STANDARD** - Manual opening and closing:
- AF2-60M.G Thermal disinfection with built-in steam generator.
- AF2-60M.V Thermal disinfection with connection to a main steam supply.
**VERSION "E"** - Automatic opening and closing with elbow operated push buttons:
- AF2-60ME.G Thermal disinfection with built-in steam generator.
- AF2-60ME.V Thermal disinfection with connection to a main steam supply.
**VERSION "ET"** - With elbow operated push button and bedpan holder with patented automatic spin:
- AF2-60MET.G Thermal disinfection with built-in steam generator.
- AF2-60MET.V Thermal disinfection with connection to a main steam supply.
AF2-60I BUILT-IN BEDPAN WASHER

Built-in washer and disinfector machine with assembly frame, included top storage unit with 1 side-hung door and finishing stainless steel frame.

Dimension of frame in the wall:
- width: 720 mm.
- depth: 585 mm.
- height: 2250 mm.

Dimension of front facade with frame:
- width: 720 mm.
- height: 1835 mm.

Following versions are available:

STANDARD VERSION - Manual opening and closing:
- AF2-60I.G
  Thermal disinfection with built-in steam generator.
- AF2-60I.V
  Thermal disinfection with connection to a main steam supply.

VERSION "A" COMFORT - Automatic opening and closing:
- AF2-60IA.G
  Thermal disinfection with built-in steam generator.
- AF2-60IA.V
  Thermal disinfection with connection to a main steam supply.

VERSION "AT" COMFORT - With elbow push button and bedpan holder with PATENTED automatic spin:
- AF2-60IAT.G
  Thermal disinfection with built-in steam generator.
- AF2-60IAT.V
  Thermal disinfection with connection to a main steam supply.

Versions with automatic door deliverable only with elbow operated push buttons.

AF2-60I/WC BUILT-IN BEDPAN WASHER

Built-in washer and disinfector machine with assembly frame, completed with small materials for fixing the toilet and water receptacle of WC, included storage unit with 1 side-hung door and finishing stainless steel frame.

Dimension of frame in the wall:
- width: 720 mm.
- depth: 585 mm.
- height: 2250 mm.

Dimension of front facade with frame:
- width: 720 mm.
- height: 1835 mm.

Available in the following versions:

STANDARD VERSION - Manual opening and closing:
- AF2-60I/WC.G
  Thermal disinfection with built-in steam generator.
- AF2-60I/WC.V
  Thermal disinfection with connection to a main steam supply.

VERSION "A" COMFORT - Automatic opening and closing:
- AF2-60I/WCA.G
  Thermal disinfection with built-in steam generator.
- AF2-60I/WCA.V
  Thermal disinfection with connection to a main steam supply.

VERSION "AT" COMFORT - With bedpan holder with PATENTED automatic spin:
- AF2-60I/WCAT.G
  Thermal disinfection with built-in steam generator.
- AF2-60I/WCAT.V
  Thermal disinfection with connection to a main steam supply.

Versions with automatic door only deliverable with elbow operated push buttons.
AF2 INDIVIDUAL APPLIANCES

AF2-90B COUNTER TOP BEDPAN WASHER
Counter-top washing and disinfecting machine with plinth and work top.
Dimensions:
width: 900 mm.
dept.: 600 mm.
height: 1000 mm.
Available in the following versions:

STANDARD VERSION - Manual opening and closing:
• AF2-90B.G
  Thermal disinfection with built-in steam generator.
• AF2-90B.V
  Thermal disinfection with connection to a main steam supply.

VERSION "A" COMFORT - Automatic opening and closing:
• AF2-90BA.G
  Thermal disinfection with built-in steam generator.
• AF2-90BA.V
  Thermal disinfection with connection to a main steam supply.

VERSION "AT" COMFORT - with bedpan holder with PATENTED automatic spin:
• AF2-90BAT.G
  Thermal disinfection with built-in steam generator.
• AF2-90BAT.V
  Thermal disinfection with connection to a main steam supply.

AF2-90 UNDER-TOP HEIGHT 970
Under-top washing and disinfecting machine with plinth to place under a work-top. The AF290 has been designed to combine with the furniture of the sluice room and therefore without a work top.
Dimensions:
width: 900 mm.
dept.: 600 mm.
height: 970 mm.
Available in the following versions:

STANDARD VERSION - Manual opening and closing:
• AF2-90.G/970
  Thermal disinfection with built-in steam generator.
• AF2-90.V/970
  Thermal disinfection with connection to a main steam supply.

VERSION "A" COMFORT - Automatic opening and closing:
• AF2-90A.G/970
  Thermal disinfection with built-in steam generator.
• AF2-90A.V/970
  Thermal disinfection with connection to a main steam supply.

VERSION "AT" COMFORT - with bedpan holder with PATENTED automatic spin:
• AF2-90AT.G/970
  Thermal disinfection with built-in steam generator.
• AF2-90AT.V/970
  Thermal disinfection with connection to a main steam supply.
AF2 INDIVIDUAL APPLIANCES

AF2-90 UNDER-TOP BEDPAN WASHER 860
Under-top washing and disinfecting machine with plinth to be placed under a work-plate. The AF290 has been designed to combine with the furniture of the sluice room and therefore without a work top.

Dimensions:
- width: 900 mm.
- depth: 600 mm.
- height: 860 mm.

In the following types available:

STANDARD VERSION - manual opening and closing:
- AF2-90.G/860
  Thermal disinfection with built-in steam generator.
- AF2-90.V/860
  Thermal disinfection with connection to a main steam supply.

VERSION "A" COMFORT - Automatic opening and closing:
- AF2-90A.G/860
  Thermal disinfection with built-in steam generator.
- AF2-90A.V/860
  Thermal disinfection with connection to a main steam supply.

VERSION "AT" COMFORT - with bedpan holder with PATENTED automatic spin:
- AF2-90AT.G/860
  Thermal disinfection with built-in steam generator.
- AF2-90AT.V/860
  Thermal disinfection with connection to a main steam supply.

AF2-90L COUNTER TOP BEDPAN WASHER
Counter-top washing and disinfecting machine with plinth floor standing and completed with work plate and integrated basin - dimensions 290 x 350 x 170 D.

Dimensions:
- width: 900 mm.
- depth: 600 mm.
- height: 1000 mm.

In the following types available:

STANDARD VERSION - Manual opening and closing:
- AF2-90L.G
  Thermal disinfection with built-in steam generator.
- AF2-90L.V
  Thermal disinfection with connection to a main steam supply.

VERSION "A" COMFORT - Automatic opening and closing:
- AF2-90LA.G
  Thermal disinfection with built-in steam generator.
- AF2-90LA.V
  Thermal disinfection with connection to a main steam supply.

VERSION "AT" COMFORT - with bedpan holder with PATENTED automatic spin:
- AF2-90LAT.G
  Thermal disinfection with built-in steam generator.
- AF2-90LAT.V
  Thermal disinfection with connection to a main steam supply.
AF2 COMPACT
COMBINED SLUICE UNIT
Machine and slop sink

**AF2-105P COLUMN COMBINED SLUICE UNIT**
Washer disinfector machine AF2-60M with slop sink and plinth. Slop sink with ringwash system for washing the sink, connected to the bedpan washer’s pump.
Dimensions:
- width: 1050 mm.
- depth: 450 mm.
- height: 620/1650 mm.

Available in the following versions:

**STANDARD VERSION** - Manual opening and closing:
- **AF2-105P.G** Thermal disinfection with built-in steam generator.
- **AF2-105P.V** Thermal disinfection with connection to a main steam supply.

**VERSION “E”** - Automatic opening and closing with elbow operated push buttons:
- **AF2-105PE.G** Thermal disinfection with built-in steam generator.
- **AF2-105PE.V** Thermal disinfection with connection to a main steam supply.

**VERSION “ET”** - With elbow operated push buttons and bedpan holder with PATENED automatic spin:
- **AF2-105PET.G** Thermal disinfection with built-in steam generator.
- **AF2-105PET.V** Thermal disinfection with connection to a main steam supply.

**AF2-105M WALL-HUNG BEDPAN WASHER**
Washer disinfector machine AF2-60M with slop sink. Slop sink with ringwash system for washing the sink, connected to the bedpan washer’s pump.
Dimensions:
- width: 1050 mm.
- depth: 450 mm.
- height: 520/1550 mm.

Available in the following types:

**STANDARD VERSION** - Manual opening and closing:
- **AF2-105M.G** Thermal disinfection with built-in steam generator.
- **AF2-105M.V** Thermal disinfection with connection to a main steam supply.
**AF2 COMPACT COMBINED SLUICE UNIT**

Machine and slop sink

### VERSION "E" - Automatic opening and closing with elbow operated push buttons:
- **AF2-105ME.G**
  Thermal disinfection with built-in steam generator.
- **AF2-105ME.V**
  Thermal disinfection with connection to a main steam supply.

### VERSION "ET" - With elbow operated push buttons and bedpan holder with PATENTED automatic spin:
- **AF2-105MET.G**
  Thermal disinfection with built-in steam generator.
- **AF2-105MET.V**
  Thermal disinfection with connection to a main steam supply.

Versions with automatic door only deliverable with elbow operated push buttons.

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**AF2-135B COUNTER TOP BEDPAN WASHER**

Washer disinfector machine AF2-90B with work table with slop sink and plinth. Slop sink with ringwash system for washing the sink, connected to the bedpan washer’s pump.

Dimensions:
- width: 1350 mm.
- depth: 600 mm.
- height: 620/1000 mm.

Available in the following versions:

### STANDARD VERSION - Manual opening and closing:
- **AF2-135B.G**
  Thermal disinfection with built-in steam generator.
- **AF2-135B.V**
  Thermal disinfection with connection to a main steam supply.

### VERSION "A" COMFORT - Automatic opening and closing:
- **AF2-135BA.G**
  Thermal disinfection with built-in steam generator.
- **AF2-135BA.V**
  Thermal disinfection with connection to a main steam supply.

### VERSION "AT" COMFORT - With bedpan holder with PATENTED automatic spin:
- **AF2-135BAT.G**
  Thermal disinfection with built-in steam generator.
- **AF2-135BAT.V**
  Thermal disinfection with connection to a main steam supply.
AF2 COMBINED SLUICE UNITS
Machine, slop sink and basin

AF2-135L COUNTER TOP COMBINED SLUICE UNIT WITH BASIN
Combined sluice unit with slop sink on the left side, washer disinfector machine AF2-90L with plinth.
Work table with basin dim. mm 290 x 350 x 170.
Slop sink with ringwash system for washing the sink, connected to the bedpan washer’s pump.
Dimensions:
- width: 1350 mm.
- depth: 600 mm.
- height: 620/1000 mm.
Available in the following versions:

STANDARD VERSION - Manual opening and closing:
- AF2-135L.G
  Thermal disinfection with built-in steam generator.
- AF2-135L.V
  Thermal disinfection with connection to a main steam supply.

VERSION "A" COMFORT - Automatic opening and closing:
- AF2-135LA.G
  Thermal disinfection with built-in steam generator.
- AF2-135LA.V
  Thermal disinfection with connection to a main steam supply.

VERSION "AT" COMFORT - With bedpan holder with PATENTED automatic spin:
- AF2-135LAT.G
  Thermal disinfection with built-in steam generator.
- AF2-135LAT.V
  Thermal disinfection with connection to a main steam supply.

AF2-180B/V COUNTER TOP BEDPAN WASHER
AF2-180L/V COUNTER TOP BEDPAN WASHER WITH BASIN
Combined sluice unit with slop sink Washer disinfector machine AF2-90/970 with plinth.
Work table with basin dim. mm. 340x400x250.
The L/V version one additional basin mm 290x350x170.
Base under basin with 1 side-hung door (450 mm)
Slop sink with ringwash system for washing the sink, connected to the bedpan washer’s pump.
Dimensions:
- width: 1800 mm.
- depth: 600 mm.
- height: 620/1000 mm.
**AF2 COMBINED SLUICE UNITS**
Machine, slop sink and basin

Available in the following versions:

**STANDARD VERSION** - Manual opening and closing:
- AF2-180B.G/V  
  Thermal disinfection with built-in steam generator.
- AF2-180B.V/V  
  Thermal disinfection with connection to a main steam supply.

**VERSION "A" COMFORT** - Automatic opening and closing:
- AF2-180BA.G/V  
  Thermal disinfection with built-in steam generator.
- AF2-180BA.V/V  
  Thermal disinfection with connection to a main steam supply.

**VERSION "AT" COMFORT** - With bedpan holder with PATENTED automatic spin:
- AF2-180BAT.G/V  
  Thermal disinfection with built-in steam generator.
- AF2-180BAT.V/V  
  Thermal disinfection with connection to a main steam supply.

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**AF2-225B/W COUNTER TOP BEDPAN WASHER**

**AF2-225L/W COUNTER TOP BEDPAN WASHER**

Combined sluice unit with slop sink. Washer disinfector machine AF2-90/970 with plinth.  
Work table with basin dim. mm 500 x 400 x 250.  
Base under basin with 2 side-hung doors (900 mm).  
The L/W version has one additional basin dim. mm. 290x350x170.  
Slop sink with ringwash system for washing the sink, connected to the bedpan washer's pump.  
Dimensions:  
width: 2250 mm.  
deepth: 600 mm.  
height: 620/1000 mm.

Available in the following versions:

**STANDARD VERSION** - Manual opening and closing:
- AF2-225B.G/W  
  Thermal disinfection with built-in steam generator.
- AF2-225B.V/W  
  Thermal disinfection with connection to a main steam supply.

**VERSION "A" COMFORT** - Automatic opening and closing:
- AF2-225BA.G/W  
  Thermal disinfection with built-in steam generator.
- AF2-225BA.V/W  
  Thermal disinfection with connection to a main steam supply.

**VERSION "AT" COMFORT** - With bedpan holder with PATENTED automatic spin:
- AF2-225BAT.G/W  
  Thermal disinfection with built-in steam generator.
- AF2-225BAT.V/W  
  Thermal disinfection with connection to a main steam supply.
The European standard EN15883 part 3 states that manual emptying of the containers should be avoided whenever possible. For that reason AT-OS has designed machine supports to avoid manual emptying of containers. Together with the AF2 machines we deliver supports in conformity with the individual requirements of our customers. The capacious wash chamber enables the washing of more than one container per cycle.

AF20 Standard support:
• Bedpan and urinal.
• Commode and urinal.
• Bedpan with cover and urinal.
• Commode with cover and urinal.

The urinals are emptied automatically during the closing of the door. It is possible to wash up to 4 urinals per cycle.
Further accessories

Storage shelf for bedpans and urinals with removable dripping shelf mm. 900x375x600h.

Wall-hung cupboard with 2 doors mm 900x400x600h.

Storage shelf for bedpans and urinals with removable dripping shelf mm. 900x375x600h.

Storage shelf for bedpans and urinals with removable dripping shelf mm. 450x375x600h.

The use of the highly concentrated softener ATOS DECALCENEX and detergent ATOS-CLEAR guarantees a better washing result and a longer life of our machines. These liquids are provided by us in 5 litre cans.

Combined sluice units: slop sink, bedpan washer AF2, cupboard with basin, open storage shelf and closed cupboard on the top.
HIGHLY ADVANCED TECHNOLOGY FOR THE "TOP" 2 PRODUCTS

AF2X

200% loading capacity
50% consumption of energy

The new bedpan washer AF2X AUTOMATICALLY EMPTIES, WASHES and DISINFECTS 2 BEDPANS + 2 URINALS in a single cycle!

The AF2X machine has been designed to reduce consumption rates, to cut down operating costs, to gain time and this in accordance to the European Standards.

On request entire catalogue for the product line AF2X.

AF2-6OPET

The support, thanks to the patented AT-OS rotating support system, is turned through 180° in order to avoid the spilling of organic waste and to guarantee more security for the user.

On request entire catalogue for the product line AF2X.
AT-OS, your partner in every situation

HOSPITAL EQUIPMENT PROGRAM

FMS WASHING AND DISINFECTION PROGRAM

STERILIZATION AND DISINFECTION PROGRAM FOR DENTAL SURGERIES

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The management reserves the right to make technical changes without prior notice.