

AWD655

AT-OS instruments washer disinfecter

AT-OS instruments washer disinfecters have been developed to meet hygiene standards: ISO Standard EN-ISO 15883-1/2.

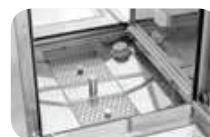
As a result of using the highest technologies, the AWD655 are developed to offer different models, suitable for the huge variety of instruments found in hospital departments, dental clinics, surgical and central sterilization rooms, satisfying all kinds of medical requests.

The large choice of washing baskets allows the washing, disinfection and drying of the most sophisticated instruments, such as the tubular ones.



Fully automatic, programmable and Microprocessor controlled:

- 20 standard programs + 20 available for customization. The number of programs can be customized changing different parameters.
- The user can select a specific program according to his needs.
- The machine has an automatic control system of the spray arms, which stops the cycle in case of anomalies.
- The continuous monitoring of water pressure and of every washing parameter ensures the validation of every cycle.



Automatic washing insert recognition:

The machine recognizes which trolley was inserted and starts the corresponding program, eliminating the possibility of an error by the user.



Touch panel with color graphic display:

- The unit is available as a single door or a pass-through design.
- Graphic flat screen monitors the parameters of the cycle, all alarms messages and the user manual.
- Pass-through design has flat screen monitors on both sides.



5-LEVELS WASHING TROLLEY



MINI INVASIVE AND TUBULAR SURGERY WASHER TROLLEY



SHOES WASHER SUPPORT STRUCTURE



TROLLEY FOR DENTAL INSTRUMENTS



Detergent Cabinet:

- Dosing pumps complete with flowmeters and sensors.
- Door lock to restrict access to authorized personnel only.
- Removable bottom detergent tray for easy cleaning.
- Tank capacity: 5l.



Hybrid heating system: steam-electric

Optimization of energy consumption using a steam supply to heat water for thermal disinfection up to 95°C. In case of steam failure, electric heating will be activated.



Drying with HEPA filter H14:

All instruments are perfectly dried inside and outside at the end of the cycle. Drying time and temperature are also adjustable from the front control panel.



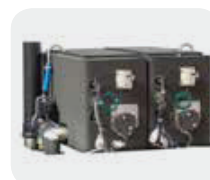
Condenser ESS (Energy Saving System):

- Built-in condenser to eliminate the exceeding steam coming out from the washing chamber, with a drain for any excess of water that may form.
- ECS system uses the heat of the condenser to ease air warming during the drying phase, and water warming during its loading. Energy saving is thus guaranteed.



Speed Cycle Concept

- Additional tanks allow the pre-heating of water to speed up the washing steps
- The total time of the cycle is reduced up to 50%
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2-LEVELS TROLLEY FOR BABY BOTTLES



ANESTHESIA TROLLEY



TROLLEY FOR CONTAINER WASHING



TROLLEY FOR LABORATORY GLASSWARE WASHING

AWD655-2 TABLE-TOP AND UNDERCOUNTER

~65 Lt.

Manual glass door table-top and undercounter machine for dental clinics and ward department.
Large variety of baskets to wash and disinfect all kinds of surgical instruments, handpieces and accessories.

AWD655-2



► Dimension (WxDxH mm) 595x540x600

AWD655-2H



► Dimension (WxDxH mm) 595x540x850



STANDARD BASKET



BASKET FOR 9 HANDPIECES



INSERT FOR VERTICAL INSTRUMENTS

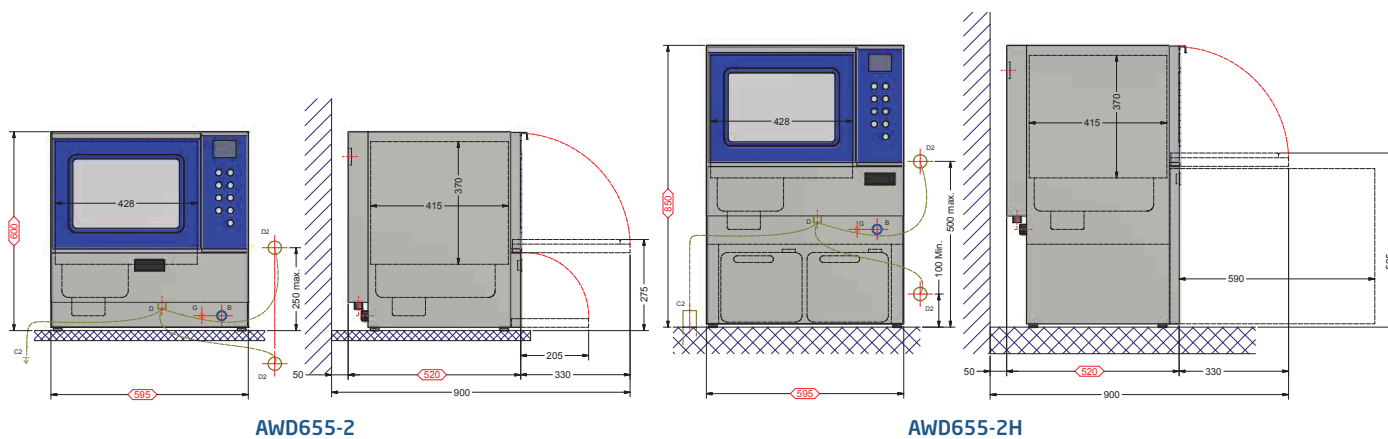


INSERT FOR TRAYS

TECHNICAL FEATURES

• standard | + optional | / not available

| TECHNICAL FEATURES | AWD655-2 | AWD655-2H |
|--|----------|-----------|
| External Lab. Certificate for validation of Type Test according to Norms EN ISO 15883-1/2 | • | • |
| DVGW Certificate plumbing system, designed to isolate the potable water pipeline system (water gap) as prescribed by European Standard EN 1717 | • | • |
| Manual door with interlock | • | • |
| Wash chamber made of high quality stainless steel, AISI 316L | • | • |
| Chamber wash pump flow rate | 80 L/mn | 80 L/mn |
| Drying fan flow rate with HEPA filter H13 | 50 m³/h | 50 m³/h |
| Absorbed power | 2,3 kW | 2,3 kW |
| USB SLAVE interface for PC | 2 | 2 |
| USB HOST interface for FLASH DRIVE | 2 | 2 |
| RS232 Interface for external cycles documentation | 2 | 2 |
| Parallel Interface for printer | 1 | 1 |
| Touch panel with color graphic display | 1 | 1 |
| Dosing pumps for detergents (standard/optional) max 2 with flowmeters and sensors | 1/2 | 1/2 |
| Conductivity measurement | + | + |
| Chamber LED light | + | + |
| Demi connection | + | + |
| Detergent tank | 1 L | 5 L |



| | | | | | |
|---|--|----|--|----|--|
| A | HOT WATER CONNECTION-3/4"G (TUBE 1/2"G) | D2 | DRAIN DN 40 - HOSE CONNECTION 25mm (AT WALL) | C2 | DRAIN DN 40 - HOSE CONNECTION 25mm (AT WALL) |
| B | COLD WATER CONNECTION-3/4"G (TUBE 1/2"G) | G | ELECTRICAL CONNECTION | | |