

# PROHS®

## Instruments Washer Disinfectors

CE  
0123

PROHS Equipamento Hospitalar  
e Serviços Associados, S.A.

Rua do Castanhal 316  
Zona Industrial Maia I, sector II  
4475-122 Maia, Portugal

| T | +351 229 059 170  
| F | +351 229 015 900  
| E | prohs@prohs.pt  
| W | www.prohs.pt



# Instruments Washer Disinfectors

PROHS instrument washer disinfectors have been developed to meet the high hygiene Standard EN-ISO 15883-1/2, produced with a user friendly interface and easy to meet installation and space requirements.

They answer all kinds of requests of the medical and laboratory field offering different models and different models and a large choice of washing trolleys, suitable for the several instruments and glasses found in hospital departments, clinics, central sterilization rooms and laboratories.

## Technical Characteristics

- Chamber manufactured in stainless steel AISI 316L and frame built in stainless steel AISI 304.
- Doors are made using 2 panes of tempered glass, allowing visibility to the inside the chamber (LED light in chamber optionally)
- The unit is available as a single door or as a double door (passthrough).
- Controlled by a programmable microprocessor, allowing a fully automatic operation.
- Includes 40 programs, 20 are standard and the remaining 20 are customizable upon request of the customer.
- Touch panel with color graphic screen, displays all parameters of the cycle and all alarm messages.
- The printer is located on the "clean side" where trays are unloaded at the end of a program.
- Very accurate dosing pumps, controlled by flow meters and sensors.
- Installed with integrated water softener.
- Multiple external connections such as, USB slave Interface for PC, USB host for flash drive and RS232 connection to external cycles documentation.
- Drying fan flow rate with HEPA filter H14.
- All instruments are perfectly dried in and out at the end of the cycle. Drying time and temperature are also adjustable from the front control panel.
- Speed-cycle (SC) option reduces the cycle duration up to 50% using an extra tank and boiler to pre-heat water and speed-up the program phases.
- Built-in condenser to eliminate the exceeding steam coming out from the washing chamber with drain.
- Condenser ESS (Energy Saving System). Using the heat of the condenser in order to simplify the air warming during the drying and the water warming during the loading.

## External Connections

Power Supply: 400/220 V ~ 3 ph - 50/60 Hz  
Water (Cold / Hot / Demineralized): 1 / 2"  
Sewer ø: 40 mm temperature resistant material

## Certificates

Directive 93/42/EEC • EN ISO 15883-1/2

## PROHS WD-8 (165L)

Small range automatic washer disinfectors, equipped with single manual glass door and four washing levels.

Despite requiring little installation space, it guarantees a high disinfection capacity of up to 8 DIN baskets per cycle, being the optimal solution for small clinics or laboratories.

### Specific Technical Characteristics

- 2 standard dosing pumps (acid and alkaline)
- Washing pump - 400L/min
- Drying fan - 150m<sup>3</sup>/h

### Options (Both Models)

- Possibility to add up to 2 extra dosing pumps
- Chamber LED light
- Washing Trolley Recognition
- Spray Arm Monitoring
- Empty Total System
- Advanced Disinfection Control using Conductivity Sensor

PROHS WD-8



PROHS WD-8L



Dim. (WxDxH mm): 600x650x860

## PROHS WD-10 (265L)

Medium range automatic washer disinfector, can be manufactured with single or double glass door that can operate manually or automatically for a maximum of six washing levels.

Despite requiring only moderate installation space, it guarantees a high disinfection capacity of up to 12 DIN baskets per cycle, being the optimal solution for medium clinics, small CSSD or big laboratories.

### Specific Technical Characteristics

- 2 standard dosing pumps (acid and alkaline)
- Washing pump - 626L/min
- Drying fan - 150m<sup>3</sup>/h

### Options (Both models)

- Possibility to add up to 2 extra dosing pumps
- Chamber LED light
- Washing Trolley Recognition
- Spray Arm Monitoring
- Drain pump
- Empty Total System
- Advanced Disinfection Control using Conductivity Sensor
- Possibility of 2 extra boiler (hot and purified water) in the SC option

PROHS WD-10D  
(Manual Door)



PROHS WD-10AD SC  
(Automatic Door)



Dim. (WxDxH mm): 650x700x1850

PROHS WD-15AD



PROHS WD-15AD SC



Dim. (WxDxH mm): 1000x900x1900

## PROHS WD-15A (430L)

Large range automatic washer disinfector, equipped with single or double automatic glass door and six washing levels.

It guarantees a high disinfection capacity of up to 18 DIN baskets per cycle, being the optimal solution for big clinics, hospitals and Central Sterile Departments.

### Specific Technical Characteristics

- 2 standard dosing pumps (acid, alkaline)
- 2 washing pumps - 626L/min and 400L/min
- Drying fan - 300m<sup>3</sup>/h

### Options (Both models)

- Possibility to add up to 3 extra dosing pumps
- Chamber LED light
- Washing Trolley Recognition
- Spray Arm Monitoring
- Drain pump
- Empty Total System
- Advanced Disinfection Control using Conductivity Sensor
- Possibility of 3 extra boilers (hot, purified and cold water) in the SC option

# WASHING TROLLEYS AND ACCESSORIES



4 Levels washing trolley



5 Levels washing trolley



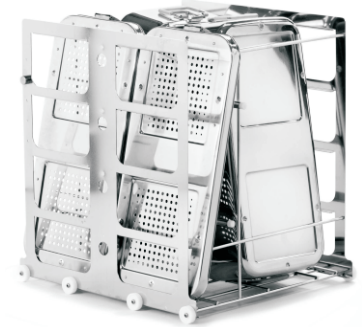
Anesthesia trolley



Mini invasive and tubular  
Surgery washer trolley



Shoes washer support structure



Trolley for container washing



Laboratory washer trolley  
Total levels with injector



Baby bottles trolley



Glass washer trolley



Laboratory washer trolley  
Mixed levels configuration



Load / unload trolley



DIN Basket with handles

**Note**

Many other trolleys and accessories available for medical and laboratory use. Please contact us for the full list.

Due to product improvement and development, PROHS reserves the right to make changes without notice.

