

Undercounter washer disinfectors

The daily disinfection of surgical instruments in an effective and safe manner is a fundamental prerogative of hospitals. Smeg washer disinfectors ensure optimal hygienic conditions for CSSDs.

Key features

- **LCD DISPLAY:**
The user interface with colour touch on glass display allows for simple and intuitive daily use.
- **CUSTOM PROGRAMMES:**
The operator has at his disposal a complete range of 20 default and 20 customisable programmes to meet every need.
- **SAFE OPERATIONS:**
The AISI316 internal washing chamber and the electronic door lock system ensure safe operations daily also, an electronic control system signals any cycle execution errors.
- **USB PORT:**
The machine's equipment includes a USB port for convenient and efficient hospital data recording as well as optional RS232 port for printer connection.



Available versions

GLASS DOOR WASHER DISINFECTORS

The Concept Line washer disinfectors with glass door combine the strength of stainless steel with the transparency of glass, providing a clear view of the washing process and simplifying the control of the operation.



STAINLESS STEEL DOOR WASHER DISINFECTORS

The Concept Line washer disinfectors with stainless steel door guarantee a long service life thanks to the quality of the materials used. The stainless steel door gives the machine a modern and professional look, perfect for any health center looking for reliability and optimum performance.



Accessories for undercounter washer disinfectors



CSK4BMIC

Two-level washing trolley suitable for disinfection of specific supports and/or baskets holding instruments.



KITMIC10

Cannulate instruments basket.



CSK8B

Four-level washing trolley suitable for disinfection of specific support and/or baskets holding instruments.



ZCS3B

Two-level trolley for operating room shoe washing. Up to 14 pairs – maximum shoe size 45.



AE2BDS

Anesthesia set washing trolley with drying system.



EF5DS

Rigid videolaparoscope and endoscope trolley with drying connector.

Key features of the full range

HIGH-CAPACITY WASHER DISINFECTORS

Technical features	WD6010	WD7010	WD7015	WD7015TECO
External dimensions WxDxH (mm)	650x720x1950	780x800x1950	900x1000x1950	900x1000x2170
Internal dimensions WxDxH (mm)	550x620x685	550x620x685	626x812x685	626x812x685
TFT display	■	■	■	■
Door	2 glass, drop-down doors	2 glass, sliding doors	2 glass, sliding doors	2 glass, sliding doors
AISI 304 stainless steel external panels and AISI 316L stainless steel washing chamber	■	■	■	■
Detergent cabinet	■	■	■	■
Absolute H14 HEPA filter	■	■	■	■
Washing chamber net volume (L)	234	234	348	348
Electronic door lock, for user safety	■	■	■	■
Cycle progress light and end-of-cycle sound indication	■	■	■	■
ECO system for energy saving and consumption reduction	-	-	-	■
Switchable from three-phase to threephase without neutral 230 V 3~ / PE / 50 Hz / 19 A 7.0 kW (**);	-	■	■	■

UNDERCOUNTER WASHER DISINFECTORS

Technical features	WD1245 CONCEPT LINE	WD1260 CONCEPT LINE	WD4260 CONCEPT LINE	WD4290 CONCEPT LINE	WD5090T PROFESSIONAL LINE
External dimensions WxDxH (mm)	450x620x850	600x600x850	600x600x850	900x600x1950	900x640x850
Internal dimensions WxDxH (mm)	370x480x570	525x490x570	525x490x570	525x490x570	525x490x570
Front panel in glass with LCD display and USB frontal port	■	■	■	■	-
Available with glass door	-	-	■	■	-
AISI 304 stainless steel external panels and AISI 316L stainless steel washing chamber	■	■	■	■	■
Detergent cabinet	-	-	-	■	■
Absolute H14 HEPA filter	-	-	■	■	■
Integrated water softener	■	■	■	■	■
Electronic door lock, for user safety	■	■	■	■	■
Cycle progress light and end-of-cycle sound indication	■	■	■	■	■
Installable peristaltic pumps	2	UP TO 3	UP TO 3	UP TO 4	UP TO 5
Switchable from three-phase to threephase without neutral 230 V 3~ / PE / 50 Hz / 19 A 7.0 kW (**)	-	■	■	■	■

■ present feature - not present feature

WD1245

CONCEPT LINE

Compact washer disinfector - 45 cm

- washing up to 95 °C - antibacterial thermal disinfection
- user interface with touch on glass colour display, simultaneous display on three independent levels of the operating parameters (program, progress status, temperature/remaining time/Ao/peristaltic pumps dosage, etc.)
- provided with a visual and acoustic communication system for operativity and alarms
- microprocessor electronic control provided with 3 safety levels for parameters editing and adjusting
- internal memory for cycles, parameters and alarms datalogging
- provided with software to connect the device and monitoring cycles and parameters
- RS232 port (printer connection) optional
- high efficiency steam condenser Ecoslim, with cold water injection
- peristaltic dosing pump for liquid detergent, with level sensor and dosing control (flow switch)
- peristaltic dosing pump for acid liquid neutralizer, with level sensor - dosing control (flow switch) optional
- incorporated high efficiency water softener with salt sensor
- communication via display of the progressive status of the washing cycle
- possibility to cool the drain water up to 65°C
- electronic door lock system for user safety
- cold water and demineralized water connections as default configuration
- chamber capacity 101 litres
- electrical connection: 1/N/PE 230 V - 50 Hz - 2,8 kW max
- 60 Hz version available
- Schuko plug 16 A - 250 V included
- chamber configuration with rails
- upper and lower trolleys D-CS1 and D-CS2 included



D-CS1

Upper trolley with sprayer 45 cm.
Suitable for holding of supports and baskets.



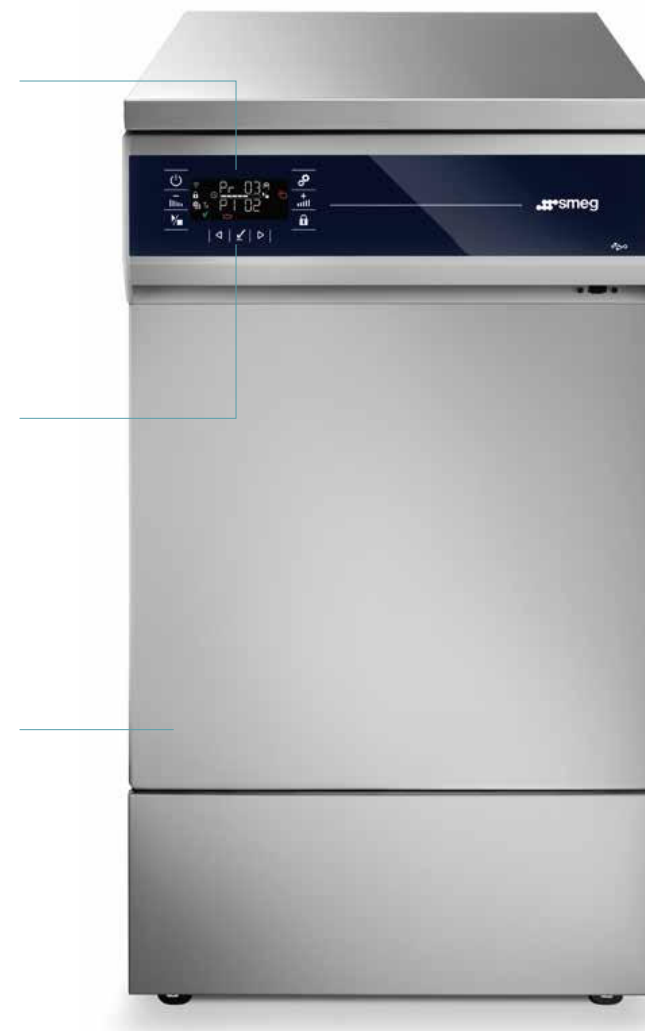
D-CS2

Lower trolley 45 cm.
Suitable for holding of supports and baskets.

**DISPLAY FRONT PANEL
IN GLASS WITH LCD
DISPLAY AND USB
FRONTAL PORT FOR
CONNECTIVITY**

**AVAILABLE PROGRAMS
20 DEFAULT + 20 CUSTOM
+ 3 FOR SERVICE**

**WASHING CHAMBER
AND INTERNAL DOOR
IN AISI 316L STAINLESS
STEEL AND EXTERNAL
PANELS MADE OF AISI
304 STAINLESS STEEL**



External dimensions WxDxH	450x620x850 mm
Internal working dimensions WxDxH	370x480x570 mm

WD1260

CONCEPT LINE

Washer disinfectator

- washing up to 95 °C - antibacterial thermal disinfection
- user interface with touch on glass colour display, simultaneous display on three independent levels of the operating parameters (program, progress status, temperature/remaining time/Ao/peristaltic pumps dosage, etc.)
- provided with a visual and acoustic communication system for operativity and alarms
- microprocessor electronic control provided with 3 safety levels for parameters editing and adjusting
- internal memory for cycles, parameters and alarms datalogging
- provided with software to connect the device and monitoring cycles and parameters
- RS232 port (printer connection) optional
- high efficiency steam condenser Ecoslim, with cold water injection
- peristaltic dosing pump for liquid detergent, with level sensor and dosing control (flow switch)
- peristaltic dosing pump for acid liquid neutralizer, with level sensor - dosing control (flow switch) optional
- possibility of installing 1 additional peristaltic pump with related level sensor - dosing control as optional
- incorporated high efficiency water softener with salt sensor
- communication via display of the progressive status of the washing cycle
- possibility to cool the drain water up to 65°C
- electronic door lock system for user safety
- cold water and demineralized water connections as default configuration
- hot water connection (optional)
- default electrical connection: 3/N/PE 400 V - 50 Hz - 7 kW max
- convertible in single phase: 1/N/PE 230 V - 50 Hz - 2,8 kW max with dedicated optional kit. Art. WD-EC-1
- convertible in tri-phase w/o neutral: 230V 3~ - 50Hz - 19A - 7 kW max with dedicated optional kit. Art. WD-EC-3
- 60 Hz version available
- chamber capacity 147 litres
- chamber configured without rails

Version	FORCED HOT AIR- DRYING SYSTEM	NEUTRALIZER DOSING PUMP	DETERGENT DOSING PUMP	ADDITIONAL DOSING PUMP	STEAM CONDENSER	GLASS DOOR
WD1260-SC-000	-	▪	▪	▣	▪	-

▪ standard feature ▣ optional features (some can only be installed in the factory at the time of ordering)
- feature not provided and not installable

DISPLAY FRONT PANEL
IN GLASS WITH LCD
DISPLAY AND USB
FRONTAL PORT FOR
CONNECTIVITY

AVAILABLE PROGRAMS:
20 DEFAULT + 20 CUSTOM
+ 3 FOR SERVICE

WASHING CHAMBER
AND INTERNAL DOOR
IN AISI 316L STAINLESS
STEEL AND EXTERNAL
PANELS MADE OF AISI
304 STAINLESS STEEL



External dimensions WxDxH	600x600x850 mm
Internal working dimensions WxDxH	525x490x570 mm

WD4260

CONCEPT LINE

Washer disinfectator with drying system

- washing up to 95 °C - antibacterial thermal disinfection
- user interface with touch on glass colour display, simultaneous display on three independent levels of the operating parameters (program, progress status, temperature/remaining time/Ao/peristaltic pumps dosage, etc.)
- provided with a visual and acoustic communication system for operativity and alarms
- microprocessor electronic control provided with 3 safety levels for parameters editing and adjusting
- internal memory for cycles, parameters and alarms datalogging
- provided with software to connect the device and monitoring cycles and parameters
- RS232 port (printer connection) optional
- forced hot air-drying system with absolute H14 HEPA filter
- high efficiency steam condenser Ecoslim, with cold water injection
- peristaltic dosing pump for liquid detergent, with level sensor and dosing control (flow switch)
- peristaltic dosing pump for acid liquid neutralizer, with level sensor - dosing control (flow switch) optional
- possibility of installing 1 additional peristaltic pump with related level sensor - dosing control as optional
- incorporated high efficiency water softener with salt sensor
- communication via display of the progressive status of the washing cycle
- possibility to cool the drain water up to 65°C
- electronic door lock system for user safety
- cold water and demineralized water connections as default configuration
- hot water connection (optional)
- default electrical connection: 3/N/PE 400 V - 50 Hz - 7 kW max
- convertible in single phase: 1/N/PE 230 V - 50 Hz - 2,8 kW max with dedicated optional kit. Art. WD-EC-1
- convertible in tri-phase w/o neutral: 230V 3~ - 50Hz - 19A - 7 kW max with dedicated optional kit. Art. WD-EC-3
- 60 Hz version available
- chamber capacity 147 litres
- chamber configured without rails

Version	FORCED HOT AIR- DRYING SYSTEM	NEUTRALIZER DOSING PUMP	DETERGENT DOSING PUMP	ADDITIONAL DOSING PUMP	STEAM CONDENSER	GLASS DOOR
WD4260-SC-000	▪	▪	▪	▫	▪	-
WD4260-SC-00G	▪	▪	▪	▫	▪	▪

▪ standard feature ▫ optional features (some can only be installed in the factory at the time of ordering)
- feature not provided and not installable

DISPLAY FRONT PANEL
IN GLASS WITH LCD
DISPLAY AND USB
FRONTAL PORT FOR
CONNECTIVITY

AVAILABLE PROGRAMS:
20 DEFAULT + 20 CUSTOM
+ 3 FOR SERVICE

WASHING CHAMBER
AND INTERNAL DOOR
IN AISI 316L STAINLESS
STEEL AND EXTERNAL
PANELS MADE OF AISI
304 STAINLESS STEEL



External dimensions WxDxH	600x600x850 mm
Internal working dimensions WxDxH	525x490x570 mm

WD4290

CONCEPT LINE

Washer disinfecter with drying system and detergent cabinet

- washing up to 95 °C - antibacterial thermal disinfection
- user interface with touch on glass colour display, simultaneous display on three independent levels of the operating parameters (program, progress status, temperature/remaining time/Ao/peristaltic pumps dosage, etc.)
- provided with a visual and acoustic communication system for operativity and alarms
- microprocessor electronic control provided with 3 safety levels for parameters editing and adjusting
- internal memory for cycles, parameters and alarms datalogging
- provided with software to connect the device and monitoring cycles and parameters
- forced hot air-drying system with absolute H14 HEPA filter
- high efficiency steam condenser Ecoslim, with cold water injection
- peristaltic dosing pump for liquid detergent, with level sensor and dosing control (flow switch)
- peristaltic dosing pump for acid liquid neutralizer, with level sensor - dosing control (flow switch) optional
- possibility of installing 2 additional peristaltic pumps with related level sensor - dosing control (for P3 only) as optional
- incorporated high efficiency water softener with salt sensor
- communication via display of the progressive status of the washing cycle
- possibility to cool the drain water up to 65°C
- electronic door lock system for user safety
- cold water and demineralized water connections as default configuration
- hot water connection (optional)
- default electrical connection: 3/N/PE 400 V - 50 Hz - 7 kW max
- convertible in single phase: 1/N/PE 230 V - 50 Hz - 2,8 kW max with dedicated optional kit. Art. WD-EC4290-1
- convertible in tri-phase w/o neutral: 230V 3~ - 50Hz - 19A - 7 kW max with dedicated optional kit. Art. WD-EC4290-3
- chamber capacity 147 litres
- chamber configured without rails

Version	FORCED HOT AIR-DRYING SYSTEM	NEUTRALIZER DOSING PUMP	DETERGENT DOSING PUMP	ADDITIONAL DOSING PUMP (*)	STEAM CONDENSER	GLASS DOOR
WD4290-SC-000	▪	▪	▪	◻	▪	-
WD4290-SC-00G	▪	▪	▪	◻	▪	▪

▪ standard feature ◻ optional features (some can only be installed in the factory at the time of ordering)
- feature not provided and not installable

(*) peristaltic pump for lubricant - peristaltic pump for disinfectant

DISPLAY FRONT PANEL IN GLASS
WITH LCD DISPLAY AND USB
FRONTAL PORT FOR CONNECTIVITY

AVAILABLE PROGRAMS:
20 DEFAULT + 20 CUSTOM
+ 3 FOR SERVICE



WASHING CHAMBER AND INTERNAL
DOOR IN AISI 316L STAINLESS STEEL
AND EXTERNAL PANELS MADE OF
AISI 304 STAINLESS STEEL

DETERGENT COMPARTMENT
WITH FRONT TELESCOPIC OPENING,
CAPACITY OF 2 5-LITRE CANISTERS
(UP TO 4 CANISTERS WITH OPTIONAL
ITEM TANKBSK)

External dimensions WxDxH	900x600x850 mm
Internal working dimensions WxDxH	525x490x570 mm

WD5090T

PROFESSIONAL LINE

Washer disinfecter with drying system and detergent cabinet

- washing up to 95 °C - antibacterial thermal disinfection
- programs: 20 default + 10 custom
- n. 3 microprocessors programmable electronic control
- multi-language LCD graphic display, 128x64 pixel
- serial port RS232 for connection to external printer or PC
- forced hot air-drying system with absolute H14 HEPA filter
- high efficiency steam condenser Ecoslim, with cold water injection
- peristaltic pump for liquid detergent and level sensor
- peristaltic pump for liquid neutralizer and level sensor possibility of installing up to 3 additional peristaltic pumps
- upper level can holder basket for detergent compartment optional (art. TANKBSK)
- incorporated high efficiency water softener with salt sensor
- possibility to cool the drain water up to 65°C
- double drain valve (optional)
- conductivity sensor (optional)
- electronic door lock system for user safety
- default electrical connection: 3/N/PE 400 V - 50 Hz - 7 kW max
- cold water and demineralized water connections as default configuration
- convertible in single phase: 1/N/PE 230 V - 50 Hz - 2,8 kW max
- 60 Hz version available
- chamber capacity 147 litres
- chamber configured without rails

Version	NEUTRALIZER DOSING PUMP	DETERGENT DOSING PUMP	ADDITIONAL DOSING PUMP (*)	STEAM CONDENSER	UPPER-LEVEL CAN HOLDER BASKET	INTEGRATED PRINTER
WD5090T	▪	▪	◻	▪	◻	◻
WD5090TFO	▪	▪	▪	▪	▪	▪

▪ standard feature ◻ optional features (some can only be installed in the factory at the time of ordering)
- feature not provided and not installable

(*) peristaltic pump for lubricant - peristaltic pump for disinfectant

FORCED HOT AIR-DRYING SYSTEM WITH ABSOLUTE H14 HEPA FILTER

POSSIBILITY OF INSTALLING UP TO 3 ADDITIONAL PERISTALTIC PUMPS



WASHING CHAMBER AND INTERNAL DOOR IN AISI 316L STAINLESS STEEL AND EXTERNAL PANELS MADE OF AISI 304 STAINLESS STEEL

DETERGENT COMPARTMENT WITH FRONT TELESCOPIC OPENING, CAPACITY OF 2 5-LITRE CANISTERS (UP TO 4 CANISTERS WITH OPTIONAL ITEM TANKBSK)

External dimensions WxDxH	900x640x850 mm
Internal working dimensions WxDxH	525x490x570 mm

Detergents

The use of specific chemical products is essential to obtain accurate washing of any surgical device. Detergents and neutralizing agents are especially studied to answer all kind of washing needs, thus ensuring quality of the result, consumption decrease and environment safeguard.



HIGH LEVEL OF CLEANLINESS AND PERFORMANCE

Smeg's range of **specific detergents** combined with specific programmes guarantee high standards of cleanliness and, consequently, excellent performance in medical applications, pharmaceutical production and labs.



ENVIRONMENTAL SUSTAINABILITY

The entire Smeg supply chain follows **sustainability criteria**, choosing to develop new **products with Green principles**, reducing components that pollute or can harm humans.



WASHING QUALITY

The use of specific detergents is essential to achieve **thorough washing** of instruments, bedpans, bed urinals and glassware. For this, Smeg has a complete range specially designed for these appliances.



HIGH LEVEL OF DISINFECTION

Smeg also offers a **disinfectant dedicated to the treatment of thermolabile instruments**, such as clogs, and anaesthesia tools, which assists the thermodisinfectant process of specific dedicated programmes.

DETERGENTS AND NEUTRALISING AGENTS ARE SPECIALLY DESIGNED TO MEET ALL DIFFERENT TYPES OF WASHING NEEDS.

- ▶ Product (M.D.) designed for the medical sector
- ▶ Product designed for the laboratory and pharmaceutical sector
- ▶ Product designed for washing in bedpan washer disinfectors

DETERGENT DENTALZYM5

Mild non-aggressive detergent for removal of dry and coagulated blood residues from instruments. 5 litres container.

ph 8,3

ACID

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BASIC

ph 2,4

LIQUID ACID NEUTRALISERS ACIDGLASS C2

Weak organic acid neutralizer, phosphates free. Recommended for restoring the pH value in the tank after washing with a specific alkaline washer disinfectant detergent. 5 litres container.

ALKALINE DETERGENTS DETERLIQUID C2

Universal liquid alkaline detergent. Recommended for various types of dirt, especially blood, organic and bone residues. 5 litres container, phosphate-free.

ph 13,1

Detergents



DETERLIQUID C2

A multifunctional detergent with a very basic pH ideal for washing surgical instruments in instrument washer disinfectors but also glassware in glassware washers. Its flexible formula allows the removal of various types of residues. **Do not use on anodised aluminium.** Available in 5 l canister.



DETERLIQUID I2

A chlorine-based detergent specifically designed for washing in glassware washers. Its very basic pH composition is ideal for washing glassware and removing stubborn dirt. The combined action with chlorine allows sanitising of the treated objects. **Do not use on anodised aluminium.** Available in 5 l canister.



DENTALZYM5

An enzyme-based detergent specifically designed for washing in instrument washer disinfectors. The action of the water combined with the product allows dirt to be removed and all surgical and general instruments to be washed effectively and non-aggressively. Available in 5 l canister.



DETERLIQUID SP2

Detergent specifically designed for washing in glassware washers. Its basic pH composition is ideal for washing glassware and removing non particularly stubborn dirt. The special formula of Deterliquid SP2 prevents residues from being deposited on glassware, so it is highly recommended in the case of glassware that have to contain substance that is to be analysed in laboratories, so as not to interfere with the final test results. **Do not use on anodised aluminium.** Available in 5 l canister.

Neutralising agents



ACIDGLASS C2

Green acid neutraliser specially designed for neutralisation steps characterised by the need for a gentle action of the product on the components in the washing chamber. Because of this, it can be used on a wide range of materials. It is also a phosphate-free product. Excellent for both instrument and glassware washer disinfectors. Available in 5 l canister.



ACIDGLASS P2

An acid-based neutraliser that combines two active ingredients in order to remove residues in the wash chamber more effectively after the cleansing phase. Ideal especially for the laboratory sector where its special formula allows a stronger neutralisation than a classic single-component product. Available in 5 l canister.

Check with the manufacturer of the instrument/glassware/tools whether it can be washed in automatic machines and whether it is compatible with Smeg products.