



**Price list**

Washing and  
disinfection in the  
laboratory sector

**2018**

# GENERAL SALES CONDITIONS

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## 1. Offers and order confirmations

- 1.1. Conditions cited herewithin are to be applied on all contracts and are intended to be accepted by the buyer for order transmission.
- 1.2. Any exceptions to conditions shall not be applicable without our written consent.
- 1.3. Contracts made with our agents and representatives are not definitive and are subject to our approval.

## 2. Prices and transport

- 2.1 VAT tax must be included to prices listed here within, according to current tax rates at the time of invoicing.
- 2.2 Prices do not include transport.
- 2.3 Any transport insurance shall be at the expense and care of the buyer, with the exception of expressly agreements made otherwise. The same is valid for deliveries made via sea, and therefore any claims shall be made by the addressee directly to the Insurance Company and the Navigation Company.

## 3. Claims and returns

- 3.1 No claims made after eight days from the receipt of goods shall be accepted. In case of claims made in due time, goods must be kept whole at our disposition for verification. Any material defects, faults not noted by us, errors or dimensions exceeding normal manufacturing tolerances which may be noted upon delivery shall only oblige us to a simple replacement of defective material without any right of refusal for any damages.
- 3.2 Returns for reimbursement shall not be accepted. Returns for goods replacement shall not be accepted if not previously authorised by SMEG S.p.A. Authorised returns shall be checked by our employees before delivery and must arrive entirely integral and intact in their packaging and with carriage paid. All authorised returns for exchange which take place after 3 months from purchase shall automatically involve a credit for value less than 15% with respect to the price at purchase.
- 3.3 Returned goods shall always be carriage paid.

## 4. Terms of delivery

- 4.1 Terms of delivery are indicative and are not essential to manufacturing. Any delays shall not give the right for any order cancellation by the buyer, nor any allowance for refusal for damage.
- 4.2 Strikes, railway interruptions, mechanical breakdowns and all other situations which may cause partial or total interruptions to work are to be considered force majeure which authorise the suspension of contractual executions.

## 5. Payment and expirations

- 5.1 Payment shall be carried out in the stipulated ways and forms at our operating headquarters in Via Leonardo da Vinci 4, Guastalla (RE). In case of payment delays, we reserve the right to sight draft, with the addition of interest on arrears and collection and tax expenses.
- 5.2 Lack of payment of invoices upon their expiration will automatically lead to suspension of deliveries relative to orders in progress.
- 5.3 Goods shall be considered as our property until final payment of the invoice has been completed.
- 5.4 In the event of payment delays, interest calculations shall be carried out at expiration with the application of taxes published in the Official Gazette in accordance with article 5, comma 2, Legislative Decree 09/10/2002 n.231.

## 6. Validity and competence

- 6.1 The buyer shall never invoke any agreements differing from or in addition to these GENERAL SALES CONDITIONS unless said agreement has been accepted via written consent by both parties.
- 6.2 Any claims are the exclusive competence of the Court of Reggio Emilia.
- 6.3 When placing an order, the addressee declares that he/she has understood and fully accepts all aforementioned conditions including any handwritten on the contract.

## 7. Product guarantee

- 7.1. Products are guaranteed for a period of 24 months upon presentation of proof of purchase, invoice and the machine serial number.

**PRICE LIST**  
(VAT NOT INCLUDED)  
**EUR**

**VALIDITY 01/07/2018**

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## Machines

### Thermal washer disinfectors

#### Basic line - glassware washer 45 cm

##### **GW2145** (art. 860454)

###### **LABORATORY GLASSWARE WASHER**

- washing up to 95°C - antibacterial thermal disinfection
- programs: 9 default + 6 custom
- microprocessor programmable electronic control
- serial port RS232 for connection to external printer or PC
- active thermodynamic drying
- alkaline powder detergent dispenser
- peristaltic pump for acid liquid neutralizer
- possibility of installing 1 additional peristaltic pump
- washing chamber and internal door in AISI 316L stainless steel
- external panels made of AISI 304 stainless steel
- n. 2 independent washing levels through telescopic guides
- external dimensions LxDxH: 450 x 620 x 850 mm
- internal working dimensions LxDxH: 370 x 480 x 570 mm
- incorporated water softener with salt sensor
- cold water and demineralized water connections
- electronic door lock system for user safety
- electrical connection: 1/N/PE 230 V - 50 Hz - 3,3 kW max
- 60 Hz version available
- Schuko plug 16 A - 250 V included
- upper and lower trolleys D-CS1 and D-CS2 included



###### **OTHER POSSIBLE CONFIGURATIONS**

**GW2145A**  
(art. 860698)

###### **LABORATORY GLASSWARE WASHER**

- booster pump for non-pressure demineralized water

**Machine optionals**

- P12145 - PERISTALTIC PUMP FOR LIQUID DETERGENT
- PAD1 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2R - PAD2 RELAY KIT
- PAD2X - ST. STEEL BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER - 60 HZ
- TOP45I - BUILT-IN TOP 45 CM
- WD-LS3060 - DETERGENT LEVEL SENSOR
- WD-PRINTE - EXTERNAL PRINTER

## Basic line - glassware washer 60 cm

### GW0160 (art. 860384)

#### LABORATORY GLASSWARE WASHER

- washing up to 85 °C - antibacterial thermal disinfection
- programs: 7 default
- microprocessor electronic control
- active thermodynamic drying
- alkaline powder detergent dispenser
- peristaltic pump for acid liquid neutralizer
- washing chamber and internal door in AISI 304 stainless steel
- external panels made of AISI 304 stainless steel
- n. 2 independent washing levels through telescopic guides
- external dimensions LxDxH: 600 x 600 x 850 mm
- internal working dimensions LxDxH: 525 x 490 x 570 mm
- incorporated water softener with salt sensor
- cold water and demineralized water connections
- electronic door lock system for user safety
- electrical connection: 3/N/PE 400 V - 50 Hz - 7 kW max
- single phase version available: 1/N/PE 230 V - 50 Hz - 2,8 kW max (GW0160-1)
- 60 Hz version available
- without trolleys



#### OTHER POSSIBLE CONFIGURATIONS

**GW0160A**  
(art. 860692)

#### LABORATORY GLASSWARE WASHER

- booster pump for non-pressure demineralized water

#### Machine optionals

- AS4060 - AQUA STOP WATER LEAK KIT
- B6040L - STAINLESS STEEL PLINTH FOR 60 CM MACHINES WITH LOCK
- IRCP - CEILING SPRAY ARM
- P14060 - PERISTALTIC PUMP FOR LIQUID DETERGENT
- PAD1 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2R - PAD2 RELAY KIT
- PAD2X - ST. STEEL BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER - 60 HZ
- T6040 - STAINLESS STEEL FRAME FOR 60 CM MACHINES
- TOP60I - BUILT-IN TOP 60 CM

## **GW0160S** (art. 860386)

### **LABORATORY GLASSWARE WASHER**

- washing up to 85 °C - antibacterial thermal disinfection
- programs: 7 default
- microprocessor electronic control
- active thermodynamic drying
- peristaltic pump for liquid detergent
- peristaltic pump for acid liquid neutralizer
- washing chamber and internal door in AISI 304 stainless steel
- external panels made of AISI 304 stainless steel
- n. 2 independent washing levels through telescopic guides
- external dimensions LxDxH: 600 x 600 x 850 mm
- internal working dimensions LxDxH: 525 x 490 x 570 mm
- incorporated water softener with salt sensor
- cold water and demineralized water connections
- electronic door lock system for user safety
- electrical connection: 3/N/PE 400 V - 50 Hz - 7 kW max
- single phase version available: 1/N/PE 230 V - 50 Hz - 2,8 kW max (GW0160S1)
- 60 Hz version available
- without trolleys



### **OTHER POSSIBLE CONFIGURATIONS**

**GW0160SA**  
(art. 860693)

#### **LABORATORY GLASSWARE WASHER**

- booster pump for non-pressure demineralized water

### **Machine optionals**

- AS4060 - AQUA STOP WATER LEAK KIT
- B6040L - STAINLESS STEEL PLINTH FOR 60 CM MACHINES WITH LOCK
- IRCP - CEILING SPRAY ARM
- PAD1 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2R - PAD2 RELAY KIT
- PAD2X - ST. STEEL BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER - 60 HZ
- T6040 - STAINLESS STEEL FRAME FOR 60 CM MACHINES
- TOP60I - BUILT-IN TOP 60 CM



## GW1160 (art. 860335)

### LABORATORY GLASSWARE WASHER

- washing up to 95°C - antibacterial thermal disinfection
- programs: 9 default + 6 custom
- microprocessor programmable electronic control
- serial port RS232 for connection to external printer or PC
- active thermodynamic drying
- alkaline powder detergent dispenser
- peristaltic pump for acid liquid neutralizer
- possibility of installing up to 2 additional peristaltic pumps
- washing chamber and internal door in AISI 316L stainless steel
- external panels made of AISI 304 stainless steel
- n. 2 independent washing levels through telescopic guides
- external dimensions LxDxH: 600 x 600 x 850 mm
- internal working dimensions LxDxH: 525 x 490 x 570 mm
- incorporated water softener with salt sensor
- cold water and demineralized water connections
- electronic door lock system for user safety
- electrical connection: 3/N/PE 400 V - 50 Hz - 7 kW max
- single phase version available: 1/N/PE 230 V - 50 Hz - 2,8 kW max (GW1160-1)
- 60 Hz version available
- without trolleys



### OTHER POSSIBLE CONFIGURATIONS

**GW1160A**  
(art. 860694)

#### LABORATORY GLASSWARE WASHER

- booster pump for non-pressure demineralized water

**GW1160C**  
(art. 860337)

#### LABORATORY GLASSWARE WASHER

- high efficiency steam condenser Ecoslim, with cold water injection

**GW1160CA**  
(art. 860695)

#### LABORATORY GLASSWARE WASHER

- high efficiency steam condenser Ecoslim, with cold water injection
- booster pump for non-pressure demineralized water

**Machine optionals**

- AS4060 - AQUA STOP WATER LEAK KIT
- B6040L - STAINLESS STEEL PLINTH FOR 60 CM MACHINES WITH LOCK
- FLUX4060 - DOSING CONTROL FOR ADDITIONAL PERISTALTIC PUMPS
- IRCP - CEILING SPRAY ARM
- P14060 - PERISTALTIC PUMP FOR LIQUID DETERGENT
- P34060 - PERISTALTIC PUMP FOR CAUSTIC SODA
- P44060 - PERISTALTIC PUMP FOR LIQUID ANTIFOAM
- PAD1 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2R - PAD2 RELAY KIT
- PAD2X - ST. STEEL BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER - 60 HZ
- T6040 - STAINLESS STEEL FRAME FOR 60 CM MACHINES
- TOP60I - BUILT-IN TOP 60 CM
- TRACELOG - REMOTE CONTROL AND TRACEABILITY SOFTWARE
- WD-LANE - DATA COMMUNICATION CARD
- WD-LS3060 - DETERGENT LEVEL SENSOR
- WD-PRINTE - EXTERNAL PRINTER

## GW1160S (art. 860336)

### LABORATORY GLASSWARE WASHER

- washing up to 95°C - antibacterial thermal disinfection
- programs: 9 default + 6 custom
- microprocessor programmable electronic control
- serial port RS232 for connection to external printer or PC
- active thermodynamic drying
- peristaltic pump for liquid detergent
- peristaltic pump for acid liquid neutralizer
- possibility of installing one additional peristaltic pump
- washing chamber and internal door in AISI 316L stainless steel
- external panels made of AISI 304 stainless steel
- n. 2 independent washing levels through telescopic guides
- external dimensions LxDxH: 600 x 600 x 850 mm
- internal working dimensions LxDxH: 525 x 490 x 570 mm
- incorporated water softener with salt sensor
- cold water and demineralized water connections
- electronic door lock system for user safety
- electrical connection: 3/N/PE 400 V - 50 Hz - 7 kW max
- single phase version available: 1/N/PE 230 V - 50 Hz - 2,8 kW max (GW1160S1)
- 60 Hz version available
- without trolleys



### OTHER POSSIBLE CONFIGURATIONS

#### GW1160SCA (art. 860697)

#### LABORATORY GLASSWARE WASHER

- high efficiency steam condenser Ecoslim, with cold water injection
- booster pump for non-pressure demineralized water

#### GW1160SA (art. 860696)

#### LABORATORY GLASSWARE WASHER

- booster pump for non-pressure demineralized water

#### GW1160SC (art. 860326)

#### LABORATORY GLASSWARE WASHER WITH STEAM CONDENSER

- high efficiency steam condenser Ecoslim, with cold water injection

**Machine optionals**

- AS4060 - AQUA STOP WATER LEAK KIT
- B6040L - STAINLESS STEEL PLINTH FOR 60 CM MACHINES WITH LOCK
- FLUX4060 - DOSING CONTROL FOR ADDITIONAL PERISTALTIC PUMPS
- IRCP - CEILING SPRAY ARM
- P34060 - PERISTALTIC PUMP FOR CAUSTIC SODA
- P44060 - PERISTALTIC PUMP FOR LIQUID ANTIFOAM
- PAD1 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2R - PAD2 RELAY KIT
- PAD2X - ST. STEEL BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER - 60 HZ
- T6040 - STAINLESS STEEL FRAME FOR 60 CM MACHINES
- TOP60I - BUILT-IN TOP 60 CM
- TRACELOG - REMOTE CONTROL AND TRACEABILITY SOFTWARE
- WD-LANE - DATA COMMUNICATION CARD
- WD-LS3060 - DETERGENT LEVEL SENSOR
- WD-PRINTE - EXTERNAL PRINTER

## Basic line - glassware washer 60 cm with drying system

### GW4060 (art. 860296)

#### LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM

- washing up to 95°C - antibacterial thermal disinfection
- programs: 9 default + 6 custom
- microprocessor programmable electronic control
- serial port RS232 for connection to external printer or PC
- forced hot air drying system with air filter 98% DOP
- alkaline powder detergent dispenser
- peristaltic pump for acid liquid neutralizer
- possibility of installing up to 2 additional peristaltic pumps
- washing chamber and internal door in AISI 316L stainless steel
- external panels made of AISI 304 stainless steel
- n. 2 independent washing levels through telescopic guides
- external dimensions LxDxH: 600 x 600 x 850 mm
- internal working dimensions LxDxH: 525 x 490 x 570 mm
- incorporated water softener with salt sensor
- cold water and demineralized water connections
- electronic door lock system for user safety
- electrical connection: 3/N/PE 400 V - 50 Hz - 7 kW max
- single phase version available: 1/N/PE 230 V - 50 Hz - 2,8 kW max (GW4060-1)
- 60 Hz version available
- without trolleys



#### OTHER POSSIBLE CONFIGURATIONS

##### GW4060CA (art. 860705)

##### LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM AND STEAM CONDENSER

- high efficiency steam condenser Ecoslim, with cold water injection
- booster pump for non-pressure demineralized water

##### GW4060A (art. 860704)

##### LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM

- booster pump for non-pressure demineralized water

##### GW4060C (art. 860186)

##### LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM

- high efficiency steam condenser Ecoslim, with cold water injection

**Machine optionals**

- AF4060 - ABSOLUTE HEPA FILTER
- AS4060 - AQUA STOP WATER LEAK KIT
- B6040L - STAINLESS STEEL PLINTH FOR 60 CM MACHINES WITH LOCK
- FLUX4060 - DOSING CONTROL FOR ADDITIONAL PERISTALTIC PUMPS
- IRCP - CEILING SPRAY ARM
- P14060 - PERISTALTIC PUMP FOR LIQUID DETERGENT
- P34060 - PERISTALTIC PUMP FOR CAUSTIC SODA
- P44060 - PERISTALTIC PUMP FOR LIQUID ANTIFOAM
- PAD1 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2R - PAD2 RELAY KIT
- PAD2X - ST. STEEL BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER - 60 HZ
- T6040 - STAINLESS STEEL FRAME FOR 60 CM MACHINES
- TOP60I - BUILT-IN TOP 60 CM
- TRACELOG - REMOTE CONTROL AND TRACEABILITY SOFTWARE
- WD-LANE - DATA COMMUNICATION CARD
- WD-LS3060 - DETERGENT LEVEL SENSOR
- WD-PRINTE - EXTERNAL PRINTER

## **GW4060S** (art. 860297)

### **LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM**

- washing up to 95°C - antibacterial thermal disinfection
- programs: 9 default + 6 custom
- microprocessor programmable electronic control
- serial port RS232 for connection to external printer or PC
- forced hot air drying system with air filter 98% DOP
- peristaltic pump for liquid detergent
- peristaltic pump for acid liquid neutralizer
- possibility of installing one additional peristaltic pump
- washing chamber and internal door in AISI 316L stainless steel
- external panels made of AISI 304 stainless steel
- n. 2 independent washing levels through telescopic guides
- external dimensions LxDxH: 600 x 600 x 850 mm
- internal working dimensions LxDxH: 525 x 490 x 570 mm
- incorporated water softener with salt sensor
- cold water and demineralized water connections
- electronic door lock system for user safety
- electrical connection: 3/N/PE 400 V - 50 Hz - 7 kW max
- single phase version available: 1/N/PE 230 V - 50 Hz - 2,8 kW max (GW4060S1)
- 60 Hz version available
- without trolleys



### **OTHER POSSIBLE CONFIGURATIONS**

**GW4060SA**  
(art. 860706)

#### **LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM**

- booster pump for non-pressure demineralized water

**GW4060SC**  
(art. 860280)

#### **LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM**

- high efficiency steam condenser Ecoslim, with cold water injection

**GW4060SCA**  
(art. 860707)

#### **LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM**

- high efficiency steam condenser Ecoslim, with cold water injection
- booster pump for non-pressure demineralized water

**Machine optionals**

- AF4060 - ABSOLUTE HEPA FILTER
- AS4060 - AQUA STOP WATER LEAK KIT
- B6040L - STAINLESS STEEL PLINTH FOR 60 CM MACHINES WITH LOCK
- FLUX4060 - DOSING CONTROL FOR ADDITIONAL PERISTALTIC PUMPS
- IRCP - CEILING SPRAY ARM
- P34060 - PERISTALTIC PUMP FOR CAUSTIC SODA
- P44060 - PERISTALTIC PUMP FOR LIQUID ANTIFOAM
- PAD1 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2R - PAD2 RELAY KIT
- PAD2X - ST. STEEL BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER - 60 HZ
- T6040 - STAINLESS STEEL FRAME FOR 60 CM MACHINES
- TOP60I - BUILT-IN TOP 60 CM
- TRACELOG - REMOTE CONTROL AND TRACEABILITY SOFTWARE
- WD-LANE - DATA COMMUNICATION CARD
- WD-LS3060 - DETERGENT LEVEL SENSOR
- WD-PRINTE - EXTERNAL PRINTER



## Basic line - glassware washer 90 cm with drying system

### GW4190 (art. 860351)

#### LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM

- washing up to 95°C - antibacterial thermal disinfection
- programs: 9 default + 6 custom
- microprocessor programmable electronic control
- serial port RS232 for connection to printer or PC
- forced hot air drying system with air filter 98% DOP
- alkaline powder detergent dispenser
- peristaltic pump for acid liquid neutralizer
- possibility of installing up to 2 additional peristaltic pumps
- washing chamber and internal door in AISI 316L stainless steel
- external panels made of AISI 304 stainless steel
- detergent cabinet made of AISI 304 stainless steel 4 x 5 liters tanks
- n. 2 independent washing levels through telescopic guides
- external dimensions LxDxH: 900 x 600 x 850 mm
- internal working dimensions LxDxH: 525 x 490 x 570 mm
- incorporated water softener with salt sensor
- cold water and demineralized water connections
- electronic door lock system for user safety
- electrical connection: 3/N/PE 400 V - 50 Hz - 7 kW max
- single phase version available: 1/N/PE 230 V - 50 Hz - 2,8 kW max (GW4190-1)
- 60 Hz version available
- without trolleys



#### OTHER POSSIBLE CONFIGURATIONS

**GW4190A**  
(art. 860711)

#### LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM

- booster pump for non-pressure demineralized water

**GW4190C**  
(art. 860353)

#### LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM

- high efficiency steam condenser Ecoslim, with cold water injection

**GW4190CA**  
(art. 860712)

#### LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM

- high efficiency steam condenser Ecoslim, with cold water injection
- booster pump for non-pressure demineralized water

**Machine optionals**

- AF4060 - ABSOLUTE HEPA FILTER
- AS4190 - AQUA STOP WATER LEAK KIT
- B9040L - STAINLESS STEEL PLINTH FOR 90 CM MACHINES WITH LOCK
- FLUX4060 - DOSING CONTROL FOR ADDITIONAL PERISTALTIC PUMPS
- IRCP - CEILING SPRAY ARM
- P14060 - PERISTALTIC PUMP FOR LIQUID DETERGENT
- P14190 - PERISTALTIC PUMP FOR LIQUID DETERGENT
- P34190 - PERISTALTIC PUMP FOR LIQUID ADDITIVES
- P44190 - PERISTALTIC PUMP FOR LIQUID ANTIFOAM
- PAD1 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2R - PAD2 RELAY KIT
- PAD2X - ST. STEEL BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER - 60 HZ
- T9040 - STAINLESS STEEL FRAME FOR 90 CM MACHINES
- TANKBSK - UPPER LEVEL CAN HOLDER BASKET
- TOP90IB - BUILT-IN TOP 90 CM
- TRACELOG - REMOTE CONTROL AND TRACEABILITY SOFTWARE
- WD-LANE - DATA COMMUNICATION CARD
- WD-LS4190 - DETERGENT LEVEL SENSOR
- WD-PRINT9 - PANEL PRINTER

## GW4190S (art. 860352)

### LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM

- washing up to 95°C - antibacterial thermal disinfection
- programs: 9 default + 6 custom
- microprocessor programmable electronic control
- serial port RS232 for connection to printer or PC
- forced hot air drying system with air filter 98% DOP
- peristaltic pump for liquid detergent
- peristaltic pump for acid liquid neutralizer
- possibility of installing one additional peristaltic pump
- washing chamber and internal door in AISI 316L stainless steel
- external panels made of AISI 304 stainless steel
- detergent cabinet made of AISI 304 stainless steel 4 x 5 liters tanks
- n. 2 independent washing levels through telescopic guides
- external dimensions LxDxH: 900 x 600 x 850 mm
- internal working dimensions LxDxH: 525 x 490 x 570 mm
- incorporated water softener with salt sensor
- cold water and demineralized water connections
- electronic door lock system for user safety
- electrical connection: 3/N/PE 400 V - 50 Hz - 7 kW max
- single phase version available: 1/N/PE 230 V - 50 Hz - 2,8 kW max (GW4190S1)
- 60 Hz version available
- without trolleys



### OTHER POSSIBLE CONFIGURATIONS

**GW4190SA**  
(art. 860713)

#### LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM

- booster pump for non-pressure demineralized water

**GW4190SC**  
(art. 860354)

#### LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM

- high efficiency steam condenser Ecoslim, with cold water injection

**GW4190SCA**  
(art. 860714)

#### LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM AND STEAM CONDENSER

- high efficiency steam condenser Ecoslim, with cold water injection
- booster pump for non-pressure demineralized water

**Machine optionals**

- AF4060 - ABSOLUTE HEPA FILTER
- AS4190 - AQUA STOP WATER LEAK KIT
- B9040L - STAINLESS STEEL PLINTH FOR 90 CM MACHINES WITH LOCK
- FLUX4060 - DOSING CONTROL FOR ADDITIONAL PERISTALTIC PUMPS
- IRCP - CEILING SPRAY ARM
- P14190 - PERISTALTIC PUMP FOR LIQUID DETERGENT
- P34190 - PERISTALTIC PUMP FOR LIQUID ADDITIVES
- P44190 - PERISTALTIC PUMP FOR LIQUID ANTIFOAM
- PAD1 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2R - PAD2 RELAY KIT
- PAD2X - ST. STEEL BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER - 60 HZ
- T9040 - STAINLESS STEEL FRAME FOR 90 CM MACHINES
- TANKBSK - UPPER LEVEL CAN HOLDER BASKET
- TOP90IB - BUILT-IN TOP 90 CM
- TRACELOG - REMOTE CONTROL AND TRACEABILITY SOFTWARE
- WD-LANE - DATA COMMUNICATION CARD
- WD-LS4190 - DETERGENT LEVEL SENSOR
- WD-PRINT9 - PANEL PRINTER

## Professional line - glassware washer 60 cm

### GW3060BX (art. 860141)

#### LABORATORY GLASSWARE WASHER

- washing up to 95°C - antibacterial thermal disinfection
- programs: 20 default + 10 custom
- n. 3 microprocessors programmable electronic control
- serial port RS232 for connection to external printer or PC
- 128 x 64 pixel graphics display for different languages messages
- active thermodynamic drying
- alkaline powder detergent dispenser
- peristaltic pump for liquid neutralizer
- possibility of installing up to 3 additional peristaltic pumps
- washing chamber and internal door in AISI 316L stainless steel
- external panels made of AISI 304 stainless steel
- n. 2 independent washing levels through telescopic guides
- external dimensions LxDxH: 600 x 640 x 850 mm
- internal working dimensions LxDxH: 525 x 490 x 570 mm
- incorporated water softener with salt sensor
- cold water, hot water and demineralized water connections
- electronic door lock system for user safety
- electrical connection: 3/N/PE 400 V - 50 Hz - 7 kW max (switchable to single-phase 230 V)
- 60 Hz version available
- without trolleys



#### OTHER POSSIBLE CONFIGURATIONS

##### GW3060BXA (art. 860699)

##### LABORATORY GLASSWARE WASHER

- booster pump for non-pressure demineralized water

##### GW3060BXC (art. 860241)

##### LABORATORY GLASSWARE WASHER

- high efficiency steam condenser Ecoslim, with cold water injection

##### GW3060BXCA (art. 860700)

##### LABORATORY GLASSWARE WASHER

- high efficiency steam condenser Ecoslim, with cold water injection
- booster pump for non-pressure demineralized water

**Machine optionals**

- ADU - UNIVERSAL PERISTALTIC PUMP FOR LIQUID ADDITIVES
- B6040L - STAINLESS STEEL PLINTH FOR 60 CM MACHINES WITH LOCK
- IC5090 - QUALITY WASHING CHECK CONDUCTIVITY SENSOR
- IRCP - CEILING SPRAY ARM
- PAD - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X - ST. STEEL BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER - 60 HZ
- T6040 - STAINLESS STEEL FRAME FOR 60 CM MACHINES
- TOP60I - BUILT-IN TOP 60 CM
- WD-LANE - DATA COMMUNICATION CARD
- WD-LS3060 - DETERGENT LEVEL SENSOR
- WD-PRINTE - EXTERNAL PRINTER
- WDTRACE - REMOTE CONTROL AND TRACEABILITY SOFTWARE
- WD-VDS - DUAL DRAIN VALVE

## GW3060S (art. 860189)

### LABORATORY GLASSWARE WASHER

- washing up to 95°C - antibacterial thermal disinfection
- programs: 20 default + 10 custom
- n. 3 microprocessors programmable electronic control
- serial port RS232 for connection to external printer or PC
- 128 x 64 pixel graphics display for different languages messages
- active thermodynamic drying
- peristaltic pump for liquid detergent
- peristaltic pump for liquid neutralizer
- possibility of installing up to 2 additional peristaltic pumps
- washing chamber and internal door in AISI 316L stainless steel
- external panels made of AISI 304 stainless steel
- n. 2 independent washing levels through telescopic guides
- external dimensions LxDxH: 600 x 640 x 850 mm
- internal working dimensions LxDxH: 525 x 490 x 570 mm
- incorporated water softener with salt sensor
- cold water, hot water and demineralized water connections
- electronic door lock system for user safety
- electrical connection: 3/N/PE 400 V - 50 Hz - 7 kW max (switchable to single-phase 230 V)
- 60 Hz version available
- without trolleys



### OTHER POSSIBLE CONFIGURATIONS

**GW3060P**  
(art. 860190)

#### LABORATORY GLASSWARE WASHER

- peristaltic pump for caustic soda solution
- peristaltic pump for anti-foam additive
- spare parts kit for petrol

**GW3060PA**  
(art. 860701)

#### LABORATORY GLASSWARE WASHER

- peristaltic pump for caustic soda solution
- peristaltic pump for anti-foam additive
- booster pump for non-pressure demineralized water
- spare parts kit for petrol

**GW3060SA**  
(art. 860702)

#### LABORATORY GLASSWARE WASHER

- booster pump for non-pressure demineralized water

**GW3060SC**  
(art. 860210)

#### LABORATORY GLASSWARE WASHER

- high efficiency steam condenser Ecoslim, with cold water injection

**GW3060SCA**  
(art. 860703)

#### LABORATORY GLASSWARE WASHER

- high efficiency steam condenser Ecoslim, with cold water injection
- booster pump for non-pressure demineralized water

**Machine optionals**

- ADU - UNIVERSAL PERISTALTIC PUMP FOR LIQUID ADDITIVES
- B6040L - STAINLESS STEEL PLINTH FOR 60 CM MACHINES WITH LOCK
- IC5090 - QUALITY WASHING CHECK CONDUCTIVITY SENSOR
- IRCP - CEILING SPRAY ARM
- PAD - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X - ST. STEEL BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER - 60 HZ
- T6040 - STAINLESS STEEL FRAME FOR 60 CM MACHINES
- TOP60I - BUILT-IN TOP 60 CM
- WD-LANE - DATA COMMUNICATION CARD
- WD-LS3060 - DETERGENT LEVEL SENSOR
- WD-PRINTE - EXTERNAL PRINTER
- WDTRACE - REMOTE CONTROL AND TRACEABILITY SOFTWARE
- WD-VDS - DUAL DRAIN VALVE



## Professional line - glassware washer 90 cm with drying system

### GW4090 (art. 860139)

#### LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM

- washing up to 95°C - antibacterial thermal disinfection
- programs: 20 default + 10 custom
- n. 3 microprocessors programmable electronic control
- serial port RS232 for connection to external printer or PC
- 128 x 64 pixel graphics display for different languages messages
- forced hot air drying system with air filter 98% dop
- peristaltic pump for liquid detergent
- peristaltic pump for liquid neutralizer
- possibility of installing up to 2 additional peristaltic pumps
- washing chamber and internal door in AISI 316L stainless steel
- external panels made of AISI 304 stainless steel
- detergent cabinet made of AISI 304 stainless steel 2 x 5 liters tanks or 4 x 2 liters tanks of capacity
- n. 2 independent washing levels through telescopic guides
- external dimensions LxDxH: 900 x 640 x 850 mm
- internal working dimensions LxDxH: 525 x 490 x 570 mm
- incorporated water softener with salt sensor
- cold water, hot water and demineralized water connections
- electronic door lock system for user safety
- electrical connection: 3/N/PE 400 V - 50 Hz - 7 kW max (switchable to single-phase 230 V)
- 60 Hz version available
- without trolleys



#### OTHER POSSIBLE CONFIGURATIONS

**GW4090A**  
(art. 860236)

#### LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM

- booster pump for non-pressure demineralized water

**GW4090C**  
(art. 860191)

#### LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM

- high efficiency steam condenser with cold water injection

**GW4090CA**  
(art. 860709)

#### LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM

- high efficiency steam condenser Ecoslim, with cold water injection
- booster pump for non-pressure demineralized water

**GW4090P**  
(art. 860634)

#### LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM

- peristaltic pump for caustic soda solution
- peristaltic pump for anti-foam additive
- spare parts kit for petrol

**GW4090PA**  
(art. 860710)

#### LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM

- peristaltic pump for caustic soda solution

- peristaltic pump for anti-foam additive
- booster pump for non-pressure demineralized water
- spare parts kit for petrol

**Machine optionals**

- ADU - UNIVERSAL PERISTALTIC PUMP FOR LIQUID ADDITIVES
- AF4050 - ABSOLUTE HEPA FILTER
- B9040L - STAINLESS STEEL PLINTH FOR 90 CM MACHINES WITH LOCK
- IC5090 - QUALITY WASHING CHECK CONDUCTIVITY SENSOR
- IRCP - CEILING SPRAY ARM
- PAD - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X - ST. STEEL BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER - 60 HZ
- T9040 - STAINLESS STEEL FRAME FOR 90 CM MACHINES
- TOP90I - BUILT-IN TOP 90 CM
- WD-LANI - DATA COMMUNICATION CARD
- WD-LS5090 - DETERGENT LEVEL SENSOR
- WD-PRINTE - EXTERNAL PRINTER
- WDTRACE - REMOTE CONTROL AND TRACEABILITY SOFTWARE
- WD-VDS - DUAL DRAIN VALVE

## **GW4090BXC** (art. 860314)

### **LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM AND STEAM CONDENSER**

- washing up to 95°C - antibacterial thermal disinfection
- programs: 20 default + 10 custom
- n. 3 microprocessors programmable electronic control
- serial port RS232 for connection to external printer or PC
- 128 x 64 pixel graphics display for different languages messages
- high efficiency steam condenser Ecoslim, with cold water injection
- forced hot air drying system with air filter 98% DOP
- alkaline powder detergent dispenser
- peristaltic pump for liquid neutralizer
- possibility of installing up to 3 additional peristaltic pumps
- washing chamber and internal door in AISI 316L stainless steel
- external panels made of AISI 304 stainless steel
- detergent cabinet made of AISI 304 stainless steel 2 x 5 liters tanks or 4 x 2 liters tanks of capacity
- n. 2 independent washing levels through telescopic guides
- external dimensions LxDxH: 900 x 640 x 850 mm
- internal working dimensions LxDxH: 525 x 490 x 570 mm
- incorporated water softener with salt sensor
- cold water, hot water and demineralized water connections
- electronic door lock system for user safety
- electrical connection: 3/N/PE 400 V - 50 Hz - 7 kW max (switchable to single-phase 230 V)
- 60 Hz version available
- without trolleys



### **OTHER POSSIBLE CONFIGURATIONS**

#### **GW4090BXCA** (art. 860708)

#### **LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM AND STEAM CONDENSER**

- high efficiency steam condenser Ecoslim, with cold water injection
- booster pump for non-pressure demineralized water

**Machine optionals**

- ADU - UNIVERSAL PERISTALTIC PUMP FOR LIQUID ADDITIVES
- AF4050 - ABSOLUTE HEPA FILTER
- B9040L - STAINLESS STEEL PLINTH FOR 90 CM MACHINES WITH LOCK
- IC5090 - QUALITY WASHING CHECK CONDUCTIVITY SENSOR
- IRCP - CEILING SPRAY ARM
- PAD - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X - ST. STEEL BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER - 60 HZ
- T9040 - STAINLESS STEEL FRAME FOR 90 CM MACHINES
- TOP90I - BUILT-IN TOP 90 CM
- WD-LANI - DATA COMMUNICATION CARD
- WD-LS5090 - DETERGENT LEVEL SENSOR
- WD-PRINTE - EXTERNAL PRINTER
- WDTRACE - REMOTE CONTROL AND TRACEABILITY SOFTWARE
- WD-VDS - DUAL DRAIN VALVE

## **GW4090BXP** (art. 860637)

### **LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM AND STEAM CONDENSER**

- washing up to 95°C - antibacterial thermal disinfection
- programs: 20 default + 10 custom
- n. 3 microprocessors programmable electronic control
- serial port RS232 for connection to external printer or PC
- 128 x 64 pixel graphics display for different languages messages
- forced hot air drying system with air filter 98% DOP
- alkaline powder detergent dispenser
- peristaltic pump for liquid detergent
- peristaltic pump for liquid neutralizer
- peristaltic pump for caustic soda solution
- peristaltic pump for anti-foam additive
- washing chamber and internal door in AISI 316L stainless steel
- external panels made of AISI 304 stainless steel
- detergent cabinet made of AISI 304 stainless steel 2 x 5 liters tanks or 4 x 2 liters tanks of capacity
- n. 2 independent washing levels through telescopic guides
- external dimensions LxDxH: 900 x 640 x 850 mm
- internal working dimensions LxDxH: 525 x 490 x 570 mm
- incorporated water softener with salt sensor
- cold water, hot water and demineralized water connections
- electronic door lock system for user safety
- electrical connection: 3/N/PE 400 V - 50 Hz - 7 kW max (switchable to single-phase 230 V)
- 60 Hz version available
- spare parts kit for petrol
- without trolleys



### **Machine optionals**

- ADU - UNIVERSAL PERISTALTIC PUMP FOR LIQUID ADDITIVES
- AF4050 - ABSOLUTE HEPA FILTER
- B9040L - STAINLESS STEEL PLINTH FOR 90 CM MACHINES WITH LOCK
- IC5090 - QUALITY WASHING CHECK CONDUCTIVITY SENSOR
- IRCP - CEILING SPRAY ARM
- PAD - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X - ST. STEEL BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER - 60 HZ
- T9040 - STAINLESS STEEL FRAME FOR 90 CM MACHINES

- TOP90I - BUILT-IN TOP 90 CM
- WD-LANI - DATA COMMUNICATION CARD
- WD-LS5090 - DETERGENT LEVEL SENSOR
- WD-PRINTE - EXTERNAL PRINTER
- WDTRACE - REMOTE CONTROL AND TRACEABILITY SOFTWARE
- WD-VDS - DUAL DRAIN VALVE

## Professional line - large dimension glassware washers

### GW6010M (art. 860507)

#### HIGH CAPACITY LABORATORY GLASSWARE WASHER (266 LT)

- washing up to 95°C - antibacterial thermal disinfection
- capacity up to 5 adjustable levels
- programs: 20 default + 20 custom
- multi-language TFT colour touch screen
- functioning protected by different levels password
- integrated built-in panel printer (optional)
- USB port for downloading washing cycles log
- ethernet port for LAN connection (optional)
- drop down full glass door
- door locked for safety
- high pressure hot air drying system
- high efficiency Ecoslim steam condenser (optional)
- peristaltic pump for liquid detergent and level sensor
- peristaltic pump for liquid neutralizer and level sensor
- possibility of installing up to 2 additional peristaltic pumps
- detergent cabinet with removable tray for storing up to 3 x 5 liters cans + 1 x 1 liter can
- washing chamber made of AISI 316L stainless steel
- external panels made of AISI 304 stainless steel
- external dimensions LxDxH: 650 x 720 x 1950 mm
- internal working dimensions LxDxH: 550 x 620 x 685 mm
- cold water, hot water and demineralized water connections
- floor drain connection
- drain pump (optional)
- electrical connection: 3/N/PE 400 V - 50 Hz - 13 kW max
- 60 Hz version available
- without racks



#### OTHER POSSIBLE CONFIGURATIONS

**GW6010TM**  
(art. 860596)

#### HIGH CAPACITY LABORATORY GLASSWARE WASHER (266 LT)

- equipped with FAST cycles (max. 33 minutes)

**Machine optionals**

- AF4050 - ABSOLUTE HEPA FILTER
- DRAINP6010 - DRAIN PUMP FOR WALL DRAIN
- IC6010 - QUALITY WASHING CHECK CONDUCTIVITY SENSOR
- LED6010 - LED LIGHTING FOR WASHING CHAMBER
- P36010 - PERISTALTIC PUMP FOR LIQUID ADDITIVES
- P46010 - PERISTALTIC PUMP FOR LIQUID ANTIFOAM
- PAD26010 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X6010 - ST. STEEL BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- RACKREC60 - WASHING TROLLEY RECOGNITION SYSTEM
- STEAMCO60 - ECOSLIM STEAM CONDENSER
- STEAMFEED60 - HYBRID STEAM HEATING
- WD-FLUX6010 - DETERGENT DOSAGE CONTROL FOR ADDITIONAL PERISTALTIC PUMPS
- WD-LAN60 - DATA COMMUNICATION CARD
- WD-LS6010 - DETERGENT LEVEL SENSOR
- WD-PRINTEINK - EXTERNAL IMPACT PRINTER
- WD-PRINTP6010 - CLEAN SIDE PANEL PRINTER
- WD-PRINTS6010 - UNCLEAN SIDE PANEL PRINTER
- WD-VDS6010 - DUAL DRAIN VALVE



## **GW6090B** (art. 860270)

### **HIGH CAPACITY LABORATORY GLASSWARE WASHER (405 LITRES)**

- washing up to 95°C - antibacterial thermal disinfection
- programs: 20 default + 10 custom
- n. 3 microprocessors programmable electronic control
- serial port RS232 for connection to external printer or PC
- 128 x 64 pixel graphics display for different languages messages
- active thermodynamic drying
- peristaltic pump for liquid detergent
- peristaltic pump for liquid neutralizer
- possibility of installing up to 3 additional peristaltic pumps
- washing chamber and internal door made of AISI 316L stainless steel
- all internal piping made of AISI 304 stainless steel
- external panels made of AISI 304 stainless steel
- detergent cabinet made of AISI 304 stainless steel for 4 5 liters cans
- washing up to 3 levels
- external dimensions LxDxH: 900 x 800 x 1900 mm
- internal working dimensions LxDxH: 680 x 670 x 890 mm
- n. 2 independent washing pumps (one for chamber, one for trolleys)
- high efficiency drain pump
- built-in boiler for fast cycles preheating water
- cold water, hot water and demineralized water connections
- electronic door lock system for user safety
- electrical connection: 3/N/PE 400 V - 50 Hz - 18,5 kW max
- 60 Hz version available
- without trolleys



### **OTHER POSSIBLE CONFIGURATIONS**

#### **GW6090BDS** (art. 860271)

#### **HIGH CAPACITY LABORATORY GLASSWARE WASHER (405 LITRES) WITH DRYING SYSTEM**

- n. 2 motors forced hot air drying system (one for chamber, one for trolleys)

**Machine optionals**

- AF4050 - ABSOLUTE HEPA FILTER
- IC6000 - DIGITAL CONDUCTIVITY INDICATOR
- P36090B - PERISTALTIC PUMP FOR LIQUID ADDITIVES
- P46090B - PERISTALTIC PUMP FOR LIQUID ADDITIVES
- PAD2 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X - ST. STEEL BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER - 60 HZ
- WD-FLUX - FLOW METER FOR ADDITIONAL PERISTALTIC PUMPS
- WD-LANI - DATA COMMUNICATION CARD
- WD-LS3060 - DETERGENT LEVEL SENSOR
- WD-PRINT6 - PANEL PRINTER
- WD-VDS - DUAL DRAIN VALVE

## **GW6290** (art. 860682)

### **HIGH CAPACITY LABORATORY GLASSWARE WASHER (405 LITRES)**

- washing up to 95°C - antibacterial thermal disinfection
- programs: 20 default + 20 custom
- multi-language TFT colour touch screen
- functioning protected by different levels password
- USB port for downloading washing cycles log
- peristaltic pump for liquid detergent
- peristaltic pump for liquid neutralizer
- possibility of installing up to 5 additional peristaltic pumps
- washing chamber and internal door made of AISI 316L stainless steel
- all internal piping made of AISI 304 stainless steel
- external panels made of AISI 304 stainless steel
- detergent cabinet made of AISI 304 stainless steel for 4 x 5 liters cans
- washing up to 3 levels
- external dimensions LxDxH: 900 x 800 x 1940 mm
- internal working dimensions LxDxH: 680 x 670 x 890 mm
- n. 2 independent washing pumps
- high efficiency drain pump
- built-in boiler for fast cycles preheating water
- cold water, hot water and demineralized water connections
- double electronic door lock system for user safety
- emergency opening system
- electrical connection: 3/N/PE 400 V - 50 Hz - 18 kW max
- 60 Hz version available
- without trolley



### **OTHER POSSIBLE CONFIGURATIONS**

**GW6290DS**  
(art. 860683)

#### **HIGH CAPACITY LABORATORY GLASSWARE WASHER (405 LITRES)**

- n. 2 motors forced hot air drying system

**Machine optionals**

- IC6010 - QUALITY WASHING CHECK CONDUCTIVITY SENSOR
- P36090B - PERISTALTIC PUMP FOR LIQUID ADDITIVES
- P46090B - PERISTALTIC PUMP FOR LIQUID ADDITIVES
- PAD2 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X - ST. STEEL BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X-60 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER - 60 HZ
- WD-FLUX - FLOW METER FOR ADDITIONALS PERISTALTIC PUMPS
- WD-LAN60 - DATA COMMUNICATION CARD
- WD-LS3060 - DETERGENT LEVEL SENSOR
- WD-PRINTEINK - EXTERNAL IMPACT PRINTER
- WD-PRINTP6010 - CLEAN SIDE PANEL PRINTER
- WD-PRINTS6010 - UNCLEAN SIDE PANEL PRINTER
- WD-VDS - DUAL DRAIN VALVE

## **GW7010M** (art. 860598)

### **HIGH CAPACITY LABORATORY GLASSWARE WASHER (266 LT)**

- washing up to 95°C - antibacterial thermal disinfection
- capacity up to 5 adjustable levels
- programs: 20 default + 20 custom
- multi-language TFT colour touch screen
- functioning protected by different levels password
- integrated built-in panel printer (optional)
- USB port for downloading washing cycles log
- ethernet port for LAN connection (optional)
- sliding down full glass door
- door locked for safety
- high pressure hot air drying system
- high efficiency Ecoslim steam condenser (optional)
- peristaltic pump for liquid detergent and level sensor
- peristaltic pump for liquid neutralizer and level sensor
- possibility of installing up to 2 additional peristaltic pumps
- detergent cabinet with removable tray for storing up to 3 x 5 liters cans + 1 x 1 liter can
- washing chamber made of AISI 316L stainless steel
- external panels made of AISI 304 stainless steel
- external dimensions LxDxH: 780 x 800 x 1950 mm
- internal working dimensions LxDxH: 550 x 620 x 685 mm
- cold water, hot water and demineralized water connections
- floor drain connection
- drain pump (optional)
- electrical connection: 3/N/PE 400 V - 50 Hz - 13 kW max
- 60 Hz version available
- without racks



### **OTHER POSSIBLE CONFIGURATIONS**

**GW7010TM**  
(art. 860645)

#### **HIGH CAPACITY LABORATORY GLASSWARE WASHER (266 LT)**

- equipped with FAST cycles (max. 33 minutes)

**Machine optionals**

- AF4050 - ABSOLUTE HEPA FILTER
- DRAINP6010 - DRAIN PUMP FOR WALL DRAIN
- IC6010 - QUALITY WASHING CHECK CONDUCTIVITY SENSOR
- LED6010 - LED LIGHTING FOR WASHING CHAMBER
- P36010 - PERISTALTIC PUMP FOR LIQUID ADDITIVES
- P46010 - PERISTALTIC PUMP FOR LIQUID ANTIFOAM
- PAD26010 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X6010 - ST. STEEL BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- RACKREC60 - WASHING TROLLEY RECOGNITION SYSTEM
- STEAMCO60 - ECOSLIM STEAM CONDENSER
- STEAMFEED70 - HYBRID STEAM HEATING
- WD-FLUX6010 - DETERGENT DOSAGE CONTROL FOR ADDITIONAL PERISTALTIC PUMPS
- WD-LAN60 - DATA COMMUNICATION CARD
- WD-LS6010 - DETERGENT LEVEL SENSOR
- WD-PRINTEINK - EXTERNAL IMPACT PRINTER
- WD-PRINTP6010 - CLEAN SIDE PANEL PRINTER
- WD-PRINTS6010 - UNCLEAN SIDE PANEL PRINTER
- WD-VDS6010 - DUAL DRAIN VALVE

## Professional line - double door glassware washers

### GW6010 (art. 860512)

#### HIGH CAPACITY DOUBLE DOOR LABORATORY GLASSWARE WASHER (266 LT)

- washing up to 95°C - antibacterial thermal disinfection
- capacity up to 5 adjustable levels
- programs: 20 default + 20 custom
- multi-language TFT colour touch screen on both sides
- functioning protected by different levels password
- integrated built-in panel printer (optional)
- USB port for downloading washing cycles log
- ethernet port for LAN connection (optional)
- n. 2 drop down full glass door
- door locked for safety
- high pressure hot air drying system
- high efficiency Ecoslim steam condenser (optional)
- peristaltic pump for liquid detergent and level sensor
- peristaltic pump for liquid neutralizer and level sensor
- possibility of installing up to 2 additional peristaltic pumps
- detergent cabinet with removable tray for storing up to 3 x 5 liters cans + 1 x 1 liter can
- washing chamber made of AISI 316L stainless steel
- external panels made of AISI 304 stainless steel
- external dimensions LxDxH: 650 x 720 x 1950 mm
- internal working dimensions LxDxH: 550 x 620 x 685 mm
- cold water, hot water and demineralized water connections
- floor drain connection
- drain pump (optional)
- electrical connection: 3/N/PE 400 V - 50 Hz - 13 kW max
- 60 Hz version available
- without racks



#### OTHER POSSIBLE CONFIGURATIONS

**GW6010T**  
(art. 860595)

#### HIGH CAPACITY DOUBLE DOOR LABORATORY GLASSWARE WASHER (266 LT)

- equipped with FAST cycles (max. 33 minutes)

**Machine optionals**

- AF4050 - ABSOLUTE HEPA FILTER
- DRAINP6010 - DRAIN PUMP FOR WALL DRAIN
- IC6010 - QUALITY WASHING CHECK CONDUCTIVITY SENSOR
- LED6010 - LED LIGHTING FOR WASHING CHAMBER
- P36010 - PERISTALTIC PUMP FOR LIQUID ADDITIVES
- P46010 - PERISTALTIC PUMP FOR LIQUID ANTIFOAM
- PAD26010 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X6010 - ST. STEEL BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- RACKREC60 - WASHING TROLLEY RECOGNITION SYSTEM
- STEAMCO60 - ECOSLIM STEAM CONDENSER
- STEAMFEED60 - HYBRID STEAM HEATING
- WD-FLUX6010 - DETERGENT DOSAGE CONTROL FOR ADDITIONAL PERISTALTIC PUMPS
- WD-LAN60 - DATA COMMUNICATION CARD
- WD-LS6010 - DETERGENT LEVEL SENSOR
- WD-PRINTEINK - EXTERNAL IMPACT PRINTER
- WD-PRINTP6010 - CLEAN SIDE PANEL PRINTER
- WD-PRINTS6010 - UNCLEAN SIDE PANEL PRINTER
- WD-VDS6010 - DUAL DRAIN VALVE



## **GW7010** (art. 860599)

### **HIGH CAPACITY DOUBLE SLIDING DOOR LABORATORY GLASSWARE WASHER (266 LT)**

- washing up to 95°C - antibacterial thermal disinfection
- capacity up to 5 adjustable levels
- programs: 20 default + 20 custom
- multi-language TFT colour touch screen on both sides
- functioning protected by different levels password
- integrated built-in panel printer (optional)
- USB port for downloading washing cycles log
- ethernet port for LAN connection (optional)
- n. 2 sliding down full glass door
- door locked for safety
- high pressure hot air drying system
- high efficiency Ecoslim steam condenser (optional)
- peristaltic pump for liquid detergent and level sensor
- peristaltic pump for liquid neutralizer and level sensor
- possibility of installing up to 2 additional peristaltic pumps
- detergent cabinet with removable tray for storing up to 3 x 5 liters cans + 1 x 1 liter can
- washing chamber made of AISI 316L stainless steel
- external panels made of AISI 304 stainless steel
- external dimensions LxDxH: 780 x 800 x 1950 mm
- internal working dimensions LxDxH: 550 x 620 x 685 mm
- cold water, hot water and demineralized water connections
- floor drain connection
- drain pump (optional)
- electrical connection: 3/N/PE 400 V - 50 Hz - 13 kW max
- 60 Hz version available
- without racks



### **OTHER POSSIBLE CONFIGURATIONS**

**GW7010T**  
(art. 860646)

**HIGH CAPACITY DOUBLE SLIDING DOOR LABORATORY GLASSWARE WASHER (266 LT)**

- equipped with FAST cycles (max. 33 minutes)

**Machine optionals**

- AF4050 - ABSOLUTE HEPA FILTER
- DRAINP6010 - DRAIN PUMP FOR WALL DRAIN
- IC6010 - QUALITY WASHING CHECK CONDUCTIVITY SENSOR
- LED6010 - LED LIGHTING FOR WASHING CHAMBER
- P36010 - PERISTALTIC PUMP FOR LIQUID ADDITIVES
- P46010 - PERISTALTIC PUMP FOR LIQUID ANTIFOAM
- PAD26010 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X6010 - ST. STEEL BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- RACKREC60 - WASHING TROLLEY RECOGNITION SYSTEM
- STEAMCO60 - ECOSLIM STEAM CONDENSER
- STEAMFEED70 - HYBRID STEAM HEATING
- WD-FLUX6010 - DETERGENT DOSAGE CONTROL FOR ADDITIONAL PERISTALTIC PUMPS
- WD-LAN60 - DATA COMMUNICATION CARD
- WD-LS6010 - DETERGENT LEVEL SENSOR
- WD-PRINTEINK - EXTERNAL IMPACT PRINTER
- WD-PRINTP6010 - CLEAN SIDE PANEL PRINTER
- WD-PRINTS6010 - UNCLEAN SIDE PANEL PRINTER
- WD-VDS6010 - DUAL DRAIN VALVE

## GW7015 (art. 860681)

### HIGH CAPACITY DOUBLE SLIDING DOOR LABORATORY GLASSWARE WASHER (348 LT)

- washing up to 95°C - antibacterial thermal disinfection
- capacity up to 6 adjustable levels
- programs: 20 default + 20 custom
- multi-language TFT colour touch screen on both sides
- functioning protected by different levels password
- integrated built-in panel printer (optional)
- USB port for downloading washing cycles log
- ethernet port for LAN connection (optional)
- n. 2 sliding down full glass door
- door locked for safety
- high pressure hot air drying system
- high efficiency Ecoslim steam condenser (optional)
- 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
- detergent cabinet with removable tray for storing up to 4 cans of 5 liters and one of 2 liters
- washing chamber made of AISI 316L stainless steel
- external panels made of AISI 304 stainless steel
- external dimensions LxDxH: 900 x 1000 x 1942 mm
- internal working dimensions LxDxH: 626 x 812 x 685 mm
- cold water, hot water and demineralized water connections
- floor drain connection
- drain pump (optional)
- electrical connection: 3/N/PE 400 V - 50 Hz - 22 kW max
- 60 Hz version available
- without racks

#### Machine optionals

- AF4050 - ABSOLUTE HEPA FILTER
- DRAINP7015 - DRAIN PUMP FOR WALL DRAIN
- IC6010 - QUALITY WASHING CHECK CONDUCTIVITY SENSOR
- LED6010 - LED LIGHTING FOR WASHING CHAMBER
- P36010 - PERISTALTIC PUMP FOR LIQUID ADDITIVES
- P46010 - PERISTALTIC PUMP FOR LIQUID ANTIFOAM
- P57015 - PERISTALTIC PUMP FOR LIQUID ADDITIVES
- PAD26010 - BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- PAD2X6010 - ST. STEEL BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER
- STEAMCO15 - ECOSLIM STEAM CONDENSER



- STEAMFEED15 - HYBRID STEAM HEATING FOR CHAMBER
- WD-FLUX6010 - DETERGENT DOSAGE CONTROL FOR ADDITIONAL PERISTALTIC PUMPS
- WD-LAN60 - DATA COMMUNICATION CARD
- WD-LS6010 - DETERGENT LEVEL SENSOR
- WD-PRINTEINK - EXTERNAL IMPACT PRINTER
- WD-VDS6010 - DUAL DRAIN VALVE

## Autoclaves

### AVS23L (art. 901785)

#### AUTOCLAVE 23 LITRES WITH BASKET AND PRINTER

- chamber volume: 23 litres
- programs: 7 default (for liquids and for solids) + 1 free
- programs with natural and rapid cooling
- chamber in stainless steel AISI 304 welding-free, thickness 20/10 mm
- lid made of Anticorodal™ alloy, thickness 30 mm
- operational temperature settable from 105 °C up to 135 °C
- maximum operational pressure: 2,3 bar relative
- check and regulation of the temperature by PT1000
- separated pressure sensor
- heat dispersion 5,76 MJ/h max (1370 kCal/h)
- external dimensions LxDxH: 395 x 460 x 930 mm
- internal working dimensions DIAMETERxH: 236 x 530 mm
- basket included in stainless steel AISI 304
- basket dimensions DIAMETERxH: 220 x 390 mm
- front panel with keyboard and LCD screen
- messages for cycle progress with indication of program, cycle counter, date, time, temperature, actual and real pressure, remaining time
- acoustic alarm for end of cycle
- malfunction indications showed on display with different alarm code
- audible and visual alarms
- internal archive for printing the last 10 cycles
- integrated printer for printing the following parameters: sterilizer serial number, program, cycle counter, date, time, temperature, pressure (each minute during the sterilization phase), malfunctions
- automatic electrical door lock by pressure probe
- unlock and opening of the door if the internal temperature is lower than 94 °C
- mechanical safety lock of the door by checking the internal pressure
- hose for manual condensate drain
- weight 55 kg
- electrical connection: 230 V / 50-60 Hz - 2,5 KW
- exemption for ISPESL control



#### OTHER POSSIBLE CONFIGURATIONS

**AVS23LPV**  
(art. 902637)

**AUTOCLAVE 23 LITRES WITH VACUUM PUMP, BASKET AND PRINTER**

- automatic steam removal before opening the door

**AVS23LT**  
(art. 902264)

**AUTOCLAVE 23 LITRES WITH BASKET AND PRINTER - LONG TIME**

- possibility of setting the sterilization time up to 59900 minutes

## Ultrasound cleaner

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### VU03H (art. 902097)

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#### ULTRASOUND CLEANER 3 LITERS

- ultrasound frequency 38 kHz
- n. 1 trasductor
- transductor power effective: 80 W / peak 320 W
- field strength: 4,1 W/cm<sup>3</sup>
- sweep frequency variation function to improve treatment efficiency
- gradual frequency intensity increase function for efficient instrument treatment
- degass function for fast self degassing system to increase washing efficiency
- washing water heating function from 30 °C up to 80 °C (200 W)
- heating and keeping the set temperature indication with red/green LED
- preset timer function 1, 2, 3, 4, 5, 10, 15, 20, 25, 30 min. and continuous (max 12h)
- built in drain system
- stainless steel external panels
- internal tank dimensions LxDxH: 240 x 137 x 100 mm
- external dimensions LxDxH: 300 x 179 x 214 mm
- electrical connection: 1/N/PE 230 V - 50 Hz - 280 W max
- basket VU03CSK not included



## VU06H (art. 902103)

### ULTRASOUND CLEANER 6 LITERS

- ultrasound frequency 38 kHz
- n. 3 trasductors
- transductor power effective: 150 W / peak 600 W
- field strength: 2,6 W/cm<sup>3</sup>
- sweep frequency variation function to improve treatment efficiency
- gradual frequency intensity increase function for efficient instrument treatment
- degass function for fast self degassing system to increase washing efficiency
- washing water heating function from 30 °C up to 80 °C (400 W)
- heating and keeping the set temperature indication with red/green LED
- preset timer function 1, 2, 3, 4, 5, 10, 15, 20, 25, 30 min. and continuous (max 12h)
- built in drain system
- stainless steel external panels
- internal tank dimensions LxDxH: 300 x 151 x 150 mm
- external dimensions LxDxH: 365 x 186 x 264 mm
- electrical connection: 1/N/PE 230 V - 50 Hz - 550 W max
- basket VU06CSK not included





## VU13H (art. 902104)

### ULTRASOUND CLEANER 13 LITERS

- ultrasound frequency 38 kHz
- n. 4 trasductors
- transductor power effective: 200 W / peak 800 W
- strenggh field: 2,6 kW/cm<sup>3</sup>
- sweep frequency variation function to improve treatment efficiency
- gradual frequency intensity increase function for efficient instrument treatment
- degass function for fast self degassing system to increase washing efficiency
- washing water heating function from 30 °C up to 80 °C (800 W)
- heating and keeping the set temperature indication with red/green LED
- preset timer function 1, 2, 3, 4, 5, 10, 15, 20, 25, 30 min. and continuos (max 12h)
- built in drain system
- stainless steel external panels
- internal tank dimensions LxDxH: 300 x 240 x 200 mm
- external dimensions LxDxH: 365 x 278 x 321 mm
- electrical connection: 1/N/PE 230 V - 50 Hz - 1 kW max
- basket VU13CSK not included



## VU30H (art. 902105)

### ULTRASOUND CLEANER 30 LITERS

- ultrasound frequency 38 kHz
- n. 6 trasductors
- transductor power effective: 300 W / peak 1,2 kW
- field strength: 2,6 W/cm<sup>3</sup>
- sweep frequency variation function to improve treatment efficiency
- gradual frequency intensity increase function for efficient instrument treatment
- degass function for fast self degassing system to increase washing efficiency
- washing water heating function from 30 °C up to 80 °C (1,2 kW)
- heating and keeping the set temperature indication with red/green LED
- preset timer function 1, 2, 3, 4, 5, 10, 15, 20, 25, 30 min. and continuous (max 12h)
- built in drain system
- stainless steel external panels
- internal tank dimensions LxDxH: 505 x 300 x 200 mm
- external dimensions LxDxH: 568 x 340 x 321 mm
- electrical connection: 1/N/PE 230 V - 50 Hz - 1,5 kW max
- basket VU30CSK not included



## VU45H (art. 902106)

### ULTRASOUND CLEANER 45 LITERS

- ultrasound frequency 38 kHz
- n. 8 trasductors
- transductor power effective: 400 W / peak 1,6 kW
- field strength: 2,6 W/cm<sup>3</sup>
- sweep frequency variation function to improve treatment efficiency
- gradual frequency intensity increase function for efficient instrument treatment
- degass function for fast self degassing system to increase washing efficiency
- washing water heating function from 30 °C up to 80 °C (1,6 kW)
- heating and keeping the set temperature indication with red/green LED
- preset timer function 1, 2, 3, 4, 5, 10, 15, 20, 25, 30 min. and continuous (max 12h)
- built in drain system
- stainless steel external panels
- internal tank dimensions LxDxH: 500 x 300 x 300 mm
- external dimensions LxDxH: 615 x 370 x 467 mm
- electrical connection: 1/N/PE 230 V - 50 Hz - 2,0 kW max
- basket VU45CSK not included



## VU90H (art. 902098)

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### ULTRASOUND CLEANER 90 LITERS

- ultrasound frequency 38 kHz
- n. 16 trasductors
- transductor power effective: 800 W / peak 3,2 kW
- field strength: 4,1 W/cm<sup>3</sup>
- sweep frequency variation function for improved treatment efficiency
- gradual frequency intensity increase function for efficient instrument treatment
- degass function for fast self degassing system to increase washing efficiency
- washing water heating function from 30 °C up to 80 °C (2 kW)
- heating and keeping the set temperature indication with red/green LED
- preset timer function 1, 2, 3, 4, 5, 10, 15, 20, 25, 30 min. and continuous (max 12h)
- built in drain system
- stainless steel external panels
- internal tank dimensions LxDxH: 600 x 500 x 300 mm
- external dimensions LxDxH: 715 x 570 x 467 mm
- electrical connection: 1/N/PE 230 V - 50 Hz - 2,8 kW max
- basket VU90CSK not included



## Machine optionals

### AF4050 (art. 900670)

#### ABSOLUTE HEPA FILTER

- absolute HEPA filter kit class EN 1822-5 H14 99.995% for drying air



#### Machines

GW4090	GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP
GW4090C	GW4090P	GW6010	GW6010M	GW6010T
GW6010TM	GW6090B	GW6090BDS	GW6290DS	GW7010
GW7010M	GW7010T	GW7010TM	GW7015	

### AF4060 (art. 902814)

#### ABSOLUTE HEPA FILTER

- absolute HEPA filter kit class EN 1822-5 H14 99.995% for drying air



#### Machines

GW4060	GW4060C	GW4060S	GW4060SC	GW4190
GW4190C	GW4190S	GW4190SC		

## AS4060 (art. 902897)

### AQUA STOP WATER LEAK KIT

- detects water leaking from machine and stops it



#### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW4060	GW4060C	GW4060S
GW4060SC				

## AS4190 (art. 903079)

### AQUA STOP WATER LEAK KIT

- prevent accidental water leakage
- detects water leaking from machine and stops it



#### Machines

GW4190	GW4190C	GW4190S	GW4190SC
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## DRAINP6010 (art. 903465)

### DRAIN PUMP FOR WALL DRAIN

- additional pump for wall drain
- to be used when the standard floor drain is not available
- hose diameter: 21 mm



#### Machines

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM		

## DRAINP7015 (art. 904265)

### DRAIN PUMP FOR WALL DRAIN

- additional pump for wall drain
- to be used when the standard floor drain is not available
- hose diameter: 21 mm



### Machines

GW7015

## IC5090 (art. 901737)

### QUALITY WASHING CHECK CONDUCTIVITY SENSOR

- allows to detect impurities in the washing lye
- activates further rinse phases for achieving the perfect rinse



### Machines

GW3060BX	GW3060BXA	GW3060BXC	GW3060BXCA	GW3060P
GW3060PA	GW3060S	GW3060SA	GW3060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P				

**IC6000** (art. 901419)

**DIGITAL CONDUCTIVITY INDICATOR**

- monitors drain water conductivity
- measurement range between 0 and 20  $\mu\text{S}/\text{cm}$
- values shown on a backlit LCD display
- visual indications are given for detecting out-of-scale parameters
- installed inside machine's front panel



**Machines**

GW6090B                      GW6090BDS

**IC6010** (art. 903527)

**QUALITY WASHING CHECK CONDUCTIVITY SENSOR**

- allows to detect impurities in the washing lye
- activates further rinse phases for achieving the perfect rinse



**Machines**

GW6010	GW6010M	GW6010T	GW6010TM	GW6290
GW6290DS	GW7010	GW7010M	GW7010T	GW7010TM
GW7015				

**IRCP** (art. 903000)

**CEILING SPRAY ARM**

- additional ceiling spray arm
- improves the washing efficiency of complex glassware shapes
- made of stainless steel AISI 316L



**Machines**

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA



GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC	GW4060	GW4060C	GW4060S	GW4060SC
GW4090	GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP
GW4090C	GW4090P	GW4190	GW4190C	GW4190S
GW4190SC				

## **LED6010 (art. 903409)**

### **LED LIGHTING FOR WASHING CHAMBER**

- n. 4 LED lights ensuring complete chamber illumination
- allows chamber inspection during the washing cycle
- lights can be replaced from inside chamber



### **Machines**

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM	GW7015	

## **RACKREC60 (art. 903458)**

### **WASHING TROLLEY RECOGNITION SYSTEM**

- washing trolley automatic recognition system
- allows automatic program selection of the washing cycle

### **Machines**

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM		

## STEAMCO15 (art. 904267)

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### ECOSLIM STEAM CONDENSER

- high efficiency condenser
- cold water spray
- to be used for eliminating exhaust air vapour
- avoid connection with exhaust air duct

#### Machines

GW7015

## STEAMCO60 (art. 903466)

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### ECOSLIM STEAM CONDENSER

- high efficiency condenser
- cold water spray
- to be used for eliminating exhaust air vapour
- avoid connection with exhaust air duct

#### Machines

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM		

## STEAMFEED15 (art. 904313)

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### HYBRID STEAM HEATING FOR CHAMBER

- steam heating element for washing chamber
- reduces efficiently electrical consumption
- hybrid system electric + steam
- provided with condensed steam "loop"
- made of stainless steel

#### Machines

GW7015

## STEAMFEED60 (art. 903528)

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### HYBRID STEAM HEATING

- steam heating element for washing chamber
- reduces efficiently electrical consumption
- hybrid system electric + steam
- provided with condensed steam "loop"
- made of stainless steel

### Machines

GW6010

GW6010M

GW6010T

GW6010TM

## STEAMFEED70 (art. 904016)

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### HYBRID STEAM HEATING

- steam heating element for washing chamber
- reduces efficiently electrical consumption
- hybrid system electric + steam
- provided with condensed steam "loop"
- made of stainless steel

### Machines

GW7010

GW7010M

GW7010T

GW7010TM

## TOP45I (art. 902032)

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### BUILT-IN TOP 45 CM

- for built-in mounting solution
- reduces machine height at 830 mm



### Machines

GW2145

GW2145A

## TOP60I (art. 902033)

### BUILT-IN TOP 60 CM

- for built-in mounting solution
- reduces machine height at 830 mm



#### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC	GW4060	GW4060C	GW4060S	GW4060SC

## TOP90I (art. 902034)

### BUILT-IN TOP 90 CM

- for built-in mounting solution
- reduces machine height at 830 mm



#### Machines

GW4090	GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP
GW4090C	GW4090P			

## TOP90IB (art. 903523)

### BUILT-IN TOP 90 CM

- for built-in mounting solution
- reduces machine height at 830 mm



#### Machines

GW4190	GW4190C	GW4190S	GW4190SC
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## WD-VDS (art. 902592)

### DUAL DRAIN VALVE

- separates and channels polluted drain water used in the first washing cycle for final rinsing water



### Machines

GW3060BX	GW3060BXA	GW3060BXC	GW3060BXCA	GW3060P
GW3060PA	GW3060S	GW3060SA	GW3060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P	GW6090B	GW6090BDS	GW6290	GW6290DS

## WD-VDS6010 (art. 903671)

### DUAL DRAIN VALVE

- separates and channels polluted drain water used in the first washing cycle for final rinsing water



### Machines

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM	GW7015	

## Plinths and support frames

### B6040L (art. 902487)

#### STAINLESS STEEL PLINTH FOR 60 CM MACHINES WITH LOCK

- dimensions LxDxH: 600 x 530 x 400 mm
- rises the machine working level to 70 cm from the floor
- detergent cabinet with front door
- equipped with adjustable feet
- detergent cabinet with anti-drop tray
- front door with lock
- made of stainless steel



#### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC	GW4060	GW4060C	GW4060S	GW4060SC

### B9040L (art. 902813)

#### STAINLESS STEEL PLINTH FOR 90 CM MACHINES WITH LOCK

- dimensions LxDxH: 900 x 530 x 400 mm
- rises the machine working level to 70 cm from the floor
- detergent cabinet with front door
- equipped with adjustable feet
- detergent cabinet with anti-drop tray
- front door with lock
- made of stainless steel



#### Machines

GW4090	GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP
GW4090C	GW4090P	GW4190	GW4190C	GW4190S
GW4190SC				

## CP3050 (art. 900922)

### CABINET FOR DETERGENTS AND DEMINERALIZER

- cabinet for housing cans of detergent or demineralization columns
- mountable beside the washing machine
- dimensions LxDxH: 300 x 600 x 850 mm



## T6040 (art. 902416)

### STAINLESS STEEL FRAME FOR 60 CM MACHINES

- dimensions LxDxH: 600 x 530 x 400 mm
- rises the machine working level to 70 cm from the floor
- facilitates cleaning the machine underneath
- made of stainless steel



### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC	GW4060	GW4060C	GW4060S	GW4060SC

**T9040** (art. 902415)

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**STAINLESS STEEL FRAME FOR 90 CM MACHINES**

- dimensions LxDxH: 900 x 530 x 400 mm
- brings machine load level to 70 cm from the ground
- facilitates cleaning the machine underneath
- made of stainless steel



**Machines**

GW4090	GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP
GW4090C	GW4090P	GW4190	GW4190C	GW4190S
GW4190SC				



## Booster pumps for demineralized water

### PAD (art. 900644)

#### BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER

- allows machine water supply with demineralized water from a non-pressure tank positioned at a minimum height from the floor of 85 cm



#### Machines

GW3060BX	GW3060BXA	GW3060BXC	GW3060BXCA	GW3060P
GW3060PA	GW3060S	GW3060SA	GW3060SC	GW4090
GW4090A	GW4090BXC	GW4090BXP	GW4090C	GW4090P

### PAD1 (art. 901394)

#### BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER

- allows machine water supply with demineralized water drawn from a non-pressure tank positioned at a minimum height from the floor of 85 cm



#### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW2145	GW2145A	GW4060
GW4060C	GW4060S	GW4060SC	GW4190	GW4190C
GW4190S	GW4190SC			

### PAD2 (art. 900989)

#### BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER

- used on machines for supplying demineralized water from a tank placed on the floor
- could require PAD2R kit



#### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
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GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW2145	GW2145A	GW3060BX
GW3060BXA	GW3060BXC	GW3060BXCA	GW3060P	GW3060PA
GW3060S	GW3060SA	GW3060SC	GW4060	GW4060C
GW4060S	GW4060SC	GW4090	GW4090A	GW4090BXC
GW4090BXCA	GW4090BXP	GW4090C	GW4090P	GW4190
GW4190C	GW4190S	GW4190SC	GW6090B	GW6090BDS
GW6290	GW6290DS			

**PAD2-60** (art. 901789)

**BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER**

- allows machine with demineralized water supply from a tank which must be positioned on the floor
- could require PAD2R kit



**Machines**

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW2145	GW2145A	GW3060BX
GW3060BXA	GW3060BXC	GW3060BXCA	GW3060P	GW3060PA
GW3060S	GW3060SA	GW3060SC	GW4060	GW4060C
GW4060S	GW4060SC	GW4090	GW4090A	GW4090BXC
GW4090BXCA	GW4090BXP	GW4090C	GW4090P	GW4190
GW4190C	GW4190S	GW4190SC	GW6090B	GW6090BDS
GW6290	GW6290DS			

**PAD26010** (art. 903840)

**BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER**

- used on machines for supplying demineralized water from a tank placed on the floor



**Machines**

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM	GW7015	

## PAD2R (art. 903001)

### PAD2 RELAY KIT

- controls PAD2 pump on basic machines



### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW2145	GW2145A	GW4060
GW4060C	GW4060S	GW4060SC	GW4190	GW4190C
GW4190S	GW4190SC			

## PAD2X (art. 903330)

### ST. STEEL BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER

- used on machines for supplying demineralized water from a tank placed on the floor
- pump head made of stainless steel
- could require PAD2R kit



### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW2145	GW2145A	GW3060BX
GW3060BXA	GW3060BXC	GW3060BXCA	GW3060P	GW3060PA
GW3060S	GW3060SA	GW3060SC	GW4060	GW4060C
GW4060S	GW4060SC	GW4090	GW4090A	GW4090BXC
GW4090BXCA	GW4090BXP	GW4090C	GW4090P	GW4190
GW4190C	GW4190S	GW4190SC	GW6090B	GW6090BDS
GW6290	GW6290DS			

**PAD2X-60** (art. 903332)

**BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER - 60 HZ**

- allows machine with demineralized water supply from a tank which must be positioned on the floor
- could require PAD2R kit



**Machines**

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW2145	GW2145A	GW3060BX
GW3060BXA	GW3060BXC	GW3060BXCA	GW3060P	GW3060PA
GW3060S	GW3060SA	GW3060SC	GW4060	GW4060C
GW4060S	GW4060SC	GW4090	GW4090A	GW4090BXC
GW4090BXCA	GW4090BXP	GW4090C	GW4090P	GW4190
GW4190C	GW4190S	GW4190SC	GW6090B	GW6090BDS
GW6290	GW6290DS			

**PAD2X6010** (art. 903841)

**ST. STEEL BOOSTER PUMP FOR NON-PRESSURE DEMINERALIZED WATER**

- used on machines for supplying demineralized water from a tank placed on the floor
- pump head made of stainless steel



**Machines**

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM	GW7015	

## Additional peristaltic pumps

### ADU (art. 902362)

#### UNIVERSAL PERISTALTIC PUMP FOR LIQUID ADDITIVES

- for dosing liquid additives (ex: alkaline detergent, caustic solution or antifoam)
- with stainless steel drawing pipe
- suitable for 2 liters, 5 liters, 10 liters cans



#### Machines

GW3060BX	GW3060BXA	GW3060BXC	GW3060BXCA	GW3060S
GW3060SA	GW3060SC	GW4090	GW4090A	GW4090BXC
GW4090BXCA	GW4090BXP	GW4090C	GW4090P	

### FLUX4060 (art. 902900)

#### DOSING CONTROL FOR ADDITIONAL PERISTALTIC PUMPS

- allows double control for proper dosage of detergent and liquid neutralizer



#### Machines

GW1160	GW1160A	GW1160C	GW1160CA	GW1160S
GW1160SA	GW1160SC	GW1160SCA	GW4060	GW4060C
GW4060S	GW4060SC	GW4190	GW4190C	GW4190S
GW4190SC				

**P12145** (art. 903766)

**PERISTALTIC PUMP FOR LIQUID DETERGENT**

- for dosing liquid alkaline detergent
- with stainless steel drawing pipe
- suitable for 2 liters, 5 liters, 10 liters cans



**Machines**

GW2145                      GW2145A

**P14060** (art. 902904)

**PERISTALTIC PUMP FOR LIQUID DETERGENT**

- for dosing liquid alkaline detergent
- with stainless steel drawing pipe
- suitable for 2 liters, 5 liters, 10 liters cans



**Machines**

GW0160                      GW0160A                      GW1160                      GW1160A                      GW1160C  
 GW1160CA                      GW4060                      GW4060C                      GW4190                      GW4190C

**P14190** (art. 903418)

**PERISTALTIC PUMP FOR LIQUID DETERGENT**

- for dosing liquid alkaline detergent
- with stainless steel drawing pipe
- suitable for 2 liters, 5 liters, 10 liters cans



**Machines**

GW4190                      GW4190C                      GW4190S                      GW4190SC

**P34060** (art. 902858)

**PERISTALTIC PUMP FOR CAUSTIC SODA**

- for dosing caustic soda solution
- with stainless steel drawing pipe
- suitable for 2 liters, 5 liters, 10 liters cans



**Machines**

GW1160	GW1160A	GW1160C	GW1160CA	GW1160S
GW1160SA	GW1160SC	GW1160SCA	GW4060	GW4060C
GW4060S	GW4060SC			

**P34190** (art. 903080)

**PERISTALTIC PUMP FOR LIQUID ADDITIVES**

- for dosing liquid additives (ex: alkaline detergent, caustic solution or antifoam)
- with stainless steel drawing pipe
- suitable for 2 liters, 5 liters, 10 liters cans



**Machines**

GW4190	GW4190C	GW4190S	GW4190SC
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**P36010** (art. 903531)

**PERISTALTIC PUMP FOR LIQUID ADDITIVES**

- for dosing liquid additives (ex: alkaline detergent, caustic solution or antifoam)
- with stainless steel drawing pipe
- suitable for 2 liters, 5 liters, 10 liters cans



**Machines**

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM	GW7015	

**P36090B** (art. 902886)

**PERISTALTIC PUMP FOR LIQUID ADDITIVES**

- for dosing liquid additives (ex: alkaline detergent, caustic solution or antifoam)
- with stainless steel drawing pipe
- suitable for 2 liters, 5 liters, 10 liters cans



**Machines**

GW6090B                      GW6090BDS                      GW6290                      GW6290DS

**P44060** (art. 903333)

**PERISTALTIC PUMP FOR LIQUID ANTIFOAM**

- for dosing liquid antifoam
- with stainless steel drawing pipe
- suitable for 2 liters, 5 liters, 10 liters cans



**Machines**

GW1160                      GW1160A                      GW1160C                      GW1160CA                      GW1160S  
 GW1160SA                      GW1160SC                      GW1160SCA                      GW4060                      GW4060C  
 GW4060S                      GW4060SC

**P44190** (art. 903337)

**PERISTALTIC PUMP FOR LIQUID ANTIFOAM**

- for dosing liquid antifoam
- with stainless steel drawing pipe
- suitable for 2 liters, 5 liters, 10 liters cans



**Machines**

GW4190                      GW4190C                      GW4190S                      GW4190SC



**P46010** (art. 903530)

**PERISTALTIC PUMP FOR LIQUID ANTIFOAM**

- for dosing liquid antifoam
- with stainless steel drawing pipe
- suitable for 2 liters, 5 liters, 10 liters cans



**Machines**

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM	GW7015	

**P46090B** (art. 903608)

**PERISTALTIC PUMP FOR LIQUID ADDITIVES**

- for dosing liquid additives (ex: alkaline detergent, caustic solution or antifoam)
- with stainless steel drawing pipe
- suitable for 2 liters, 5 liters, 10 liters cans



**Machines**

GW6090B	GW6090BDS	GW6290	GW6290DS
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**P57015** (art. 904266)

**PERISTALTIC PUMP FOR LIQUID ADDITIVES**

- for dosing liquid additives (ex: alkaline detergent, caustic solution or antifoam)
- with stainless steel drawing pipe
- suitable for 2 liters, 5 liters, 10 liters cans



**Machines**

GW7015
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## TANKBSK (art. 902591)

### UPPER LEVEL CAN HOLDER BASKET

- capacity: 2 x 5 liters cans
- necessary in case of additional pumps WD-AD5HT or WD-AD6HT
- expands detergent cabinet capacity from 2 to 4 x 5 liters cans



#### Machines

GW4190

GW4190C

GW4190S

GW4190SC

## WD-FLUX (art. 901703)

### FLOW METER FOR ADDITIONAL PERISTALTIC PUMPS

- allows redundant control for proper dosage of detergent and liquid neutralizer



#### Machines

GW6090B

GW6090BDS

GW6290

GW6290DS

## WD-FLUX6010 (art. 903459)

### DETERGENT DOSAGE CONTROL FOR ADDITIONAL PERISTALTIC PUMPS

- allows double control for proper dosage of detergent and liquid neutralizer



#### Machines

GW6010

GW6010M

GW6010T

GW6010TM

GW7010

GW7010M

GW7010T

GW7010TM

GW7015

## WD-LS3060 (art. 902084)

### DETERGENT LEVEL SENSOR

- with adjustable sensor for cans of different heights
- suitable for all models of 45 e 60 cm



### Machines

GW1160	GW1160A	GW1160C	GW1160CA	GW1160S
GW1160SA	GW1160SC	GW1160SCA	GW2145	GW2145A
GW3060BX	GW3060BXA	GW3060BXC	GW3060BXCA	GW3060P
GW3060PA	GW3060S	GW3060SA	GW3060SC	GW4060
GW4060C	GW4060S	GW4060SC	GW6090B	GW6090BDS
GW6290	GW6290DS			

## WD-LS4190 (art. 903167)

### DETERGENT LEVEL SENSOR

- with adjustable sensor for cans of different heights
- suitable for 90 cm models



### Machines

GW4190	GW4190C	GW4190S	GW4190SC
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## WD-LS5090 (art. 901710)

### DETERGENT LEVEL SENSOR

- with adjustable sensor for cans of different heights
- suitable for all models 90 cm and large dimensions



### Machines

GW4090	GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP
GW4090C	GW4090P			

**WD-LS6010** (art. 903525)

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**DETERGENT LEVEL SENSOR**

- with adjustable sensor for cans of different heights
- suitable for 6010/7010 series



**Machines**

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM	GW7015	

## Traceability

### KITCON232 (art. 903284)

#### RS232 CONNECTION KIT

- RS232 – USB converter
- male – female straight connecting cable
- female – female crossover connecting cable



### TRACELOG (art. 903098)

#### REMOTE CONTROL AND TRACEABILITY SOFTWARE

- updates of the control software to be uploaded from the machine (firmware) without authorised technical staff having to disassemble/reassemble the machine components
- real time remote control of the progress of thermal disinfection cycles being performed
- real time remote control of all important machine operating parameters
- setting and/or changing of new washing cycles from a PC and then memorizing them on the machine
- downloading and archiving performed thermal disinfection cycles on a PC
- checking obtained A0 parameter values in real time by drawing a time/temperature graph of one of the thermal disinfection cycles performed



#### Machines

GW1160	GW1160A	GW1160C	GW1160CA	GW1160S
GW1160SA	GW1160SC	GW1160SCA	GW4060	GW4060C
GW4060S	GW4060SC	GW4190	GW4190C	GW4190S
GW4190SC				

## WD-LAN60 (art. 903460)

### DATA COMMUNICATION CARD

- LAN ethernet connection

#### Machines

GW6010	GW6010M	GW6010T	GW6010TM	GW6290
GW6290DS	GW7010	GW7010M	GW7010T	GW7010TM
GW7015				

## WD-LANE (art. 903091)

### DATA COMMUNICATION CARD

- LAN ethernet connection



#### Machines

GW1160	GW1160A	GW1160C	GW1160CA	GW1160S
GW1160SA	GW1160SC	GW1160SCA	GW3060BX	GW3060BXA
GW3060BXC	GW3060BXCA	GW3060P	GW3060PA	GW3060S
GW3060SA	GW3060SC	GW4060	GW4060C	GW4060S
GW4060SC	GW4190	GW4190C	GW4190S	GW4190SC

## WD-LANI (art. 903090)

### DATA COMMUNICATION CARD

- LAN ethernet connection



#### Machines

GW4090	GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP
GW4090C	GW4090P	GW6090B	GW6090BDS	

## WD-PRINT6 (art. 902887)

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### PANEL PRINTER

- dot matrix thermal printing
- real time clock
- for panel fastening
- dimensions LxDxH: 120 x 170 x 40 mm
- thermal paper roll diameter: 50 mm - width: 57 mm (cod. WD-PAPER)



### Machines

GW6090B                      GW6090BDS

## WD-PRINT9 (art. 903092)

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### PANEL PRINTER

- dot matrix thermal printing
- real time clock
- for panel fastening
- dimensions LxDxH: 120 x 170 x 40 mm
- thermal paper roll diameter: 50 mm - width: 57 mm (cod. WD-PAPER)



### Machines

GW4190                      GW4190C                      GW4190S                      GW4190SC

## WD-PRINTE (art. 901783)

### EXTERNAL PRINTER

- dot matrix thermal printing
- real time clock
- thermal paper roll diameter: 50 mm - width: 57 mm (cod. WD-PAPER)
- equipped with independent power supply



### Machines

GW1160	GW1160A	GW1160C	GW1160CA	GW1160S
GW1160SA	GW1160SC	GW1160SCA	GW2145	GW2145A
GW3060BX	GW3060BXA	GW3060BXC	GW3060BXCA	GW3060P
GW3060PA	GW3060S	GW3060SA	GW3060SC	GW4060
GW4060C	GW4060S	GW4060SC	GW4090	GW4090A
GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C	GW4090P

## WD-PRINTEINK (art. 903740)

### EXTERNAL IMPACT PRINTER

- impact printer
- paper roll diameter: 50 mm - width: 57 mm (cod. WD-PAPER)
- equipped with independent power supply



### Machines

GW6010	GW6010M	GW6010T	GW6010TM	GW6290
GW6290DS	GW7010	GW7010M	GW7010T	GW7010TM
GW7015				



## WD-PRINTP6010 (art. 903462)

### CLEAN SIDE PANEL PRINTER

- dot matrix thermal printing
- real time clock
- fitted on clean side panel
- dimensions LxDxH: 120 x 170 x 40 mm
- thermal paper roll diameter: 50 mm - width: 57 mm (cod. WD-PAPER)



### Machines

GW6010	GW6010M	GW6010T	GW6290	GW7010
GW7010M	GW7010T	GW7010TM		

## WD-PRINTS6010 (art. 903407)

### UNCLEAN SIDE PANEL PRINTER

- dot matrix thermal printing
- real time clock
- fitted on unclean side panel
- dimensions LxDxH: 120 x 170 x 40 mm
- thermal paper roll diameter: 50 mm - width: 57 mm (cod. WD-PAPER)



### Machines

GW6010	GW6010M	GW6010T	GW6010TM	GW6290
GW6290DS	GW7010	GW7010M	GW7010T	GW7010TM

**WDTRACE** (art. 901684)

**REMOTE CONTROL AND TRACEABILITY SOFTWARE**

- updates of the control software to be uploaded from the machine (firmware) without authorised technical staff having to disassemble/reassemble the machine components
- real time remote control of the progress of thermal disinfection cycles being performed
- real time remote control of all important machine operating parameters
- setting and/or changing of new washing cycles from a PC and then memorizing them on the machine
- downloading and archiving performed thermal disinfection cycles on a PC
- checking obtained A0 parameter values in real time by drawing a time/temperature graph of one of the thermal disinfection cycles performed



**Machines**

GW3060BX	GW3060BXA	GW3060BXC	GW3060BXCA	GW3060P
GW3060PA	GW3060S	GW3060SA	GW3060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P				

**WDTRACEPC** (art. 902474)

**PC + REMOTE CONTROL AND TRACEABILITY SOFTWARE**

- personal computer with preloaded remote control and traceability software
- updates of the control software to be uploaded from the machine (firmware) without authorised technical staff having to disassemble/reassemble the machine components
- real time remote control of the progress of thermal disinfection cycles being performed
- real time remote control of all important machine operating parameters
- setting and/or changing of new washing cycles from a PC and then memorizing them on the machine
- downloading and archiving performed thermal disinfection cycles on a PC
- checking obtained A0 parameter values in real time by drawing a time/temperature graph of one of the thermal disinfection cycles performed



## Machine accessories

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### Water Treatment: Demineralizer

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#### WO-10 (art. 090008)

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##### PURIFIER FOR REVERSE OSMOSIS IN STAINLESS STEEL

- electronic control panel
- alarm for filter depletion
- alarm for lack of water supply
- alarm for anti-flood with automatic blocking system
- automatic timed wash of membranes in case of prolonged inactivity
- counters for hours and liters
- water outlet conductivity (max): 5-30  $\mu\text{S}/\text{cm}$
- hourly production: 120 liters/h
- production and conductivity depend on both the chemical characteristics of the water inlet and the clogging of the membranes
- recovery rate: 40%
- pre-treatment on water inlet: activated carbon filter
- water inlet pressure (min / max): 1,5 / 6 bar
- water inlet hardness (max): 40 °f
- water inlet temperature (max): 30 °C
- water inlet conductivity (max): 2000  $\mu\text{S}/\text{cm}$
- external dimensions LxDxH: 143 x 450 x 456 mm
- weight (net / gross): 15 / 17 kg
- electrical connection: 1/N/PE 230 V - 50 Hz - 150 W



**WP3000** (art. 900187)

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**WATER PURIFIER - MIXED BED RESIN**

- to provide demineralized water from tap water
- conductivity sensor included to indicate exhausted resins
- external dimensions LxDxH: 300 x 660 x 850 mm
- complete with CL3000 column
- resins kit MI700WP
- auxiliary draw-off valve



## Water Treatment: Softener

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### **WS11EB** (art. 903196)

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#### **PROFESSIONAL WATER SOFTENER - RESIN CAPACITY 11 LITRES**

- timed 5 phase regeneration
- hardness regulation mixer
- cycling capacity of water production: 1650 liters at 0 °f with incoming water at 40 °f
- salt consumption for regeneration cycle 1,0 kg about
- plastic reinforced by incorporated fiberglass
- dimensions LxDxH: 300 x 470 x 660 mm
- filter pot holder of 9" included
- 3/4" IN and OUT connections



### **WS14EB** (art. 903197)

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#### **PROFESSIONAL WATER SOFTENER - RESIN CAPACITY 14 LITRES**

- timed 5 phase regeneration
- hardness regulation mixer
- cycling capacity of water production: 2250 liters at 0 °f with incoming water at 40 °f
- salt consumption for regeneration cycle 1,2 kg about
- plastic reinforced by incorporated fiberglass
- dimensions LxDxH: 300 x 470 x 815 mm
- filter pot holder of 9" included
- 3/4" IN and OUT connections



## **WS17EB** (art. 903198)

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### **PROFESSIONAL WATER SOFTENER - RESIN CAPACITY 17 LITRES**

- timed 5 phase regeneration
- hardness regulation mixer
- cycling capacity of water production: 2700 liters at 0 °f with incoming water at 40 °f
- salt consumption for regeneration cycle 1,8 kg about
- plastic reinforced by incorporated fiberglass
- dimensions LxDxH: 300 x 470 x 1070 mm
- filter pot holder of 9" included
- 3/4" IN and OUT connections



## Trolleys

### Base trolleys

#### C61 (art. 900934)

##### TROLLEY FOR LEVEL I (LOWER)

- to be used as a base for spray washing and as support for multi-nozzle systems
- equipped with bottom sprayer
- complete with bottom rack in stainless steel mesh
- made of stainless steel



##### Machines

GW6090B

GW6090BDS

GW6290

GW6290DS

#### C62 (art. 900935)

##### TROLLEY WITH SPRAYER FOR LEVELS II AND III (MIDDLE AND UPPER)

- to be used as a base for spray washing
- complete with bottom rack in mesh and built-in sprayer
- made of stainless steel



##### Machines

GW6090B

GW6090BDS

GW6290

GW6290DS

#### C63 (art. 900936)

##### UNIVERSAL SUPPORT FOR INJECTION SYSTEMS

- trolley for levels II and III (middle and upper)
- to be used as a telescopic support frame for holding injection systems
- made of stainless steel



##### Machines

GW6090B

GW6090BDS

GW6290

GW6290DS

**CLB210** (art. 903664)

**BASE RACK FOR GLASSWARE**

- base rack for glassware
- possibility of fitting up to 2 different levels
- inserts not included
- made of stainless steel



**Machines**

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM		

**CLB310** (art. 903663)

**BASE RACK FOR GLASSWARE**

- base rack for glassware
- possibility of fitting up to 3 different levels
- inserts not included
- made of stainless steel



**Machines**

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM		



## CLB510 (art. 903524)

### BASE RACK FOR GLASSWARE

- base rack for glassware
- possibility of fitting up to 5 different levels
- inserts not included
- made of stainless steel



### Machines

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM		

## CS1-1 (art. 901696)

### UPPER TROLLEY WITH SPRAYER

- suitable for holding of supports and baskets
- usable area LxD: 460 x 450 mm
- usable height adjustable on two positions: 190 mm or 240 mm
- made of stainless steel



### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC	GW4060	GW4060C	GW4060S	GW4060SC
GW4090	GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP
GW4090C	GW4090P	GW4190	GW4190C	GW4190S
GW4190SC				

## CS2 (art. 900032)

### LOWER TROLLEY

- suitable for holding of supports and baskets
- usable area LxD: 480 x 500 mm
- usable height: 230 mm
- made of stainless steel



### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC	GW4060	GW4060C	GW4060S	GW4060SC
GW4090	GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP
GW4090C	GW4090P	GW4190	GW4190C	GW4190S
GW4190SC				

## D-CS1 (art. 901204)

### UPPER TROLLEY WITH SPRAYER 45CM

- suitable for holding of supports and baskets
- usable area LxD: 310 x 430 mm
- usable height: 250 mm
- made of stainless steel



### Machines

GW2145	GW2145A
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## D-CS2 (art. 901205)

### LOWER TROLLEY 45 CM

- suitable for holding of supports and baskets
- usable area LxD: 330 x 450 mm
- usable height: 250 mm
- made of stainless steel



### Machines

GW2145

GW2145A

## INSPLAV10 (art. 903545)

### SINGLE WASHING LEVEL

- intermediate level with integrated spraying arm
- made of stainless steel



### Machines

GW6010

GW6010M

GW6010T

GW6010TM

GW7010

GW7010M

GW7010T

GW7010TM

## LCB6010 (art. 903883)

### BASE RACK FOR GLASSWARE

- base rack for glassware
- equipped with a single level to accommodate up to 2 collectors (one for each single half-level)
- made of stainless steel



### Machines

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM		

## LCB7015 (art. 904312)

### BASE RACK FOR GLASSWARE

- base rack for glassware
- equipped with a single level to accommodate up to 2 collectors (one for each single half-level)
- made of stainless steel

### Machines

GW7015

## MAGBAR10 (art. 903457)

### MAGNET GROUP FOR AUTOMATIC TROLLEY RECOGNITION

- to be installed on the washing trolley
- allows the automatic trolley recognition
- to be used with RACKREC60 optional

### Machines

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM		

## Narrow neck glassware injection trolleys

### COBE63 (art. 954383)

#### COLLECTOR FOR FLASKS

- suitable for washing 3 flasks up to 3 liters (max diameter: 188 mm) or 6 glassware up to 2 liters (max diameter: 140 mm)
- equipped with the following nozzles: 6 x U4180 (180 mm)
- n. 2 long dividers
- n. 2 short dividers
- use on trolleys LCB6010
- overall dimension equal to half of the washing surface



#### Machines

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM		

### COBE6315 (art. 955036)

#### COLLECTOR FOR FLASKS

- suitable for washing 6 flasks up to 3 liters (max diameter: 188 mm) or 8 glassware up to 2 liters (max diameter: 140 mm)
- equipped with the following nozzles: 13 x U4180 (180 mm)
- n. 2 long dividers
- n. 2 short dividers
- use on trolleys LCB7015
- overall dimension equal to half of the washing surface

## INS12U4180DV (art. 903954)

### UNIVERSAL INJECTION TROLLEY WITH 12 POSITIONS

- suitable for washing 12 bottles up to 1 liter or 6 flasks up to 2 liters
- equipped with the following nozzles: 12 x U4180 (180 mm), 6 x U6260 (260 mm)
- equipped with 12 caps for configuration
- equipped with wire dividers (adjustable position) and perimetral support
- nozzles with support for the glassware neck
- suitable for trolleys CLB210 / CLB310 / CLB510
- made of stainless steel



#### Machines

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM		

## INS20U4180DV (art. 903918)

### UNIVERSAL INJECTION TROLLEY WITH 20 POSITIONS

- suitable for washing 20 bottles up to 1 liter
- equipped with the following nozzles: 20 x U4180 (180 mm)
- equipped with wire dividers (adjustable position) and perimetral support
- nozzles with support for the glassware neck
- suitable for trolleys CLB210 / CLB310 / CLB510
- made of stainless steel



#### Machines

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM		

**INS28U4140** (art. 904276)

**UNIVERSAL INJECTION TROLLEY WITH 28 POSITIONS**

- suitable for washing 28 pieces of medium and small size glassware
- equipped with the following nozzles: 28 x U4140 (140 mm)
- nozzles with support for the glassware neck
- suitable for trolleys CLB210 / CLB310 / CLB510
- made of stainless steel

**Machines**

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM		

**INS28U6260** (art. 903546)

**UNIVERSAL INJECTION TROLLEY WITH 28 POSITIONS**

- suitable for washing 28 pieces of medium size glassware
- equipped with the following nozzles: 28 x U6260 (260 mm)
- nozzles with support for the glassware neck
- suitable for trolleys CLB210 / CLB310 / CLB510
- made of stainless steel



**Machines**

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM		

**INS42U4180** (art. 904096)

**UNIVERSAL INJECTION TROLLEY WITH 56 POSITIONS**

- suitable for washing 56 pieces of medium and small size glassware
- equipped with the following nozzles: 56 x U4180 (180 mm)
- nozzles with support for the glassware neck
- suitable for trolleys CLB210 / CLB310 / CLB510
- made of stainless steel

**Machines**

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM		

**INS56U390** (art. 903547)

**UNIVERSAL INJECTION TROLLEY WITH 56 POSITIONS**

- suitable for washing 56 pieces of medium and small size glassware
- equipped with the following nozzles: 56 x U390 (90 mm)
- nozzles with support for the glassware neck
- suitable for trolleys CLB210 / CLB310 / CLB510
- made of stainless steel



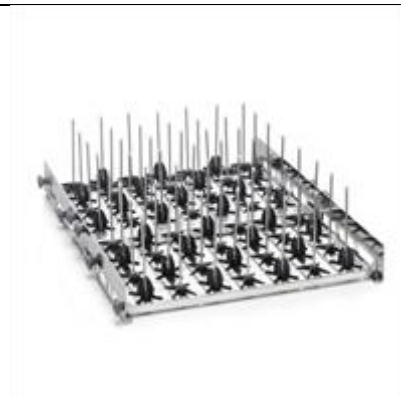
**Machines**

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM		

**INS56U4140** (art. 903543)

**UNIVERSAL INJECTION TROLLEY WITH 56 POSITIONS**

- suitable for washing 56 pieces of medium and small size glassware
- equipped with the following nozzles: 56 x U4140 (140 mm)
- nozzles with support for the glassware neck
- suitable for trolleys CLB210 / CLB310 / CLB510
- made of stainless steel



**Machines**

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM		



## INS56U4180 (art. 903544)

### UNIVERSAL INJECTION TROLLEY WITH 56 POSITIONS

- suitable for washing 56 pieces of medium and small size glassware
- equipped with the following nozzles: 56 x U4180 (180 mm)
- nozzles with support for the glassware neck
- suitable for trolleys CLB210 / CLB310 / CLB510
- made of stainless steel



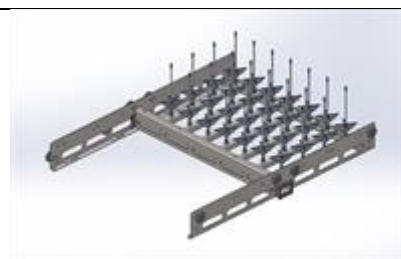
#### Machines

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM		

## INSM28U4140 (art. 903782)

### UNIVERSAL INJECTION TROLLEY WITH 28 POSITIONS - HALF SHELF

- suitable for washing 28 pieces of medium and small size glassware
- equipped with the following nozzles: 28 x U4140 (140 mm)
- nozzles with support for the glassware neck
- suitable for trolleys CLB210 / CLB310 / CLB510
- made of stainless steel



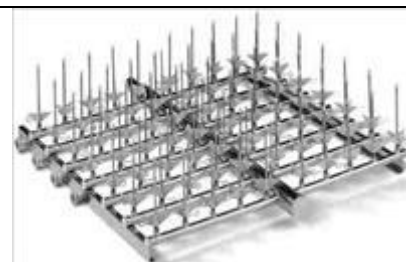
#### Machines

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM		

## L680 (art. 900782)

### UNIVERSAL INJECTION TROLLEY WITH 76 POSITIONS

- suitable for washing 76 pieces of medium and small dimension glassware
- equipped with the following nozzles: 76 x U4140 (140 mm)
- nozzles with support for the glassware neck adjustable for height
- positioned on the machine levels I or II
- coupled with supports C61 (level I) or C63 (level II)
- made of stainless steel



#### Machines

GW6090B

GW6090BDS

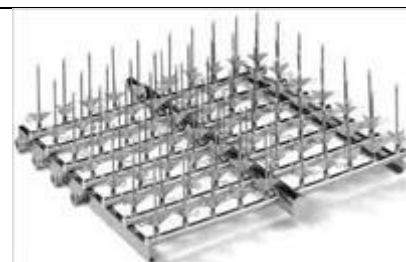
GW6290

GW6290DS

## L685 (art. 900743)

### UNIVERSAL INJECTION TROLLEY WITH 76 POSITIONS

- suitable for washing 76 pieces of medium and small dimension glassware
- equipped with the following nozzles: 6 x U390 (90 mm), 14 x U3110 (110 mm), 28 x U4140 (140 mm), 14 x U4180 (180 mm), 14 x U6240 (240 mm)
- nozzles with support for the glassware neck adjustable for height
- positioned on the machine levels I or II
- coupled with supports C61 (level I) or C63 (level II)
- made of stainless steel



#### Machines

GW6090B

GW6090BDS

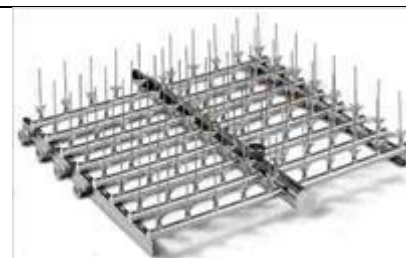
GW6290

GW6290DS

## L690 (art. 900810)

### UNIVERSAL INJECTION TROLLEY WITH 86 POSITIONS

- suitable for washing 86 pieces of medium and small dimension glassware
- equipped with the following nozzles: 86 x U3110 (110 mm)
- height adjustable polypropylene base nozzles
- positioned on the machine levels I, II or III
- coupled with supports C61 (level I) or C63 (level II and III)
- made of stainless steel



#### Machines

GW6090B

GW6090BDS

GW6290

GW6290DS

## LB16 (art. 900606)

### LOWER INJECTION TROLLEY FOR BOTTLES

- suitable for washing 16 glassware pieces
- narrow-neck bottles wide 250-1000 ml with dim. max. diam. 101 mm - h 450 mm
- graduated cylinders (diam. max 101mm - h 495mm)
- equipped with the following nozzles: 16 x U6170 (170 mm)
- positioned on the lower level
- made of stainless steel



### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC				

## LB16DS (art. 900604)

### LOWER INJECTION TROLLEY FOR BOTTLES WITH DRYING SYSTEM

- suitable for washing 16 glassware pieces
- narrow-neck bottles / wide 250-1000 ml with max. diam. 101 mm - h 450 mm
- graduated cylinders (diam. max. 101 mm - h 495 mm)
- equipped with the following nozzles: 16 x U6170 (170 mm)
- positioned on the lower level
- made of stainless steel



### Machines

GW4060	GW4060C	GW4060S	GW4060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P	GW4190	GW4190C	GW4190S	GW4190SC

## LB16I (art. 900605)

### UNIVERSAL INJECTION TROLLEY FOR BOTTLES

- suitable for washing 16 pieces to be chosen between :
- narrow-neck bottles / wide 250-1000 ml with max. diam. 101 mm - h 450 mm
- burette flasks 2000 ml (dim. max. diam. 160 mm - h 200 mm)
- graduated cylinders (dim. max. diam. 101 mm - h 495 mm)
- equipped with the following nozzles: 16 x U6170 (170 mm)
- positioned on the lower level
- made of stainless steel



### Machines

GW0160	GW0160A	GW1160	GW1160A	GW3060BX
GW3060BXA	GW3060BXC	GW3060BXCA	GW3060P	GW3060PA
GW3060S	GW3060SA	GW3060SC		

## LB16S (art. 900607)

### UPPER INJECTION TROLLEY FOR BOTTLES

- suitable for washing 16 narrow-neck bottles / wide 250-1000 ml (diam. max 101 mm - h 245 mm)
- equipped with the following nozzles: 16 x U6170 (170 mm)
- positioned on the upper level
- to be coupled with an injection rack on the lower level
- made of stainless steel



### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC				

## LB16S-DS (art. 900603)

### UPPER INJECTION TROLLEY FOR BOTTLES WITH DRYING SYSTEM

- suitable for washing and drying 16 narrow-neck bottles / wide 250-1000 ml (diam. max 101 mm - h 245 mm)
- équipé avec les buses suivantes: 16 x U6170 (170 mm)
- positioned on the upper level
- made of stainless steel



#### Machines

GW4060	GW4060C	GW4060S	GW4060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P	GW4190	GW4190C	GW4190S	GW4190SC

## LB32 (art. 900394)

### TWO LEVEL INJECTION TROLLEY FOR BOTTLES

- suitable for washing 32 narrow-neck bottles / wide 250-1000 ml (diam. max 101 mm - h 245 mm)
- equipped with the following nozzles: 32 x U6170 (170 mm)
- positioned on 2 levels
- made of stainless steel



#### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC				

## LB32DS (art. 900395)

### TWO LEVEL INJECTION TROLLEY FOR BOTTLES WITH DRYING SYSTEM

- suitable for washing and drying 32 narrow-neck bottles / wide 250-1000 ml (diam. max 101 mm - h 245 mm)
- equipped with the following nozzles: 32 x U6170 (170 mm)
- positioned on 2 levels
- made of stainless



#### Machines

GW4060	GW4060C	GW4060S	GW4060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P	GW4190	GW4190C	GW4190S	GW4190SC

## LB40 (art. 900566)

### TROLLEY FOR BUTYROMETERS

- suitable for washing 40 butyrometers
- specify the type of butyrometers when ordering
- positioned on the lower level
- made of stainless steel



#### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC				

## LB40DS (art. 900567)

### TROLLEY FOR BUTYROMETERS WITH DRYING SYSTEM

- suitable for washing and drying 40 butyrometers
- specify the type of butyrometers when ordering
- positioned on the lower level
- made of stainless steel



### Machines

GW4060	GW4060C	GW4060S	GW4060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P	GW4190	GW4190C	GW4190S	GW4190SC

## LB4B (art. 903669)

### TROLLEY FOR LARGE BOTTLES

- suitable for washing 4 x 10 liters bottles (d 227 x h 410 mm) or 4 x 5 liters bottles (d 182 x h 330 mm)
- suitable for washing 4 x 5 liters Erlenmeyer flasks
- equipped with the following nozzles: 4 x special
- positioned on the lower level
- made of stainless steel



### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC				

## LB4BDS (art. 903670)

### TROLLEY FOR LARGE BOTTLES

- suitable for washing 4 x 10 liters bottles (d 227 x h 410mm) or 4 x 5 liters bottles (d 182 x h 330 mm)
- suitable for washing 4 x 5 liters Erlenmeyer flasks
- equipped with 4 special nozzles
- positioned on the lower level
- made of stainless steel



### Machines

GW4060	GW4060C	GW4060S	GW4060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P	GW4190	GW4190C	GW4190S	GW4190SC

## LB8 (art. 900236)

### TROLLEY FOR LARGE DIMENSION GLASSWARE

- suitable for washing 8 large bottles max diam. 160mm max height 50 cm
- equipped with the following nozzles: 8 x U6260 (260 mm), 8 x specials
- positioned on the lower level
- made of stainless steel



### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC				



## LB8DS (art. 900363)

### TROLLEY FOR LARGE BOTTLES WITH DRYING SYSTEM

- suitable for washing and drying 8 large bottles max height 50 cm
- equipped with the following nozzles: 8 x U6260 (260 mm), 8 x special nozzles
- positioned on the lower level
- made of stainless steel



### Machines

GW4060	GW4060C	GW4060S	GW4060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P	GW4190	GW4190C	GW4190S	GW4190SC

## LBT5 (art. 901086)

### TROLLEY FOR BOTTLES

- suitable for washing 5 x 5 liters bottles (d 182 x h 500mm, d. neck max 80 mm)
- equipped with the following nozzles: 5 x special
- positioned on the lower level
- made of stainless steel



### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC				

## LBT5DS (art. 901085)

### TROLLEY FOR BOTTLES WITH DRYING SYSTEM

- suitable for washing and drying 5 x 5 liters bottles (d 182 x h 500 mm, d. neck max 80 mm)
- equipped with the following nozzles: 5 x special
- positioned on the lower level
- made of stainless steel



### Machines

GW4060	GW4060C	GW4060S	GW4060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P	GW4190	GW4190C	GW4190S	GW4190SC

## LM20 (art. 900234)

### UNIVERSAL FLASK WASHING - 20 POSITIONS

- suitable for washing narrow-necked glassware up to 490 mm in height
- equipped with the following nozzles: 2 x U6260 (260 mm), 2 x U6240 (240 mm), 2 x U6220 (220 mm), 3 x U4180 (180 mm), 2 x U4160 (160 mm), 2 x U4140 (140 mm), 3 x U3110 (110 mm), 4 x U390 (90 mm), 1 x UC6 (curved)
- half trolley for free loading, to be completed with test tube baskets, Erlenmeyer flask supports, basket CSK2
- positioned on the lower level
- made of stainless steel



### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW3060BX	GW3060BXA	GW3060BXC	GW3060BXCA	GW3060P
GW3060PA	GW3060S	GW3060SA	GW3060SC	

## LM20BX (art. 903979)

### FLEXIBLE FLASK WASHING - 20 POSITIONS

- suitable for washing narrow-necked glassware up to 490mm in height
- 20 positions rack without nozzles
- to be equipped with 20 nozzles (unused positions must be covered with caps cod. TAPPOUG)
- half trolley for free loading, to be completed with test tube baskets, Erlenmeyer flask supports, basket CSK2
- positioned on the lower level
- made of stainless steel
- for nozzles configuration consult your Area Manager



### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW3060BX	GW3060BXA	GW3060BXC	GW3060BXCA	GW3060P
GW3060PA	GW3060S	GW3060SA	GW3060SC	

## LM20BXDS (art. 903980)

### FLEXIBLE FLASK WASHING WITH DRYING SYSTEM - 20 POSITIONS

- suitable for washing narrow-necked glassware up to 490mm in height
- 20 positions rack without nozzles
- to be equipped with 20 nozzles (unused positions must be covered with caps cod. TAPPOUG)
- half load rack to be arranged with test tubes support, flasks support, CSK2 basket
- positioned on the lower level
- made of stainless steel
- for nozzles configuration consult your Area Manager



### Machines

GW4060	GW4060C	GW4060S	GW4060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P	GW4190	GW4190C	GW4190S	GW4190SC

## LM20DS (art. 900235)

### UNIVERSAL FLASK WASHING WITH DRYING SYSTEM - 20 POSITIONS

- suitable for washing and drying narrow-necked glassware up to 490 mm in height
- equipped with the following nozzles: 2 x U6260 (260 mm), 2 x U6240 (240 mm), 2 x U6220 (220 mm), 3 x U4180 (180 mm), 2 x U4160 (160 mm), 2 x U4140 (140 mm), 3 x U3110 (110 mm), 4 x U390 (90 mm), 1 x UC6 (curved)
- half trolley for free loading, to be completed with test tube baskets, Erlenmeyer flask supports, basket CSK2
- positioned on the lower level
- made of stainless steel



#### Machines

GW4060	GW4060C	GW4060S	GW4060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P	GW4190	GW4190C	GW4190S	GW4190SC

## LM22S (art. 901746)

### UPPER UNIVERSAL FLASK WASHING – 22 POSITIONS

- suitable for washing narrow-necked glassware up to 225 mm in height
- equipped with the following nozzles: 12 x U4140 (140 mm), 5 x U3110 (110 mm), 5 x U390 (90 mm)
- positioned on the upper trolley level D-CS1
- made of stainless steel



#### Machines

GW2145	GW2145A
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## LM24 (art. 901345)

### UNIVERSAL FLASK WASHING - 24 POSITIONS

- suitable for washing narrow-necked glassware up to 490 mm in height
- equipped with the following nozzles: 6 x U6240 (240 mm), 5 x U6220 (220 mm), 6 x U4160 (160 mm), 5 x U4140 (140 mm), 2 x U3110 (110 mm)
- positioned on the lower trolley level D-CS2
- made of stainless steel



### Machines

GW2145                      GW2145A

## LM40 (art. 900023)

### UNIVERSAL FLASK WASHING - 40 POSITIONS

- suitable for washing narrow-necked glassware up to 490 mm in height
- equipped with the following nozzles: 5 x U6260 (260 mm), 5 x U6240 (240 mm), 5 x U6220 (220 mm), 5 x U4180 (180 mm), 5 x U4160 (160 mm), 5 x U4140 (140 mm), 5 x U3110 (110 mm), 5 x U390 (90 mm), 1 x UC6 (curvo)
- positioned on the lower level
- made of stainless steel



### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC				

## LM40BX (art. 902626)

### FLEXIBLE FLASK WASHING - 40 POSITIONS

- suitable for washing narrow-necked glassware up to 490mm in height
- 40 positions rack without nozzles
- to be equipped with 40 nozzles (unused positions must be covered with caps cod. TAPPOUG)
- positioned on the lower level
- made of stainless steel
- for nozzles configuration consult your Area Manager



### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC				

## LM40BXDS (art. 903962)

### FLEXIBLE FLASK WASHING WITH DRYING SYSTEM - 40 POSITIONS

- suitable for washing and drying narrow-necked glassware up to 490mm in height
- 40 positions rack without nozzles
- to be equipped with 40 nozzles (unused positions must be covered with caps cod. TAPPOUG)
- positioned on the lower level
- made of stainless steel
- for nozzles configuration consult your Area Manager



### Machines

GW4060	GW4060C	GW4060S	GW4060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P	GW4190	GW4190C	GW4190S	GW4190SC

**LM40DS** (art. 900027)

**UNIVERSAL FLASK WASHING WITH DRYING SYSTEM - 40 POSITIONS**

- suitable for washing and drying of narrow neck glassware up to 490 mm in height
- equipped with the following nozzles: 5 x U6260 (260 mm), 5 x U6240 (240 mm), 5 x U6220 (220 mm), 5 x U4180 (180 mm), 5 x U4160 (160 mm), 5 x U4140 (140 mm), 5 x U3110 (110 mm), 5 x U390 (90 mm), 1 x UC6 (curved)
- positioned on the lower level
- made of stainless steel



**Machines**

GW4060	GW4060C	GW4060S	GW4060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P	GW4190	GW4190C	GW4190S	GW4190SC

**LM40S** (art. 900026)

**UPPER FLASK WASHING - 40 POSITIONS**

- suitable for washing narrow-necked glassware up to 225 mm height
- equipped with the following nozzles: 40 x U4140 (140 mm)
- positioned on the upper level to be coupled with CS2
- made of stainless steel



**Machines**

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC				

## LM40SBX (art. 903668)

### FLEXIBLE FLASK WASHING - 40 POSITIONS

- suitable for washing and drying narrow-necked glassware up to 200 mm in height
- 40 positions rack without nozzles
- to be equipped with 40 nozzles (unused positions must be covered with caps cod. TAPPOUG)
- positioned on the upper level
- made of stainless steel
- for nozzles configuration consult your Area Manager



#### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC				

## LM40SBXDS (art. 903986)

### FLEXIBLE FLASK WASHING WITH DRYING SYSTEM - 40 POSITIONS

- suitable for washing and drying narrow-necked glassware up to 490mm in height
- 40 positions rack without nozzles
- to be equipped with 40 nozzles (unused positions must be covered with caps cod. TAPPOUG)
- positioned on the upper level
- made of stainless steel
- for nozzles configuration consult your Area Manager



#### Machines

GW4060	GW4060C	GW4060S	GW4060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P	GW4190	GW4190C	GW4190S	GW4190SC



## LM40SDS (art. 900300)

### UPPER FLASK WASHING WITH DRYING SYSTEM - 40 POSITIONS

- suitable for washing and drying of narrow neck glassware up to 225 mm height
- equipped with the following nozzles: 40 x U4140 (140 mm)
- positioned on the upper level to be coupled with CS2
- made of stainless steel



#### Machines

GW4060	GW4060C	GW4060S	GW4060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P	GW4190	GW4190C	GW4190S	GW4190SC

## LM46 (art. 903784)

### UNIVERSAL FLASK WASHING - 46 POSITIONS

- suitable for washing narrow-necked glassware up to 220 mm in height
- upper basket insert equipped with the following nozzles: 12 x U4140 (140 mm), 6 x U390 (90 mm), 6 x U3110 (110 mm)
- lower basket insert equipped with the following nozzles: 6 x U4140 (140 mm), 2 x U390 (90 mm), 2 x U3110 (110 mm), 2 x U6220 (220 mm), 2 x U6240 (240 mm), 2 x U6260 (260 mm), 2 x U4180 (160 mm), 6 x U4160 (160 mm), 1 x UC6 (curved)
- positioned on the rack levels of D-CS1 e D-CS2
- made of stainless steel



#### Machines

GW2145	GW2145A
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## LM80 (art. 900028)

### UNIVERSAL FLASK WASHING, TWO WASHING LEVELS

- suitable for washing narrow-necked glassware up to 225 mm in height
- capacity: 68 pieces
- equipped with the following nozzles: 68 x U4140 (140 mm), 1 x UC6 (curved)
- positioned on 2 independent levels
- made of stainless steel



### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC				

## LM80DS (art. 900029)

### UNIVERSAL FLASK WASHING WITH DRYING SYSTEM - TWO WASHING LEVELS

- suitable for washing and drying of narrow neck glassware up to 225mm in height
- capacity: 68 pieces
- equipped with the following nozzles: 68 x U4140 (140 mm), 1 x UC6 (curved)
- positioned on 2 independent levels
- made of stainless steel



### Machines

GW4060	GW4060C	GW4060S	GW4060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P	GW4190	GW4190C	GW4190S	GW4190SC

## LM80I (art. 904268)

### LOWER FLASK WASHING - 34 POSITIONS

- suitable for washing and drying of narrow neck glassware up to 225 mm height
- equipped with the following nozzles: 34 x U4140 (140 mm), 1 x UC6 (curvo)
- positioned on the lower level
- made of stainless steel

## LM80SBX (art. 903981)

### FLEXIBLE FLASK WASHING - 40 POSITIONS

- suitable for washing and drying narrow-necked glassware up to 225 mm in height
- 40 positions rack without nozzles
- to be equipped with 40 nozzles (unused positions must be covered with caps cod. TAPPOUG)
- n. 6 caps are provided
- positioned on the upper level
- made of stainless steel
- for nozzles configuration consult your Area Manager



### Machines

GW4060	GW4060C	GW4060S	GW4060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P	GW4190	GW4190C	GW4190S	GW4190SC

## LM80SBXDS (art. 903982)

### FLEXIBLE FLASK WASHING WITH DRYING SYSTEM - 40 POSITIONS

- suitable for washing and drying narrow-necked glassware up to 225 mm in height
- 40 positions rack without nozzles
- to be equipped with 40 nozzles (unused positions must be covered with caps cod. TAPPOUG)
- n.6 caps are provided
- positioned on the upper level
- made of stainless steel
- for nozzles configuration consult your Area Manager



#### Machines

GW4060	GW4060C	GW4060S	GW4060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P	GW4190	GW4190C	GW4190S	GW4190SC

## LM80SDS (art. 903211)

### UPPER FLASK WASHING WITH DRYING SYSTEM - 40 POSITIONS

- suitable for washing and drying of narrow neck glassware up to 225 mm height
- equipped with the following nozzles: 40 x U4140 (140 mm)
- positioned on the upper level
- to be coupled with an injection rack on the lower level
- made of stainless steel



#### Machines

GW4060	GW4060C	GW4060S	GW4060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P	GW4190	GW4190C	GW4190S	GW4190SC

## LPM24 (art. 901379)

### PIPETTES/FLASK WASHING TROLLEY - 12+12 POSITIONS

- suitable for washing narrow-necked glassware e pipettes up to 490 mm in height
- equipped with the following nozzles: 4 x U6240 (240 mm), 2 x U6220 (220 mm), 2 x U4160 (160 mm), 2 x U4140 (140 mm), 2 x U3110 (110 mm), 12 x ULB40
- positioned on the lower trolley level D-CS2
- made of stainless steel



### Machines

GW2145                      GW2145A

## LR4 (art. 900237)

### REACTOR WASHING TROLLEY

- suitable for washing 4 reactors with 3 / 5 necks of 3 liters max or up to 12 pieces of narrow neck glassware
- equipped with the following nozzles: 12 x U6260 (260 mm)
- positioned on the lower level
- made of stainless steel



### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC				

## LR4DS (art. 900238)

### REACTOR WASHING TROLLEY WITH DRYING SYSTEM

- suitable for washing and drying of 4 reactors with 3 / 5 necks of 3 liters max or up to 12 pieces of narrow neck glassware
- equipped with the following nozzles: 12 x U6260 (260 mm)
- positioned on the lower level
- made of stainless steel



### Machines

GW4060	GW4060C	GW4060S	GW4060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P	GW4190	GW4190C	GW4190S	GW4190SC

## LT20 (art. 900239)

### TROLLEY FOR FISCHER TUBES

- suitable for washing of 12 fischer tubes max height 550 mm and 6 pieces of narrow neck glassware
- equipped with the following nozzles: 12 x U6370 (370 mm), 2 x U6220 (220 mm), 2 x U4160 (160 mm), 2 x U390 (90 mm)
- positioned on the lower level
- made of stainless steel



### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC				

## LT20DS (art. 900759)

### TROLLEY FOR FISCHER TUBES WITH DRYING SYSTEM

- suitable for washing and drying of 12 fischer tubes max height 550 mm and 6 pieces of narrow-neck glassware
- equipped with the following nozzles: 12 x U6370 (370 mm), 2 x U6220 (220 mm), 2 x U4160 (160 mm), 2 x U390 (90 mm)
- positioned on the lower level
- made of stainless steel



### Machines

GW4060	GW4060C	GW4060S	GW4060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P	GW4190	GW4190C	GW4190S	GW4190SC

## Pipette injection trolleys

### INS56ULB40 (art. 903867)

#### INJECTION TROLLEY FOR PIPETTE WASHING WITH 56 POSITIONS

- suitable for washing 56 pipettes
- equipped with the following nozzles: 56 x ULB40 for pipettes max height 550 mm
- suitable for trolleys CLB210 / CLB310 / CLB510
- made of stainless steel



#### Machines

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM		

### LP6 (art. 900981)

#### PIPETTE ADAPTER FOR MULTI-NOZZLE SYSTEMS

- suitable for 100 standard pipettes max height 450 mm max diameter 8.5 mm
- positioning: hooks on the corresponding hydraulic outlet present on injection systems L680 and L685



#### Machines

GW6090B	GW6090BDS	GW6290	GW6290DS
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## LPT100 (art. 900220)

### PIPETTE WASHER TROLLEY

- suitable for washing 100 standard pipettes max height 450 mm max diameter 8.5 mm
- positioned on the lower level
- made of stainless steel



### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC				

## LPT100DS (art. 900219)

### PIPETTE WASHER TROLLEY WITH DRYING SYSTEM

- suitable for washing and drying 100 standard pipettes max height 450 mm max diameter 8.5 mm
- positioned on the lower level
- made of stainless steel



### Machines

GW4060	GW4060C	GW4060S	GW4060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P	GW4190	GW4190C	GW4190S	GW4190SC

## LPV40 (art. 900242)

### PIPETTE WASHER TROLLEY

- suitable for washing 20 volumetric pipettes max height 550 mm + 20 standard pipettes max height 490 mm
- positioned on the lower level
- made of stainless steel



### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC				

## LPV40DS (art. 900243)

### PIPETTE WASHER TROLLEY WITH DRYING SYSTEM

- suitable for washing and drying 20 volumetric pipettes max height 550 mm + 20 standard pipettes max height 490 mm
- positioned on the lower level
- made of stainless steel



### Machines

GW4060	GW4060C	GW4060S	GW4060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P	GW4190	GW4190C	GW4190S	GW4190SC

## Mixed injection trolleys (pipette + narrow neck)

### INSLP28U4140 (art. 903780)

#### UNIVERSAL INJECTION TROLLEY WITH 28 POSITIONS WITH COLLECTOR FOR PIPETTES

- equipped with the following nozzles: 28 x U4140 (140 mm)
- equipped with 70-position pipette collector for standard pipettes max height 450 mm max diameter 8.5 mm
- suitable for trolleys CLB210 / CLB310 / CLB510
- made of stainless steel



#### Machines

GW6010	GW6010M	GW6010T	GW6010TM	GW7010
GW7010M	GW7010T	GW7010TM		

### LPM20/20 (art. 900240)

#### MIXED WASHING TROLLEY FLASKS / PIPETTES – 20 + 20 POSITIONS

- suitable for washing 20 pipettes up to 550 mm + 20 pieces of narrow-neck glassware
- equipped with the following nozzles: 2 x U6260 (260 mm), 2 x U6240 (240 mm), 2 x U6220 (220 mm), 3 x U4180 (180 mm), 2 x U4160 (160 mm), 2 x U4140 (140 mm), 3 x U3110 (110 mm), 4 x U390 (90 mm), 1 x UC6 (curved), 20 x ULB40 for pipettes max height 550 mm
- positioning on lower level
- made of stainless steel



#### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC				

## LPM2010 (art. 902891)

### WASHING TROLLEY FOR FLASKS / PIPETTES / TEST TUBES - 20 POSITIONS

- suitable for washing 10 pipettes up to 550 mm + 20 pieces of narrow-neck glassware + 1/4 free rack, to be completed with a test tube holding baskets of the CP series
- equipped with the following nozzles: 2 x U6260 (260 mm), 2 x U6240 (240 mm), 2 x U6220 (220 mm), 3 x U4180 (180 mm), 2 x U4160 (160 mm), 2 x U4140 (140 mm), 3 x U3110 (110 mm), 4 x U390 (90 mm), 1 x UC6 (curved), 10 x ULB40 for pipettes max height 550 mm
- positioned on the lower level
- made of stainless steel



#### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC				

## LPM2010DS (art. 902051)

### WASHING TROLLEY FOR FLASKS / PIPETTES / TEST TUBES - 20 POSITIONS WITH DRYING SYSTEM

- suitable for washing and drying 10 pipettes up to 550 mm + 20 pieces of narrow-neck glassware + 1/4 free rack, to be completed with a test tube holding baskets of the CP series
- equipped with the following nozzles: 2 x U6260 (260 mm), 2 x U6240 (240 mm), 2 x U6220 (220 mm), 3 x U4180 (180 mm), 2 x U4160 (160 mm), 2 x U4140 (140 mm), 3 x U3110 (110 mm), 4 x U390 (90 mm), 1 x UC6 (curved), 10 x ULB40 for pipettes max height 550 mm
- positioned on the lower level
- made of stainless steel



#### Machines

GW4060	GW4060C	GW4060S	GW4060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P	GW4190	GW4190C	GW4190S	GW4190SC

## LPM2020DS (art. 900241)

### MIXED WASHING TROLLEY FLASKS / PIPETTES – 20+20 POSITIONS WITH DRYING SYSTEM

- suitable for washing and drying 20 pipettes up to 550 mm + 20 pieces of narrow-neck glassware equipped with the following nozzles :
- equipped with the following nozzles: 2 x U6260 (260 mm), 2 x U6240 (240 mm), 2 x U6220 (220 mm), 3 x U4180 (180 mm), 2 x U4160 (160 mm), 2 x U4140 (140 mm), 3 x U3110 (110 mm), 4 x U390 (90 mm), 1 x UC6 (curvo), 20 x ULB40 for pipettes max height 550 mm
- positioned on the lower level
- made of stainless steel



### Machines

GW4060	GW4060C	GW4060S	GW4060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C
GW4090P	GW4190	GW4190C	GW4190S	GW4190SC

## Injection trolleys for large glassware

### C636-I (art. 903569)

#### INJECTION TROLLEY FOR BOTTLES WITH DRYING SYSTEM

- suitable for washing and drying n. 36 narrow-neck bottles wide 250-1000 ml
- bottle maximum dimension - diameter: 90 mm, height: 285 mm
- equipped with the following nozzles: 36 x U6240 (240 mm)
- positioned on the lower level
- made of stainless steel



#### Machines

GW6090B

GW6090BDS

GW6290

GW6290DS

### C636-S (art. 903568)

#### INJECTION TROLLEY FOR BOTTLES WITH DRYING SYSTEM

- suitable for washing and drying n. 36 narrow-neck bottles wide 250-1000 ml
- bottle maximum dimension - diameter: 90 mm, height: 285 mm
- equipped with the following nozzles: 36 x U6240 (240 mm)
- positioned on the upper level
- made of stainless steel



#### Machines

GW6090B

GW6090BDS

GW6290

GW6290DS

### C64 (art. 901030)

#### TROLLEY FOR GLASSWARE OR LARGE DIMENSION CONTAINERS

- suitable for washing of n. 4 glassware or large dimension containers d. max 300 mm, h max 720 mm
- positioned on the lower level
- made of stainless steel



#### Machines

GW6090B

GW6090BDS

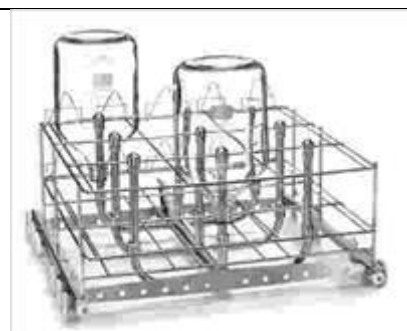
GW6290

GW6290DS

## C65-I (art. 901756)

### LOWER INJECTION TROLLEY FOR LARGE BOTTLES

- lower washing and drying injection trolley for n. 9 large bottles
- bottle maximum dimensions - diameter: 175 mm, height: 285 mm
- made of stainless steel



#### Machines

GW6090B

GW6090BDS

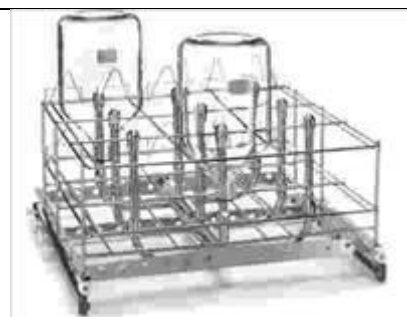
GW6290

GW6290DS

## C65-S (art. 901758)

### UPPER INJECTION TROLLEY FOR LARGE BOTTLES

- upper washing and drying injection trolley for n. 9 large bottles
- bottle maximum dimensions - diameter: 175 mm, height: 285 mm
- made of stainless steel



#### Machines

GW6090B

GW6090BDS

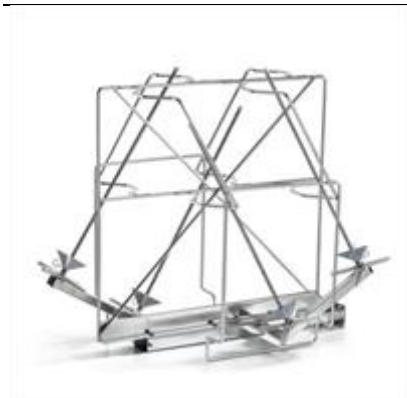
GW6290

GW6290DS

## COCI42 (art. 954384)

### COLLECTOR FOR GRADUATED CYLINDERS

- suitable for washing 4 cylinders from 500 ml to 2000 ml (diameter max: 85 mm, height min: 360 mm, height max: 568 mm)
- equipped with the following nozzles: 4 x U6370 (370 mm)
- rubberised supports to protect the edges of the cylinder necks
- use on trolleys LCB6010
- overall dimension equal to half of the washing surface



## **COCI9215** (art. 955057)

### **COLLECTOR FOR GRADUATED CYLINDERS**

- suitable for washing 9 cylinders from 500 ml to 2000 ml (diameter max: 85 mm, height min: 360 mm, height max: 568 mm)
- equipped with the following nozzles: 9 x U6370 (370 mm)
- rubberised supports to protect the edges of the cylinder necks
- use on trolleys LCB7015
- overall dimension equal to half of the washing surface

## **L685CIL** (art. 903204)

### **INJECTION TROLLEY FOR 12 GRADUATED CYLINDERS**

- suitable for washing and drying 12 cylinders from 500 ml to 2000 ml
- equipped with 12 special nozzles with spiral spraying effect for washing the edges and the bottom
- 6 nozzles 390 mm long and 6 nozzles 440 mm long
- possible configurations: 12 x 1000 ml cylinders or 3 x 2000 ml cylinders + 6 x 1000 ml cylinders + 3 x 500 ml cylinders or 6x 1000 ml cylinders + 6 x 1000 ml cylinders
- removable supports allow different load configurations guarantying considerable flexibility
- optimum inclination in order to avoid stagnation of water on the base and inside the cylinders
- positioning in the washer on the first level and occupies 2/3 of the washing chamber
- made of stainless steel



### **Machines**

GW6090B

GW6090BDS

GW6290

GW6290DS



## L690CIL (art. 903715)

### INJECTION TROLLEY FOR 36 GRADUATED CYLINDERS

- suitable for washing and drying 36 cylinders from 350 to 700 mm with maximum diameter 85 mm
- equipped with the following nozzles: 36 x U6370 (370 mm)
- positioning in the washer on the first level
- made of stainless steel



#### Machines

GW6090B

GW6090BDS

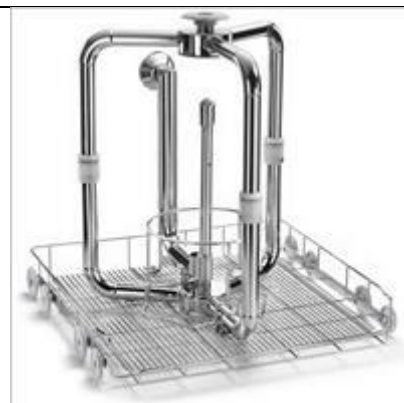
GW6290

GW6290DS

## LB1-20DS (art. 902605)

### TROLLEY FOR ONE LARGE BOTTLE OR DRUM

- injection trolley for washing and drying one large bottle and/or drum
- bottle maximum dimensions DIAMETERxH: 300 x 350 mm
- made of stainless steel



#### Machines

GW4060

GW4060C

GW4060S

GW4060SC

GW4090

GW4090A

GW4090BXC

GW4090BXCA

GW4090BXP

GW4090C

GW4090P

GW4190

GW4190C

GW4190S

GW4190SC

## LM6-10L (art. 901663)

### TROLLEY FOR LARGE BOTTLES OR DRUMS

- injection trolley for washing and drying large bottles and/or drums
- can be modified to wash up to 5 large bottles/drums (from 1 to 5 nozzles)
- drum maximum dimensions LxDxH: 600 x 600 x 800 mm
- supports can be adjusted according to the height of the bottle/drum
- made of stainless steel



### Machines

GW6090B

GW6090BDS

GW6290

GW6290DS

## LM6-10U (art. 902579)

### TROLLEY FOR LARGE BOTTLES OR DRUMS

- injection trolley for washing and drying large bottles and/or drums
- can be modified to wash up to 5 large bottles/drums (from 1 to 5 nozzles)
- drum maximum dimensions LxDxH: 600 x 600 x 800 mm
- supports can be adjusted according to the height of the bottle/drum
- made of stainless steel



### Machines

GW6090B

GW6090BDS

GW6290

GW6290DS

## Injection trolleys for vials and conical centrifuge test tubes

### INSKP200 (art. 904232)

#### INJECTION TROLLEY FOR TEST TUBES

- suitable for internal washing of vials, conical centrifuge tubes, centrifuge rotors
- equipped with the following nozzles: 200 x U390 (90 mm)
- suitable for trolleys CLB210 / CLB310 / CLB510
- made of stainless steel



### KP100 (art. 900244)

#### UPPER INJECTION TROLLEY FOR TEST TUBES

- suitable for internal washing of vials, conical centrifuge tubes, centrifuge rotors
- equipped with the following nozzles: 100 x U390 (90 mm)
- positioned on the upper level
- made of stainless steel



#### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC				

### KP100DS (art. 900245)

#### UPPER INJECTION TROLLEY FOR TEST TUBES WITH DRYING SYSTEM

- suitable for internal washing and drying of vials, conical centrifuge tubes, centrifuge rotors
- equipped with the following nozzles: 100 x U390 (90 mm)
- positioned on the upper level
- made of stainless steel



#### Machines

GW4060	GW4060C	GW4060S	GW4060SC	GW4090
GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP	GW4090C

GW4090P

GW4190

GW4190C

GW4190S

GW4190SC

**KP200** (art. 900246)

**TWO LEVEL INJECTION TROLLEY FOR TEST TUBES**

- suitable for internal washing of vials, conical centrifuge tubes, centrifuge rotors
- equipped with the following nozzles: 200 x U390 (90 mm)
- positioned on two levels
- made of stainless steel



**Machines**

GW0160

GW0160A

GW0160S

GW0160SA

GW1160

GW1160A

GW1160C

GW1160CA

GW1160S

GW1160SA

GW1160SC

GW1160SCA

GW3060BX

GW3060BXA

GW3060BXC

GW3060BXCA

GW3060P

GW3060PA

GW3060S

GW3060SA

GW3060SC

**KP200DS** (art. 900247)

**TWO LEVEL INJECTION TROLLEY FOR TEST TUBES WITH DRYING SYSTEM**

- suitable for internal washing and drying of vials, conical centrifuge tubes, centrifuge rotors
- equipped with the following nozzles: 200 x U390 (90 mm)
- positioned on two levels
- made of stainless steel



**Machines**

GW4060

GW4060C

GW4060S

GW4060SC

GW4090

GW4090A

GW4090BXC

GW4090BXCA

GW4090BXP

GW4090C

GW4090P

GW4190

GW4190C

GW4190S

GW4190SC

## KP60 (art. 901872)

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### UPPER INJECTION TROLLEY FOR TEST TUBES

- suitable for internal washing of vials, conical centrifuge tubes, centrifuge rotors
- equipped with the following nozzles: 60 x U390 (90 mm)
- positioned on the upper level
- made of stainless steel



### Machines

GW2145

GW2145A

## Special trolleys

### CPB1 (art. 901239)

#### UPPER TROLLEY FOR TASTING GOBLETS

- suitable for washing 14 ISO tasting goblets h. 220 mm max
- made of stainless steel



#### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC	GW4090	GW4090A	GW4090BXC	GW4090BXCA
GW4090BXP	GW4090C	GW4090P	GW4190	GW4190C
GW4190S	GW4190SC			

## Transport systems

### DIS-WD5 (art. 902411)

#### RELEASE TROLLEY FOR 60-90 CM MACHINES WITH PLINTH

- for loading and unloading of trolleys to be positioned on the lower level of the machine
- equipped with 4 pivoting and 2 lockable wheels
- equipped with double handle for movement
- lower level for holding supports or other trolleys
- system for collection of liquid residue as required by ISO EN 15883-1 in force
- made of stainless steel



#### Machines

GW0160	GW0160A	GW0160S	GW0160SA	GW1160
GW1160A	GW1160C	GW1160CA	GW1160S	GW1160SA
GW1160SC	GW1160SCA	GW3060BX	GW3060BXA	GW3060BXC
GW3060BXCA	GW3060P	GW3060PA	GW3060S	GW3060SA
GW3060SC	GW4060	GW4060C	GW4060S	GW4060SC
GW4090	GW4090A	GW4090BXC	GW4090BXCA	GW4090BXP
GW4090C	GW4090P	GW4190	GW4190C	GW4190S
GW4190SC				

### DIS-WD6010 (art. 903455)

#### RELEASE TROLLEY FOR DOUBLE DOOR MACHINES

- release trolley with safety block system to load/unload washing racks into the washer disinfectant
- diamond-shaped basin for collecting liquid dripping from load material
- equipped with 4 rotating and lockable wheels
- equipped with ergonomic handle for transportation
- safety system for locking washing trolleys
- system for collection of liquid residue as required by ISO EN 15883-1 in force
- made of AISI 304 stainless steel



#### Machines

GW6010	GW6010M	GW6010T	GW6010TM
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## DIS-WD7010 (art. 903456)

### RELEASE TROLLEY FOR DOUBLE DOOR MACHINES

- release trolley with safety block system to load/unload washing racks into the washer disinfectant
- diamond-shaped basin for collecting liquid dripping from load material
- equipped with 4 rotating and lockable wheels
- equipped with ergonomic handle for transportation
- safety system for locking washing trolleys
- system for collection of liquid residue as required by ISO EN 15883-1 in force
- made of AISI 304 stainless steel



### Machines

GW7010

GW7010M

GW7010T

GW7010TM

## DIS-WD7015 (art. 903862)

### RELEASE TROLLEY

- release trolley with safety block system to load/unload washing racks into the washer disinfectant
- diamond-shaped basin for collecting liquid dripping from load material
- equipped with 4 rotating and lockable wheels
- equipped with ergonomic handle for transportation
- safety system for locking washing trolleys
- system for collection of liquid residue as required by ISO EN 15883-1 in force
- made of AISI 304 stainless steel



### Machines

GW7015



## Supports and baskets

### Flask and beaker supports

#### SB14 (art. 901323)

##### SPRING SUPPORT - 14 POSITIONS

- for beakers / Erlenmeyer flasks from 250 to 1000 ml
- dimensions LxDxH: 422 x 146 x 184 mm
- occupies 1/2 trolley D-CS1 / D-CS2
- made of stainless steel



#### SB15 (art. 900309)

##### SPRING SUPPORT - 16 POSITIONS

- for beakers / Erlenmeyer flasks from 500 to 1000 ml
- dimensions LxDxH: 195 x 400 x 185 mm
- occupies 1/2 trolley CS1-1 / CS2
- made of stainless steel



#### SB25 (art. 900651)

##### SPRING SUPPORT - 28 POSITIONS

- for beakers / Erlenmeyer flasks from 250 to 500 ml
- dimensions LxDxH: 195 x 400 x 115 mm
- occupies 1/2 trolley CS1-1 / CS2
- made of stainless steel



## SB28 (art. 902290)

### SPRING SUPPORT - 28 POSITIONS

- for beakers / Erlenmeyer flasks from 250 to 1000 ml
- dimensions LxDxH: 195 x 400 x 185 mm
- occupies 1/2 trolley CS1-1 / CS2
- made of stainless steel



## SB30 (art. 900652)

### 30 POSITION BEAKERS SUPPORT

- for cylinders of max 100 ml and funnels
- dimensions LxDxH: 195 x 400 x 150 mm
- occupies 1/2 trolley CS1-1 / CS2
- made of stainless steel



## SB50 (art. 903673)

### 50 POSITION BEAKERS SUPPORT

- for beakers of max 250 ml
- dimensions LxDxH: 255 x 455 x 155 mm
- occupies 1/2 trolley INSPLAV10
- made of stainless steel



**SB9** (art. 901324)

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**9 POSITION BEAKER SUPPORT**

- for cylinders of max 100 ml and funnels
- dimensions LxDxH: 420 x 145 x 160 mm
- occupies 1/2 trolleys D-CS1 / D-CS2
- made of stainless steel



## Plate and slide supports

### PV105 (art. 900372)

#### MICROSCOPY SLIDE BASKET

- suitable for holding 105 standard slides for microscopy
- dimensions LxDxH: 220 x 143 x 60 mm
- made of stainless steel



### SL18 (art. 900596)

#### BASKET WITH SUPPORT FOR CHROMATOGRAPHY PLATES

- capacity: 18 plates 200 x 200 mm
- dimensions LxDxH: 465 x 215 x 130 mm
- occupies 1/2 trolley CS1-1 / CS2
- made of stainless steel



### SL6 (art. 901878)

#### PLATE SUPPORT

- suitable for holding 6 plates for optical recognition of blood type (130 x 92 x 12,5 mm)
- dimensions LxDxH: 485 x 145 x 80 mm
- equipped with closing cover
- made of stainless steel



**SL9** (art. 900768)

---

**SUPPORT FOR CHROMATOGRAPHY PLATES**

- suitable for holding up to 9 plates measuring from 150 x 150 mm to 220 x 220mm
- dimensions LxDxH: 395 x 195 x 110 mm
- occupies 1/2 trolley CS1-1 / CS2
- made of stainless steel



## Bottle supports

### PB100 (art. 900932)

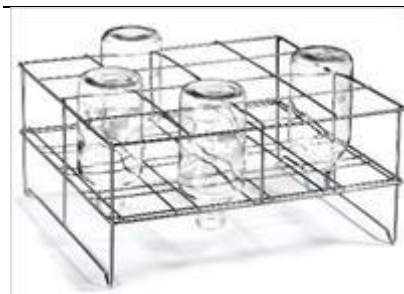
#### SUPPORT FOR 100 ml WIDE NECK BOTTLES

- capacity: 32 x 100 ml wide neck bottles (screw cap GL 45 ISO 4796 or socket DIN 12038 or non- normalized)
- bottle maximum dimensions DIAMETERxH: 56 x 100 mm
- positioned on trolley CS2
- made of stainless steel

### PB1000 (art. 900931)

#### SUPPORT FOR 1000 ml WIDE NECK BOTTLES

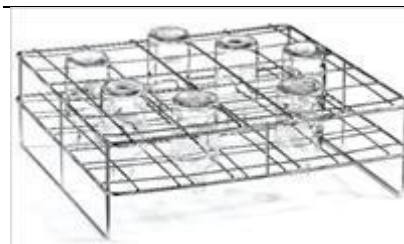
- capacity: 16 x 1000 ml wide neck bottles (screw cap GL 45 ISO 4796 or socket DIN 12038 or non-normalized)
- bottle maximum dimensions DIAMETERxH: 101 x 225 mm
- positioned on lower trolley CS2
- made of stainless steel



### PB250 (art. 900757)

#### SUPPORT FOR 250 ML WIDE NECK BOTTLES

- capacity: 24 x 250 ml wide neck bottles (screw cap GL 45 ISO 4796 or socket DIN 12038 or non-normalized).
- bottle maximum dimensions DIAMETERxH: 70 x 138 mm
- positioned on lower trolley CS2
- made of stainless steel



### PB50 (art. 900930)

#### SUPPORT FOR 50 ML WIDE NECK BOTTLES

- capacity: 56 x 50 ml wide neck bottles (screw cap GL 32 ISO 4796 or socket DIN 12038 or non-normalized)
- bottle maximum dimensions DIAMETERxH: 46 x 87 mm
- positioned on base trolleys CS1-1 / CS2
- made of stainless steel

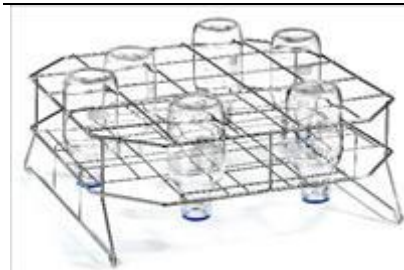


## **PB500** (art. 900756)

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### **SUPPORT FOR 500 ml WIDE NECK BOTTLES**

- capacity: 21 x 500 ml wide neck bottles (screw cap GL 32 ISO 4796 or socket DIN 12038 or non-normalized).
- bottle maximum dimensions DIAMETERxH: 86 x 176 mm
- positioned on lower trolley CS2
- made of stainless steel



## **PB6000** (art. 901662)

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### **SUPPORT FOR WIDE NECK BOTTLES**

- capacity: 25 pieces of Erlenmeyer flasks from 1000 ml up to 5000 ml e/or bottles from 1000 ml wide neck (screw cap GL 45 ISO 4796 or socket DIN 12038 or non-normalized)
- mesh 80 x 80 mm
- made of stainless steel



## Test tubes supports

### CP105 (art. 900070)

#### TEST TUBE BASKET - H = 75 MM

- capacity: 160 standard test tubes
- equipped with 2 removable compartments with lid
- occupies 1/2 trolley D-CS2
- occupies 1/4 trolley CS1-1 / CS2
- made of stainless steel



### CP132 (art. 900071)

#### TEST TUBE BASKET - H = 105 MM

- capacity: 160 standard test tubes
- equipped with 2 removable compartments with lid
- occupies 1/2 trolley D-CS2
- occupies 1/4 trolley CS1-1 / CS2
- made of stainless steel



### CP192 (art. 900072)

#### TEST TUBE BASKET - H = 165 MM

- capacity: 160 standard test tubes
- equipped with 2 removable compartments with lid
- occupies 1/2 trolley D-CS2
- occupies 1/4 trolley CS1-1 / CS2
- made of stainless steel





**CP222** (art. 900073)

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**TEST TUBE BASKET - H = 200 MM**

- capacity: 160 standard test tubes
- equipped with 2 removable compartments with lid
- occupies 1/2 trolley D-CS2
- occupies 1/4 trolley CS1-1 / CS2
- made of stainless steel



## Petri dish supports

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### PD100I (art. 900582)

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#### LOWER SUPPORT FOR PETRI DISHES 70-120 MM

- capacity: 42 pieces
- dimensions LxD: 456 x 460 mm
- positioned on lower trolley CS2
- made of stainless steel



### PD100S (art. 900583)

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#### UPPER SUPPORT FOR PETRI DISHES 70-120 MM

- capacity: 38 pieces
- dimensions LxD: 456 x 460 mm
- positioned on upper trolley CS1-1 or on supports PD70I / PD100I
- made of stainless steel

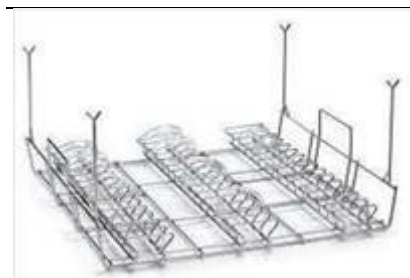


### PD70I (art. 900717)

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#### LOWER SUPPORT FOR PETRI DISHES 50-70 mm

- capacity: 42 pieces
- dimensions LxD: 456 x 460 mm
- positioned on lower trolley CS2
- made of stainless steel



### PD70S (art. 900718)

---

#### UPPER SUPPORT FOR PETRI DISHES 50-70 MM

- capacity: 40 pieces
- dimensions LxD: 456 x 460 mm
- positioned on upper trolley CS1-1 or on supports PD70I / PD100I
- made of stainless steel



## Bottom racks for small glassware and netting

### D-PF1 (art. 901392)

#### COMPLETE STAINLESS STEEL BOTTOM FOR UPPER TROLLEY

- made of stainless steel mesh netting with central hole - mesh 10 x 10 mm
- dimensions LxDxH: 305 x 425 x 11 mm
- positioned on upper trolley D-CS1



### D-PF2 (art. 901393)

#### COMPLETE STAINLESS STEEL BOTTOM FOR LOWER TROLLEY

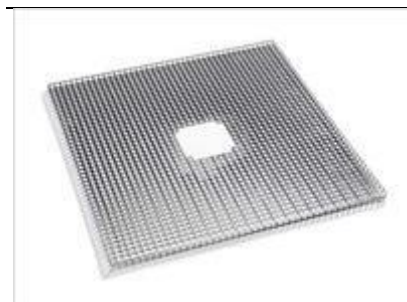
- made of stainless steel mesh netting - mesh 10 x 10 mm
- dimensions LxDxH: 305 x 425 x 11 mm
- positioned on lower trolley D-CS2



### PF1 (art. 900155)

#### COMPLETE STAINLESS STEEL BOTTOM FOR UPPER TROLLEY

- made of stainless steel mesh netting with central hole - mesh 10 x 10 mm
- dimensions LxDxH: 454 x 434 x 11 mm
- positioned on upper trolley CS1-1



### **PF1/2** (art. 900154)

#### **HALF STAINLESS STEEL BOTTOM BASKET**

- made of stainless steel mesh netting- mesh 10 x 10 mm
- dimensions LxDxH: 224 x 434 x 11 mm



### **PF10** (art. 903548)

#### **STAINLESS STEEL BOTTOM FOR TROLLEY**

- made of stainless steel mesh netting - mesh 10 x 10 mm
- positioned on trolley CLB510



### **PF2** (art. 900637)

#### **COMPLETE STAINLESS STEEL BOTTOM FOR LOWER TROLLEY**

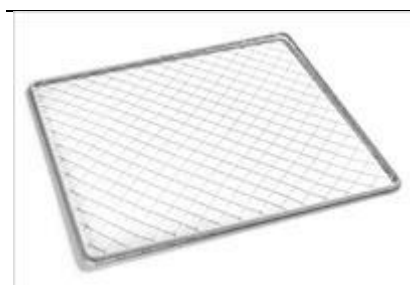
- made of stainless steel mesh netting - mesh 10 x 10 mm
- dimensions LxDxH: 454 x 434 x 11 mm
- positioned on lower trolley CS2



### **RC1** (art. 900164)

#### **COMPLETE GLASSWARE FIXING NET**

- nylon mesh 25 x 25 mm
- dimensions LxD: 474 x 516 mm
- positioned on lower trolley CS2



**RC1/2** (art. 900163)

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**GLASSWARE FIXING NET**

- nylon mesh 25 x 25 mm
- dimensions LxD: 456 x 214 mm
- occupies 1/2 trolleys CS1-1 / CS2



**RC1/4** (art. 900165)

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**GLASSWARE FIXING NET**

- nylon mesh 10 x 10 mm
- dimensions LxD: 204 x 204 mm
- occupies 1/4 trolleys CS1-1 / CS2



## Ultrasound accessories

### VU03BIC (art. 902169)

#### BEAKER FOR ULTRASOUND CLEANER

- volume: 600 ml
- made of PYREX glass



#### Machines

VU03H

### VU03CBIC (art. 902171)

#### COVER FOR BEAKER 600 ML

- cover made of plastic
- silicone rubber o-ring (cod. VUORING) included
- fit on beaker volume 600 ml



### VU03COVER (art. 902099)

#### 3 LITER ULTRASOUND CLEANER COVER

- made of plastic



#### Machines

VU03H

### **VU03CSK** (art. 902101)

---

#### **BASKET FOR 3 LITER ULTRASOUND CLEANER**

- equipped with lifting handles
- dimensions LxDxH: 198 x 106 x 50 mm
- made of stainless steel



#### **Machines**

VU03H

### **VU03SUP** (art. 902165)

---

#### **BEAKER SUPPORT FOR 3 LITER ULTRASOUND CLEANER**

- n. 2 beaker positions
- made of stainless steel



#### **Machines**

VU03H

### **VU06COVER** (art. 902157)

---

#### **6 LITER ULTRASOUND CLEANER COVER**

- made of plastic



#### **Machines**

VU06H

## VU06CSK (art. 902161)

### BASKET FOR 6 LITER ULTRASOUND CLEANER

- equipped with lifting handles
- dimensions LxDxH: 255 x 115 x 75 mm
- made of stainless steel



### Machines

VU06H

## VU06SUP (art. 902166)

### BEAKER SUPPORT FOR 6 LITER ULTRASOUND CLEANER

- n. 2 beaker positions
- made of stainless steel



### Machines

VU06H

## VU13COVER (art. 902100)

### 13 LITER ULTRASOUND CLEANER COVER

- made of plastic



### Machines

VU13H



## **VU13CSK** (art. 902102)

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### **BASKET FOR 13 LITER ULTRASOUND CLEANER**

- equipped with lifting handles
- dimensions LxDxH: 250 x 190 x 115 mm
- made of stainless steel



### **Machines**

VU13H

## **VU13SUP** (art. 902167)

---

### **BEAKER SUPPORT FOR 13 LITER ULTRASOUND CLEANER**

- n. 2 beaker positions
- made of stainless steel



### **Machines**

VU13H

## **VU30COVER** (art. 902158)

---

### **30 LITERS ULTRASOUND CLEANER COVER**

- made of plastic



### **Machines**

VU30H

## **VU30CSK** (art. 902162)

---

### **BASKET FOR 30 LITER ULTRASOUND CLEANER**

- equipped with lifting handles
- dimensions LxDxH: 455 x 250 x 115 mm
- made of stainless steel



### **Machines**

VU30H

## **VU30SUP** (art. 902168)

---

### **BEAKER SUPPORT FOR 30 LITER ULTRASOUND CLEANER**

- n. 2 beaker positions
- made of stainless steel



### **Machines**

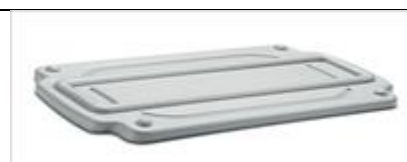
VU30H

## **VU45COVER** (art. 902159)

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### **45 LITER ULTRASOUND CLEANER COVER**

- made of stainless steel



### **Machines**

VU45H

## VU45CSK (art. 902163)

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### BASKET FOR 45 LITER ULTRASOUND CLEANER

- equipped with lifting handles
- dimensions LxDxH: 455 x 270 x 194 mm
- made of stainless steel



### Machines

VU45H

## VU90COVER (art. 902160)

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### 90 LITER ULTRASOUND CLEANER COVER

- made of stainless steel



### Machines

VU90H

## VU90CSK (art. 902164)

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### BASKET FOR 90 LITER ULTRASOUND CLEANER

- equipped with lifting handles
- dimensions LxDxH: 545 x 450 x 250 mm
- made of stainless steel



### Machines

VU90H

## **VUMICRO1** (art. 902470)

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### **TINY SURGICAL INSTRUMENT BASKET IN MICRO-STRETCHED FOR ULTRASOUND CLEANING - DIAMETER 59MM**

- suitable for holding tiny instruments and small instruments in general
- dimensions DIAMETER: 59 mm
- mesh 2 x 2 mm
- made of stainless steel



## Special supports

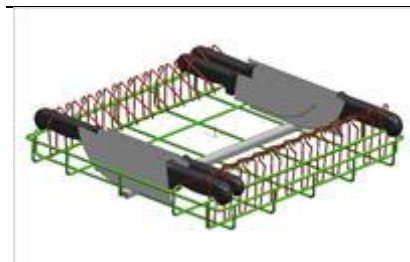
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### SCL-23 (art. 901856)

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#### UPPER KNIVES SUPPORT

- suitable for washing 23 knives for butcher
- max knife length 35 cm (handle included), maximum blade height 80 mm
- positioned on trolleys CS2 ed CSK-C
- made of stainless steel



## Baskets

### CPS20 (art. 900824)

#### BASKET WITH LID

- dimensions LxDxH: 430 x 190 x 60 mm
- made of stainless steel



### CSK1/3 (art. 900522)

#### INSTRUMENT BASKET WITH HANDLES

- suitable for holding various medium-sized instruments
- dimensions LxDxH: 435 x 160 x 50 mm
- mesh 5 x 5 mm
- made of stainless steel



### CSK2 (art. 900020)

#### BASKET WITH HANDLES

- suitable for holding medium-sized instruments
- dimensions LxDxH: 450 x 225 x 50 mm
- mesh 5 x 5 mm
- made of stainless steel



## Water systems accessories

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### IC3000 (art. 901210)

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#### DIGITAL CONDUCTIVITY INDICATOR FOR WP3000

- to monitorize the conductivity on water inlet
- range  $0.01 \div 19.99 \mu\text{S} \pm 2\%$
- temperature compensation and alarm LED with adjustable set point  $1-5 \mu\text{S}$
- inlet/outlet connectors  $3/4"$
- sensor cable length 2 m
- power supply 12 V



### PD50 (art. 900984)

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#### AUXILIARY TANK 50L

- 50 liters tank
- suitable to provide demineralized water to the washer machine
- made of PE-HD
- $3/4"$  BSP tap
- dimensions DIAMETERxH: 340 x 640 mm



## **PDA41** (art. 904235)

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### **AUTOCLAVED 41L WATER TANK**

- 41 liter pressurized diaphragm tank
- suitable to provide demineralized water to the washer machine
- external surface in steel painted white
- 1" female BSPP connection
- equipped with threaded extender M1 x 1/4", completed with elbow ball valve with 3/8" hose connection
- maximum working pressure: 7 bar
- minimum working pressure: 1 bar
- dimensions DIAMETERxH: 390 x 575 mm



## **PDA75** (art. 901578)

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### **AUTOCLAVED 75L WATER TANK**

- 75 liters tank
- suitable to provide demineralized water to the washer machine
- epoxy primed paint finish
- high grade butyl diaphragm
- virgin polypropylene liner
- maximum working pressure: 7 bar
- tank pre-charge: 0.5 bar
- dimensions DIAMETERxH: 400 x 800 mm





## **SDA100** (art. 901021)

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### **AUXILIARY TANK 100L WITH AUTOMATIC LEVEL CONTROL**

- 100 liters tank
- suitable to provide demineralized water to the washer machine
- made of PE-HD
- with automatic level control for external water feeding
- compatible with demi water booster pump PAD / PAD2
- rapid connection for 8 mm pipes in PE
- connection for demineralised water inlet
- connection for water inlet by auxiliary system
- 3/4" BSP tap
- dimensions DIAMETERxH: 450 x 820 mm



## **SDA50** (art. 901020)

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### **AUXILIARY TANK 50L WITH AUTOMATIC LEVEL CONTROL**

- 50 liters tank
- suitable to provide demineralized water to the washer machine
- made of PE-HD
- with automatic level control for external water feeding
- compatible with demi water booster pump PAD / PAD2
- rapid connection for 8 mm pipes in PE
- connection for demineralised water inlet
- connection for water inlet by auxiliary system
- 3/4" BSP tap
- dimensions DIAMETERxH: 340 x 640 mm



## Consumables

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### **CARTADP24** (art. 901367)

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#### **PRINTER PAPER DP24/3RTC**

- 10 roll pack



### **INKDP24** (art. 901368)

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#### **INK FOR PRINTER DP24/3RTC**

- single package cartridge

### **KTANK** (art. 904162)

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#### **TOOL FOR OPENING JERRYCANS**

- double-key for opening Dr. Weigert and SMEG canisters



### **SACCRES** (art. 901378)

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#### **RESINS DISPOSAL BAG**

- exhausted resin disposal bag

## WD-PAPER (art. 901709)

### THERMAL PAPER FOR PRINTER

- package of 10 rolls
- to be used with printers WD-PRINT, WD-PRINTE



## WD-RIBBON (art. 904008)

### RIBBON FOR WD-PRINTEINK

- ribbon for WD-PRINTEINK
- dimensions 57 mm x 74 M
- n. 4 pieces per box



## CL3000 (art. 900186)

### EMPTY RESINS CONTAINER

- capacity: 15 liters for WP3000
- made of stainless steel AISI 316L
- jolly fast connectors included



## **MI700WP** (art. 900166)

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### **RESIN KIT REFILL - FOR 15 LITER CONTAINER**

- mixed bed resins kit for WP3000 water purifier
- supplied with used resin disposal bag
- stainless steel resin container CL3000 not included



## **980103** (art. 980103)

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### **SPECIAL SALT TABLETS FOR EXTERNAL WATER SOFTENERS**

- 25 Kg pack



## **SALE** (art. 901358)

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### **SPECIAL SALT FOR INCORPORATED WATER SOFTENER**

- single pack of 20 kg (20 boxes of 1 Kg each)

## Detergents and additives

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### ACIDGLC2 (art. 901117)

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#### ACIDGLASS C2

- liquid phosphate-free neutralizer
- containing citric acid monohydrate
- 5 liters can



### ACIDGLP2 (art. 901171)

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#### ACIDGLASS P2

- acid liquid neutralizing agent for laboratory glassware
- containing phosphoric acid, citric acid monohydrate
- 5 liters can



## **DETERGL** (art. 900291)

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### **DETERGLASS**

- universal powder alkaline detergent
- containing disodium metasilicate pentahydrate, sodium carbonate, sodium hydroxide, troclosene sodium
- 10 kg pack



## **DETERLQC2** (art. 901116)

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### **DETERLIQUID C2**

- strong universal liquid alkaline detergent phosphate-free for washing steel up to 95 °C
- also suitable for washing rubber and plastic at 60 °C
- containing sodium silicate, polyacrylate, potassium hydroxide
- 5 liters can



## **DETERLQD2** (art. 901161)

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### **DETERLIQUID D2**

- liquid alkaline detergent
- containing sodium hydroxide, phosphonic-carboxylic acid, sodium hypochlorite
- 5 liters can



## **DETERLQSP2** (art. 903659)

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### **DETERLIQUID SP2**

- liquid alkaline detergent phosphate free for water analysis and pharmaceuticals
- containing potassium hydroxide, sodium hydroxide
- 5 liters can



## Spare parts

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### **IMBUTOLM** (art. 900099)

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#### **FUNNEL FOR INJECTION TROLLEY**

- manifold for the water flow into the injection trolley



### **KITPETROL** (art. 903400)

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#### **SPARE PARTS KIT FOR PETROCHEMICAL APPLICATIONS**

- spare parts kit for glassware washer used in petrochemical industries
- for periodic maintenance

### **KU40** (art. 901038)

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#### **SPARE KIT FOR NOZZLES**

- n. 40 glassware support nozzles diameter 3-4-6 mm
- n. 80 plastic tips diameter 3-4-6 mm
- special key for nozzles





## **LS5000** (art. 970055)

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### **CAN WITH SENSOR LEVEL GROUP**

- 2 liters can
- top with sucking tube
- level sensor



## **LS5010** (art. 970092)

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### **SENSOR LEVEL GROUP**

- top with sucking tube
- level sensor



## **PSCN1** (art. 900817)

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### **SUCKING TUBE IN STAINLESS STEEL**

- sucks liquid detergents from 5 and 12 liter cans



## **RUOTCS1** (art. 901698)

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### **CASTORS CONVERSION KIT**

- used to adapt the upper trolley CS1-1 on to the old guide rails used in machines manufactured before January 2007

## **RUOTCS1-1** (art. 901697)

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### **CASTORS CONVERSION KIT**

- used to adapt the upper trolley CS1 on to the new guide rails used in machines manufactured after January 2007



## **TAPPOSALE** (art. 901342)

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### **SALT CONTAINER TOP**

- integrated water softener salt tank closure top
- with salt level sensor



## **TAPPOUG** (art. 903297)

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### **TROLLEY NOZZLE CAP**

- for closing unused nozzle
- made of stainless steel



**TC40** (art. 900369)

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**CENTER TUBE FOR TROLLEY LM40**

- manifold for the water flow into the injection trolley



**TC40DS** (art. 900221)

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**CENTER TUBE FOR TROLLEY LM40DS WITH DRYING SYSTEM**

- manifold for the water flow into the injection trolley
- with drying system collector



**TC80** (art. 901554)

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**CENTER TUBE FOR TROLLEY LM80**

- manifold for the water flow into the injection trolley



**TC80DS** (art. 900222)

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**CENTER TUBE FOR TROLLEY LM80DS WITH DRYING SYSTEM**

- manifold for the water flow into the injection trolley
- with drying system collector



**U12300** (art. 904004)

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**NOZZLE IN STAINLESS STEEL**

- dimensions DIAMETERxH: 12 x 300 mm



**U12390** (art. 904005)

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**NOZZLE IN STAINLESS STEEL**

- dimensions DIAMETERxH: 12 x 390 mm



**U14450** (art. 904006)

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**NOZZLE IN STAINLESS STEEL**

- dimensions DIAMETERxH: 14 x 450 mm



**U26205** (art. 904007)

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**NOZZLE IN STAINLESS STEEL**

- dimensions DIAMETERxH: 26 x 205 mm



**U3110** (art. 900177)

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**NOZZLE IN STAINLESS STEEL**

- dimensions DIAMETERxH: 3 x 110 mm



### **U3215** (art. 900379)

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#### **RADIAL NOZZLE IN STAINLESS STEEL**

- dimensions DIAMETERxH: 3 x 215 mm
- radial sprayer
- for cleaning glass tubes



### **U390** (art. 900176)

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#### **NOZZLE IN STAINLESS STEEL**

- dimensions DIAMETERxH: 3 x 90 mm



### **U4140** (art. 900178)

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#### **NOZZLE IN STAINLESS STEEL**

- dimensions DIAMETERxH: 4 x 140 mm



**U4160** (art. 900179)

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**NOZZLE IN STAINLESS STEEL**

- dimensions DIAMETERxH: 4 x 160 mm



**U4180** (art. 900180)

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**NOZZLE IN STAINLESS STEEL**

- dimensions DIAMETERxH: 4 x 180 mm





**U4260** (art. 901744)

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**NOZZLE IN STAINLESS STEEL**

- dimensions DIAMETERxH: 4 x 260 mm



**U490** (art. 904013)

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**NOZZLE IN STAINLESS STEEL**

- dimensions DIAMETERxH: 4 x 90 mm



**U6150** (art. 901762)

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**NOZZLE IN STAINLESS STEEL**

- dimensions DIAMETERxH: 6 x 150 mm



**U6170** (art. 902134)

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**NOZZLE IN STAINLESS STEEL**

- dimensions DIAMETERxH: 6 x 170 mm



**U6220** (art. 900181)

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**NOZZLE IN STAINLESS STEEL**

- dimensions DIAMETERxH: 6 x 220 mm



**U6240** (art. 900182)

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**NOZZLE IN STAINLESS STEEL**

- dimensions DIAMETERxH: 6 x 240 mm



**U6260** (art. 900183)

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**NOZZLE IN STAINLESS STEEL**

- dimensions DIAMETERxH: 6 x 260 mm



**U6300** (art. 904014)

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**NOZZLE IN STAINLESS STEEL**

- dimensions DIAMETERxH: 6 x 300 mm



**U6370** (art. 900521)

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**DUAL SPRAYER NOZZLE IN STAINLESS STEEL**

- dimensions DIAMETERxH: 6 x 370 mm
- radial and vertical sprayer
- for cleaning cylinders and large bottles height 450-500 mm on trolleys LM40 - LPM20/20 - LB8 - LB16I



**U675** (art. 904015)

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**NOZZLE IN STAINLESS STEEL**

- dimensions DIAMETERxH: 6 x 75 mm



## U690 (art. 904012)

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### NOZZLE IN STAINLESS STEEL

- dimensions DIAMETERxH: 6 x 90 mm



## UB05 (art. 902653)

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### NOZZLE FOR BUTYROMETERS IN STAINLESS STEEL

- flat nozzle
- dimensions LxDxH: 2 x 3 x 180 mm
- suitable for butyrometers Gerber 0.5%

## UB12 (art. 900233)

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### NOZZLE FOR BUTYROMETERS IN STAINLESS STEEL

- dimensions LxDxH: 2 x 3 x 110 mm
- suitable for butyrometers Gerber 12%



## **UB4** (art. 902652)

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### **NOZZLE FOR BUTYROMETERS IN STAINLESS STEEL**

- flat nozzle
- dimensions LxDxH: 2 x 3 x 120 mm
- suitable for butyrometers Gerber 4%

## **UB6** (art. 900232)

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### **NOZZLE FOR BUTYROMETERS IN STAINLESS STEEL**

- flat nozzle
- dimensions LxDxH: 2 x 3 x 90 mm
- suitable for butyrometers Gerber 6%



**UC6** (art. 900174)

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**CURVED NOZZLE IN STAINLESS STEEL**

- aims water jet on powder detergent dispenser



**ULB40** (art. 900175)

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**NYLON PIPETTE ADAPTER NOZZLE**

- universal adapter for pipette washing





## Equipment compliant with applicable European directives

	ISO 9001: 2008 9120.SME1		ISO 13485:2012 9124.SME2	
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Illustrations, data and descriptions set out in this price list may be changed at any time.

Smeg S.p.A. reserves the right to introduce without prior notice all the modifications it sees fit to improve its products.

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