














PHS MD-150 WASHER DISINFECTOR

A compact unit for washing and disinfection of surgical, anaesthesia and dental instruments, medical shoes, minimally invasive surgery instruments (MIS), feeding bottles, laboratory glassware etc.

Features

-  Wide variety of carts and inserts
-  Frame and body made of AISI 304
-  Chamber is made of high-quality AISI 316L steel
-  7" color touch screen
-  Different languages operation and control
-  Hot air drying system
-  40 washing programs (15 pre-programmed and 25 user-defined)
-  Glass window door version (option)
-  2 peristaltic pumps
-  USB-port
-  Built-in thermoprinter (option)
-  Stand (option) improves ergonomics
-  Online calculation of A0 parameter value



PHS MD-150

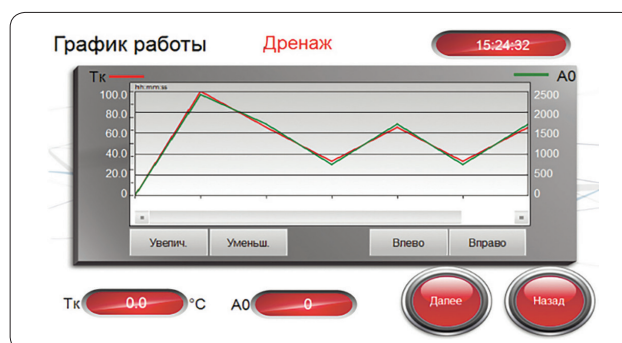
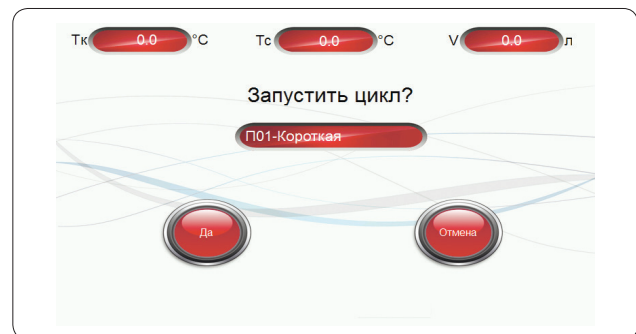
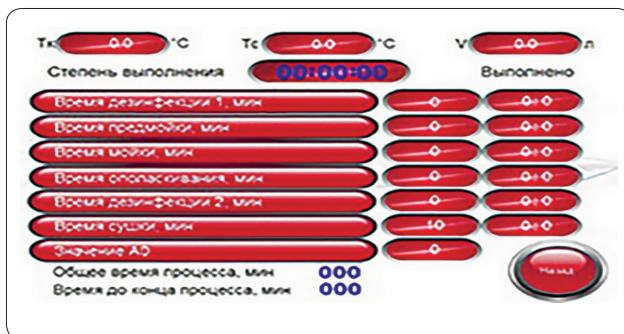
- 7" color touch screen
 - Intuitive interface
 - Visual image of cycle parameters
- Ease of control
 - Preprogrammed and user-defined programs
 - Program parameters can be copied
 - Factory reset capability
- USB-port
 - Ability to download and copy data
 - Ability to connect a printer
- Easy maintenance
 - Convenient layout of internal circuits and connections
 - Alarm archive
- Standard features
 - Stainless steel door
 - 2 peristaltic pumps
 - 3 level washing cart
 - 8 DIN 1/1 net baskets

Technical data

Parameter	Value
External dimensions (W*D*H), mm	910 (±50) x 685 (±50) x 890 (±50)
Basket volume, l	150
Capacity, pcs.	8 DIN 1/1 net baskets
Weight, kg	160
Power, kW	6 (±10%)

Control system













- We offer a complete disinfection and sterilization solution with similar interface and control panel for all equipment, making it convenient and easy to operate.
- The database screen, designed for tabular display of temperature in the chamber, allows the operator to observe the process in real time, save the data to an external medium.



PHS MD-230 WASHER DISINFECTOR

PHS MD-230 washer disinfector with various accessories can be used for washing, disinfection and pre-sterilization cleaning of instruments, medical accessories, dental instruments, tubes, hoses, anaesthetic accessories, microsurgical equipment and instruments, endoscopic equipment, and medical footwear.

Features

-  Single-door or pass-through versions
-  7" color touch screen (in case of pass-through version, full 7" screen on both sides)
-  Russified interface
-  Chamber and exterior panels are made of high-quality stainless steel
-  Hot filtered air drying
-  40 washing programs (15 pre-defined and 25 user-defined)
-  2 peristaltic pumps
-  Built-in inspection window
-  Ability to unlock the door when there is no power supply
-  Online calculation of of A0 parameter value
-  USB-port
-  Warranty 24 months from the date of commissioning



PHS MD-230

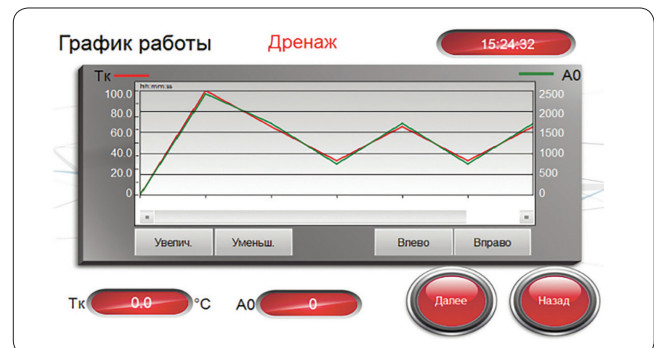
- 7" color touch screen, Russified
 - Clear display of cycle parameters, intuitive interface
 - Full-featured 7" screen in the discharge area in pass-through version
- Built-in inspection window and chamber illumination
 - Provide additional visual inspection
 - Illumination is included in basic complete set
 - cost-saving
- USB-port
 - Ability to download and copy data
 - Ability to connect a printer
- Optimal complete set
 - Equipped with a 4-level cart and 8 baskets as a standard
 - Includes insert for anesthesia instruments
 - Includes insert for MIS
- Ease of operation
 - Built-in and user-defined programs
 - Program parameters can be copied
 - Factory reset capability
- Easy maintenance
 - Convenient layout of internal circuits and connections
 - Archiving emergency events

Technical data

Parameter	Value
Dimensions (W*D*H), mm	690x700x1825
Chamber usable volume, l	220
Capacity, pcs.	8 DIN 1/1 baskets
Weight, kg	220
Power consumption, kW	8,3

Control system (in-house developed software)










- The database screen, designed for tabular display of temperature in the chamber, allows the operator to observe the process in real time, save the data to an external medium.
- Process parameters are displayed on the LCD screen in the form of tables, diagrams and graphs.
- Prompt confirmation on the LCD screen for starting operation to prevent the risk of operator error.
- Maintenance reminder on the LCD screen



KASKAD SM-100 WASHER DISINFECTOR

Specially designed for cleaning and disinfecting bed pans, urine collection bags, and other patient care items. The machine is designed for use in clinical hospitals, care facilities (nursing homes, etc.), hospitals and other healthcare institutions.

Features

-  Chamber and external panels are made of stainless steel
-  7" color touch screen with russified interface
-  High quality of treatment is achieved thanks to fixed and rotating nozzles that supply water to the outer and inner surfaces of the product
-  Automatic drain clog control
-  Steam generator overheat protection sensor
-  Steam is injected through nozzles to guarantee disinfection during the work cycle
-  Two peristaltic pumps with the ability to adjust the volume of supply:
 - for detergent supply
 - for antiscaling agent supply
-  The door is equipped with electronic locking system (the door locks securely during the disinfection process)
-  Warranty 24 months from the date of commissioning



Technical data

Parameter	Value
Number of doors, pcs	1
Washing chamber volume, l	80
Dimensions (D*W*H), mm	600×550×1620
Weight, kg	110
Maximal rated power, kW	5
Voltage / frequency, V / Hz	380/220/50



Bedpan washer DGM ES 10

Compact Solution for Sanitary Room



High capacity in a compact design: 1 bedpan and 1 urine bottle or up to 3 urine bottles



Time-saving and perfect cleaning results on a 6 min. standard cycle



Various models: manual door opening and closing; automatic door opening and manual closing; automatic door opening and closing



Eco-friendly: only pure water without any toxic chemical products

Type	Value
External dimensions (D×W×H), mm	475×545×1630
Power supply, V/Hz	380/50

EUROPEAN STANDARD

EN ISO 15883- 1/3, KIWA, CSA-US, EMC and SPRI. DGM Washer Disinfectors are classified CE Medical Device (Community rule 93/42/CEE) code nr.0051.



8 DIN 1/1 trays



DGM ES 50

For Hospital and Medical Centers

DGM ES 50 is a medium capacity unit for washing and disinfection of surgical, ophthalmological and dental instruments, medical shoes, instruments for minimally invasive surgery, feeding bottles and laboratory glassware. Available in a single-door version.



High capacity in a compact model: Chamber volume ~ 171 lt / 45.2 Gal US, Useful volume ~ 151 lt / 39.9 Gal US; External dimensions (D×W×H) 630×600(900)×850 mm



Cycles for all needs: 40 programs for different types of medical instruments (20 preprogrammed, 20 user defined)



High-quality: stainless steel AISI 316L for washing chamber, triple water filtering system for protection recirculation and drain pumps, washing system with powerful circulation pump



Total control throughout the cycle including two independent PT1000 temperature probes, sensors control chamber water level to prevent overflow, vacuum switch for checking chemical products

DGM ES 50 has two types of drying systems: Heating element (enough for surgical instruments); Filtered force air drying system (the best system for different types of tubular instrument). Equipped with two standard chemical dosing pumps. A wide range of options are available on request

EUROPEAN STANDARD

EN ISO 15883-1/2, CEN ISO/TS 15883-5 and HTM 2030. DGM Washer Disinfectors are classified CE Medical Device (Community rule 93/42/CEE) code nr.0051.

WASHER DISINFECTORS

DGM ES 200, ES 250



DGM ES 200
8 DIN 1/1 trays
DGM ES 250
10 DIN 1/1 trays

DGM ES 300, ES 350



DGM ES 300
12 DIN 1/1 trays
DGM ES 350
18 DIN 1/1 trays

DGM ES 200, ES 250, ES 300, ES 350

*For Hospital CSSD
and Medical Centers*

DGM ES washer disinfectors are designed and made in Europe. Made for washing and disinfection of surgical instruments, ophthalmological instruments, dental instruments, medical shoes, instruments for minimally invasive surgery, feeding bottles, laboratory glassware, etc. Our range of DGM ES washer disinfectors are the perfect choice for your infection control needs.



Wide range of chambers: from 8 to 18 DIN 1/1 trays



CSSD version: single or double-door version



Economical: low energy consumption



Time-saving: fast cycle version available



High-quality and high-productivity

DGM ES 200, ES 250, ES 300 and ES 350 have chambers made of stainless steel AISI 316 and exterior panels made of stainless steel AISI 304. They have an RS 232 port for monitoring and validating parameters of washing cycles. DGM ES 200 and ES 250 are equipped with two standard chemical dosing pumps, DGM ES 300 and ES 350 with three standard chemical dosing pumps.

Total control throughout the cycle

- ☑ Two independent PT1000 temperature probes for temperature control,
- ☑ Sensors control chamber water level and prevent overflow,
- ☑ Vacuum switch for checking chemical products.

Cycles for all occasions

From 40 to 65 programs for different type of instruments.

Powerful drying system

Ideal for perfect drying of all types of instruments including tubular.

User-friendly

Easy to operate using LCD or Sensor display in DGM ES 200 / ES 250 and Sensor display in DGM ES 300 / ES 350.

High-quality and high-productivity

Triple water filtering system for protection of recirculation and drain pumps. Washing system with powerful circulation pump. Standard or fast cycle version available that saves more than 50% of total washing time.

Accessories

A wide range of carts for all types of medical instruments are available.

Models	Door versions	DIN 1/1 trays capacity, pcs	External dimensions (D×W×H), mm	Power supply, V/Hz	Standard chemicals dosing pumps
DGM ES 200	Hinged drop down	8	660 (710)×650×1685	380/50 other electrical connections on request	2
DGM ES 250		10	687 (710)×650×1840		
DGM ES 300	Sliding	12	740×900×1940		3
DGM ES 350		18	915×1140×1900 (2355)		

A wide range of options, as well as Laboratory washer disinfectors are on request.

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DGM T

Pre Sterilization Treatment

Trolley and cart washers DGM T are complete and multipurpose devices. Available in two main versions - thermal or chemical disinfection.

DGM T models are used for treatment of various trolleys and beds. Being equipped with different washing trolleys they allow treatment of instrument containers, shoes, plastic crates and other large items.



Capacity from 3105 to 5750 liters



Single or double-door version



User-friendly: touch-screen control panel and glass door(-s) for easy process visual inspection



Cycles for all needs: 65 programs for different types of medical instruments



Washing chamber is made of stainless steel AISI 316L mirror polishing, exterior panels are made of stainless steel AISI 304

DGM T washer disinfectors offer a complete cleaning, thermal disinfection and drying treatment through high flow recirculation pumps and high speed blowers.

Energy saving concept

- DGM trolley washer disinfectors are high capacity devices.
- Using the pre-heating tanks reduces water consumption and heating times to the minimum whilst observing international standards.

Powerful drying system

Ideal for complete drying of all types of devices, particularly hard-to-reach places.

Total control throughout the cycle

- Two independent PT1000 temperature probes for temperature control.
- Sensors control chamber water level and prevent overflow.
- Vacuum switch for checking chemical products.

Models	External dimensions (D×W×H), mm	Internal dimensions (D×W×H), mm	Chamber useful capacity, L	Power supply, V/Hz
T 2500	1660×1800×2460 (2350 pit installation)	1500×1100×1882	3105	400/50 other electrical connections on request
T 5000	2550×2500×2410 (2260 pit installation)	2250×1190×2150	5750	

EUROPEAN STANDARD

EN ISO 15883-1/2, CEN ISO/TS 15883-5 and HTM 2030. DGM Washer Disinfectors are classified CE Medical Device (Community rule 93/42/CEE) code nr.0051.