

# FLEX ENDO-1 FLEXIBLE ENDOSCOPE TREATMENT UNIT

**FLEX ENDO-1** is a new improved model of the first Russian installation for the automatic treatment of flexible endoscopes, which provides washing, high-grade disinfection, drying and additional drying with alcohol (made in accordance with requirements of GOST ISO 15883-1-2011 and GOST R ISO 15883-4-2012). Automated cleaning and disinfection cycles significantly reduce the time and improve the quality of flexible endoscope treatment.









**DGM Steriguard consumables have been tested and recommended for use in the Flex Endo-1 flexible endoscope washer disinfectant.**

## FLEX ENDO-1

- Universal equipment for all types and brands of flexible endoscopes
- Reliable equipment made in Russia with a 100% localization
- New modern design and improved functionality
- Fully automated process for disinfecting flexible endoscopes
- The best price/performance ratio
- Transparent chamber top cover allowing to monitor the endoscope treatment
- Built-in air compressor for drying endoscope channels
- Warranty 24 months from the date of commissioning
- Unprecedented fast assembly and delivery within a month



## Features

-  12 programs (free programming of parameters according to the user's needs)
-  7" color touch display
-  Housing is made of stainless steel to ensure reliability and durability
-  Built-in leak test
-  Disinfectant heating
-  Air and water filtration system
-  Built-in thermal printer
-  Possibility of forced drainage of liquids

## Technical data

Parameter	Value
Number of simultaneously treated endoscopes, pcs	1
Reservoirs capacity, l	Detergent - 2, Disinfectant - 20, Alcohol - 2
External dimensions (W*D*H), mm	590x690x950
Temperature of disinfectant heating, °C	up to 50

# DGM Steriguard®

Pharmstandard-Medtechnika LLC presents a full range of consumables for sterilization, disinfection and pre-sterilization treatment, as well as a line of thermosealing machines. «DGM Steriguard®» consumables are produced in Russia and at the world's leading sites.

## DGM Steriguard® consumables are:

- The best price / quality ratio on the Russian market
- Full compliance with Russian and international standards, including GOST ISO 11607-2011, GOST ISO 11140-2011, EN 868
- Use in packaging materials only materials intended for medical purposes



### DGM Steriguard® EASY Oxy

Disinfectant based on peracetic acid 3.2% (two-component). For manual and mechanized application:

- for disinfecting medical devices made of various materials (5 min.);
- for high-grade disinfection of endoscopes (5 min.);
- for sterilization of medical devices made of various materials (15 min.).



### DGM Steriguard® EASY Des

Disinfectant based on glutaric aldehyde - 2.5%. For manual and mechanized application:

- for disinfecting medical devices made of various materials (5-10 min.);
- for high-grade disinfection of endoscopes (5 min.);
- for sterilization of medical devices made of various materials (60 min.).



### DGM Steriguard® EASY Orto

Disinfectant based on orthophthalic aldehyde - 0.60%.

For manual and mechanized application:

- for disinfecting medical devices made of various materials (5-10 min.);
- for high-grade disinfection of endoscopes (5 min.).



### DGM Steriguard® EASY Enzy

Based on a complex of enzymes (protease, lipase, and amylase). Concentration of the working solution is 0.5% - 1%. Product for preliminary, finishing and pre-sterilization treatment of endoscopes for manual and mechanized application. Available in 1-liter and 5-liter containers. Concentrate.



### DGM Steriguard® EASY ENDO

To control the efficiency of cleaning of endoscopes.

The set includes 25 indicators and tube 2m long and 2mm in diameter imitating endoscope.

The indicator must be placed in the tip of the tube.



### DGM GS 3, GS 8

*For Endoscope Cabinets and CSSD*

DGM GS is an integrated endoscope reprocessing system that provides complete, consistent, high-level disinfection of rigid and flexible endoscopes.



Universal: for rigid and flexible endoscopes



Possible to use different chemical products: DGM GS is compatible and tested with peracetic acid and glutaraldehyde



Total control of the process: leak test is executed during the whole wash/disinfection cycle with automatic cycle stop in case of any anomaly



Total filtration: Complete purging of the instrument channel by a built-in 0,2  $\mu\text{m}$  sterile air system; 2 steps water filtration system (one 0.45  $\mu\text{m}$  and one 0.2  $\mu\text{m}$  filter)

The highest flexibility is granted by the compact design which ensures low cycle costs by reducing consumption of water, chemicals and energy.

**High capacity in a compact design:**

- DGM GS 3 is for 1 flexible endoscope or up to 3 video fiberscopes/cystoscopes of all types and brands.
- DGM GS 8 is for 2 flexible endoscopes or up to 8 video fiberscopes/cystoscopes of all types and brands.

**GS 3 has a unique RACK option:**

Two DGM GS 3 units can be placed on top of each other which allows asynchronous reprocessing of 2 flexible endoscopes in a small area.

**GS 8** is available in single or pass through double door version.

**Absolutely safety for any endoscope**

- Flow and pressure monitoring during the whole cycle for each channel of the endoscopes.
- The channels treatment is guaranteed by dedicated pumps for each channel of the connected endoscopes.

**Modern**

Possibility of creating a database of endoscopes, doctors, operators.

Model	External dimensions (D×W×H), mm	Power supply, V/Hz
<b>GS 3</b>	630×600×945	220/50 other electrical connections on request
<b>GS 8</b>	710×860×1940	380/50 other electrical connections on request

**EUROPEAN STANDARD**

EN ISO 15883; DGM Washer Disinfectors are classified CE Medical Device (Community rule 93/42/CEE) code nr.0051.