







Z-40 TZMOI LOW-TEMPERATURE PLASMA STERILIZER

Compact size low temperature plasma sterilizer with a 50 liters chamber volume. It is supplied with a movable table and can be installed where needed.

Features

-  Table versions
-  Table on wheels
-  Hinged door with automatic locking mechanism
-  7" color touch-screen display for entering and monitoring parameters of sterilization process
-  Built-in printer
-  USB-port for process data transfer



Z-40 Plasma sterilizer

- Large chamber capacity
- Compact size
- Short cycle time
- Easy to install and maintain
- Thermal printer and USB port»






Technical data

Parameter	Z-40
Version	Tabletop
Chamber volume, l	64
Chamber type	Rectangular
Sterilization temperature, °C	50±3
Sterilizing agent	Hydrogen peroxide
H ₂ O ₂ concentration, %	58—60
Short cycle, min.	~28
Standard cycle, min.	~40
Long cycle, min.	~50

Z-150/220 TZMOI LOW-TEMPERATURE PLASMA STERILIZER

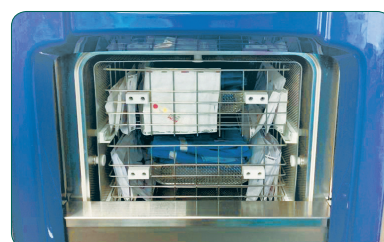
Z-150 / 220 models have high capacity and maximum efficiency for sterilization of expensive equipment made of heat-sensitive materials. Z-150/220 are available as a pass-through sterilizers for the Central Sterilization Departments with a need for separation of clean and sterile areas.

Features

-  Foot pedal
-  Automatic vertical sliding door(s)
-  Built-in wheels for easy installation
-  Built-in printer
-  Remote monitoring and control

Z-150/220 Plasma sterilizers

- Unique design
- 10" color LCD display
- Rectangular chamber, completely made of aluminum
- Fast cycle
- Easy to install and maintain
- Leak test



Technical data

Parameter	Z-150	Z-220
Version	Floor standing Single / double door	
Chamber volume, l	135	225
Chamber type	Rectangular	
Sterilization temperature, °C	50±3	
Sterilizing agent	Hydrogen peroxide	
H ₂ O ₂ concentration, %	58—60	
Short cycle, min.	~28	~28
Standard cycle, min.	~50	~65
Long cycle, min.	~65	~75

DGM Z-150, DGM Z-220



DGM Z-40

DGM Z

For CSSD, Hospitals, Respiratory and Gastroenterology Endoscopy Clinics

Low temperature plasma sterilizers DGM Z are used to sterilize medical equipment and instruments made of heat-sensitive materials: products of synthetic and polymer materials, medical optical systems, medical electric instruments and electrical power cables, rigid endoscopes, ultrasonic medical devices, sensors, medical devices, including ultrasound devices, medical implants and tools for their installation, etc.



Economical: extremely low operating cost, lowest per cycle



High-efficiency and high-productivity



Modern: remote monitoring and control of sterilizers



Easy to operate using 7" or 10.1" colour touch-screen and a foot-pedal



Eco-friendly: The process by-products are non-toxic oxygen and water vapor

DGM Z models have advanced features for ease of use and quality control including a foot pedal to facilitate the loading process. They are also available as a pass-through sterilizers for the Central Sterilization Departments with a need for separation of clean and sterile areas.

Easy to Install

The DGM Z does not required any special connection for the installation, only electricity. Products of decomposition are water and oxygen.

Advanced Features

The DGM Z Plasma sterilizers have an advanced control system. Three sterilization programs and leakage test. Remote monitoring of sterilizers is available. Reminders for service on LCD screen.

Wide Range of Models

The DGM Plasma sterilizer series has three different volumes: DGM Z-40 with a usable volume of 50 liters, DGM Z-150 with a usable volume of 103 liters and DGM Z-220 with a usable volume of 181 liters.

Low Running Cost

One container provides 40-50 cycles, one of the lowest per cycle costs.

Models	Total chamber volume, L	Usable chamber volume, L	External dimensions (D×W×H), mm	Power, kW
DGM Z-40	64	50	850×725×750	2.3
DGM Z-150	135	103	960×860×1750	3
DGM Z-220	225	181	1460×860×1750	3.5

Express cycle is used for fast surface sterilization. Standard cycle is used for general medical instruments (metal and non-metal) including instruments with internal diameter 1 mm or larger and length 500 mm or shorter. Long cycle is used for polyethylene and Teflon lumen tubing with internal diameter 1 mm or larger and length 2000 mm or shorter.

Total cycle time (min)

Models	Express	Standard	Long
DGM Z-40	28	40	50
DGM Z-150	30	45	65
DGM Z-220	30	65	75

EUROPEAN STANDARD

ISO 9001:2008 – Quality Management Systems; EN ISO 13485:2003 – Medical Devices – Quality; EN ISO: 14971:2000 – Medical Devices: Application of risk management to medical devices; ISO: 14937 – Sterilization of health care products – General requirements for characterization of a sterilizing agent and the development, validation and routine control of a sterilization process for medical devices; ISO 61010 – Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-040: Particular requirements for sterilizers and washer-disinfectors used to treat medical materials – Part-042: Particular requirements for autoclaves and sterilizers using toxic gas for the treatment of medical materials, and for laboratory processes