



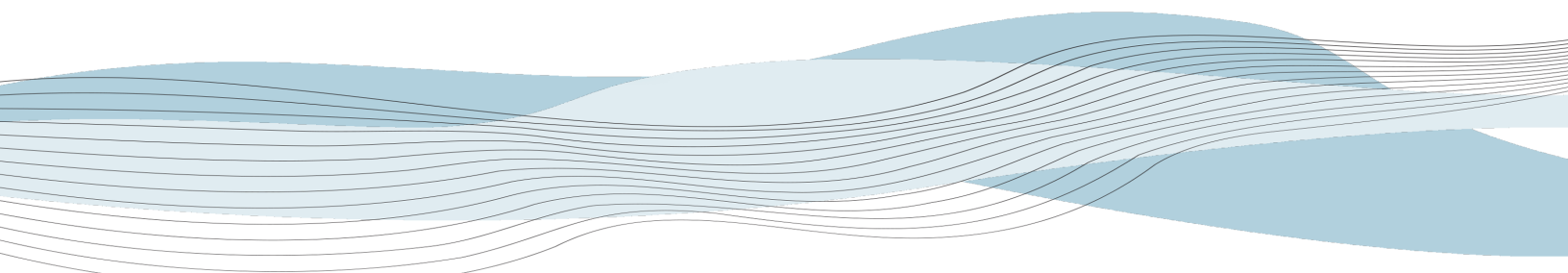
MEDICATECH VET®
A Medicatech Company

Plasma Sterilizer Autoclave MPS30



The next-generation Plasma Sterilizer Autoclave offers an alternative to high-temperature autoclaves, which limit the types of surgical items that can be sterilized. It is designed to generate plasma by using hydrogen peroxide vapor diffusion technology, sterilizing all surgical medical devices—both metallic and non-metallic material—at low temperatures quickly (in less than one hour) and safely.

The byproducts produced are passed through a three-stage filter and a hydrogen peroxide catalyst. Since they are converted into small amounts of oxygen and water vapor at discharge, no separate ventilation process is required.





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Product Feature :



- The sterilizing agent is Hydrogen Peroxide (40–60 wt%).
- Automatically opens and closes the door with built-in interlocks that securely lock during the sterilization process.
- Features 19 error alarms to prevent incomplete sterilization.
- Includes overheat protection, door interlock, and a sterilant injection system to prevent leakage when the sterilizing agent is desorbed.
- Fully automatic sterilization control is provided via a micro-processor with a 7-inch LCD touch display panel.
- Achieves precise air removal using a pre-vacuum method; since the by-products consist of only small amounts of water and oxygen, additional ventilation is not required.
- Offers excellent drying of residual moisture through a pre-heat and mechanical ventilation system.
- PCD tested for both metallic and non-metallic tools and instruments.





Product Specifications :

Chamber Size	9.65" (W) x 9.65" (H) x 22.3" (L)
Sterilization Temperature	55°C ± 5°C
Overall Size	30" (W) x 17" (H) x 28.3" (L)
Sterilization Pressure (Diffusion Process)	0.05 bar – 1.35 bar
Sterilant	Hydrogen Peroxide (40–60 wt%)
Air Removal System	Forced ventilation by vacuum pump
Vacuum Range	0.04 bar – 1.35 bar
Vacuum Leak	Average of 1 mmHg/min or below
Power Consumption	2400 W
Control Method	Fully automatic via microprocessor
Installation Method	Desk type
Power Requirement	220V AC, 50/60 Hz
Display Device	7-inch full-touch LCD
Weight	143 lbs



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Optional Accessories :



Sterilizing Agent



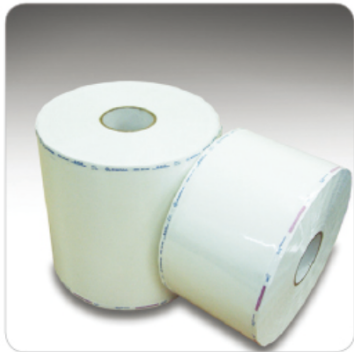
Biological Indicator
[OPTION]



Chemical Indicator
Strip [OPTION]



Chemical
Indicator Tape
[OPTION]



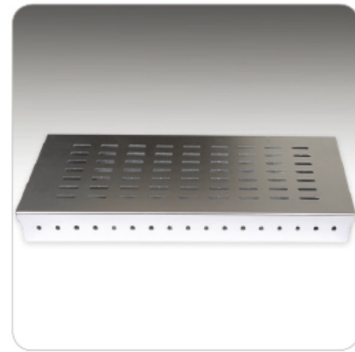
Pouch Roll
[OPTION]



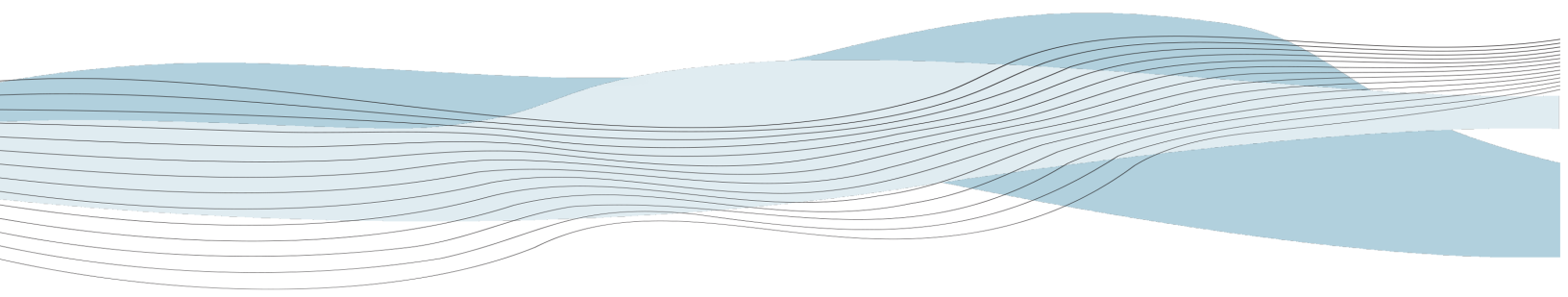
Non-Woven Sheet
[OPTION]



Incubator
[OPTION]



Container
[OPTION]





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