

MODEL

# BM-055L

High technology Even the biggest success Starts with a first step



## Specifications

Item		
Capacity of Chamber		55 liter
Temperature of Sterilizing Chamber		Preparation 3~15 minutes Stage Sterilization 30~35 minutes Stage Exhaustion & 4~25 minutes drying
Sterilant		50% hydrogen peroxide
Vacuum range		760torr-0.5torr
High voltage transformer (Plasma)	Input voltage	220V/AC 60Hz
	Output voltage	15Kvp 20Khz
Service voltage		Input : 230V- ,50/60Hz, Single phase
Chamber Door		Sliding Door (Single)
Power consumption		2KW
Dimensions	Width	558mm
	Height	815mm
	Length	882mm
	Weight	190kg



## Accessories



- Cryo-prober
- Dopplers
- Electrocautery instruments
- Defibrillator paddles
- Endoscopic instruments
- Rigid endoscopes [laryngoscope & blade, arthroscopes, laparoscopes & Trocar cannula and Trocar sheaths, resectoscope and sheaths, etc]
- Flexible endoscopes [bronchoscopes, hysteroscopes, choledochoscopers, ureteroscopers, cystoscopes, etc.]
- Esophageal dilators
- Fiberoptic light, cables
- Laser handpieces, fibers, accessories
- Shaver handpieces / Pigmentation handpieces
- Metal instrumentns.
- Ophthalmic lenses (Diagnostic, Magnifying)
- Patient lead cable
- Radiation therapy equipment
- Surgical power equipment and batteries (Power drills)
- Ultrasound probes
- Video cameras and couplers
- Medical tools designated by EcoStar-G which are within the range of sterilizing items



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# Low Temperature Plasma Sterilizer

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MODEL  
**BM-150L**

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**Specifications**

Item		
Capacity of Chamber		150 liter
Temperature of		50°C - 60°C
Sterilizing Chamber		Preparation 3-15 minutes Stage Sterilization 30-35 minutes Stage Exhaustion & 4-25 minutes drying
Sterilant		50% hydrogen peroxide
Vacuum range		760torr-0.5torr
High Input	voltage	220V/AC 60Hz
transformer Output	[Plasma] voltage	15Kvp 20Khz
Service voltage		Input : 230V- ,50/60Hz, Single phase
Chamber Door		Sliding Door (Single)
Power consumption		4KW
Dimensions	Width	895mm
	Height	1,577mm
	Length	1,038mm
	Weight	350kg



MODEL  
**BM-035L**

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**Specifications**

Item		
Capacity of Chamber		35 liter
Temperature of		50°C - 60°C
Sterilizing Chamber		Preparation 3-15 minutes Stage Sterilization 30-35 minutes Stage Exhaustion & 4-25 minutes drying
Sterilant		50% hydrogen peroxide
Vacuum range		760torr-0.5torr
High Input	voltage	220V/AC 60Hz
transformer Output	[Plasma] voltage	15Kvp 20Khz
Service voltage		Input : 230V- ,50/60Hz, Single phase
Chamber Door		Sliding Door (Single)
Power consumption		1.5KW
Dimensions	Width	565mm
	Height	439mm
	Length	810mm
	Weight	70kg



# Product Features

**Smart system**

- Embedded system.
- Complete removal of exhausted hydrogen peroxide.
- Complete dehumidification and minimization of processing time by controlling processing time along moisture content.
- Automatic input control of sterilant along the input amount of object of sterilization.

**Advanced technology**

- Advanced concentration technology of hydrogen peroxide.
- In-house development of oil filter.

**Easy installation / Easy to use**

- Capable of being installed anywhere the user wants.
- User-oriented interface

**Environment-friendly sterilizing environment / Definite durability**

- Safe for environment by exhausting small amount of water vapor and oxygen after sterilization.
- Securement of durability due to simplification of medical parts and product parts.

**Fast sterilizing time / Low temperature sterilization**

- Minimization of inventory cost due to fast turnover of medical tools by fast sterilizing time.
- Proper for medical tools which are sensitive to heat due to sterilization at temperature of 50°C~60°C

**User & patient-friendly sterilizer**

- Safe for users and patients due to the use of hydrogen peroxide as sterilant.

**Verified strong sterilizing effect**

- Through Lumen Diameter 1mm x Length 12m
- Single Lumen Diameter 1mm x Length 2m

**Low Temperature Plasma sterilizer**

- High concentration sterilization due to concentration technology of hydrogen peroxide (H2O2 50% → insert the image of concentration → H2O2 80~90%)
- Sterilizer that is harmless to the users and patients
- Environment-friendly sterilizer that does not produce air pollution
- Capable of coping with International Convention on Environment / Regulations actively
- Easy to use / Compact size