

Low Temperature Plasma Sterilizer is user-friendly, as the main sterilizing agent is very safe, remaining nontoxic residue (Water and Oxygen).

SEBA PL series Plasma Sterilizers are offered with single & double door options in free standing configuration as a fully automatic plasma sterilizer. To assure fast & efficient sterilization, pre-set programs for different kinds of equipment with different specifications are set.

Item / Description		SM PL80	SM PL100	SM PL125	SM PL150
Sterilizing Agent		Hydrogen Peroxide			
		20 Cycles / Bottle	20 Cycles / Bottle	20 Cycles / Bottle	20 Cycles / Bottle
Total Cycle Time	Quick	25+5 Min	30+5 Min	40+5 Min	50+5 Min
	Standard	35+5 Min	40+5 Min	50+5 Min	60+5 Min
	Special	45+5 Min	50+5 Min	60+5 Min	70+5 Min
Cycle Temperature		50±5	50±5	50±5	50±5
SAL(Sterility Assurance Level)		10 ⁻⁶	10 ⁻⁶	10 ⁻⁶	10 ⁻⁶
Dimensions	Overall	680 mm (W)	680 mm (W)	680 mm (W)	680 mm (W)
		1600 mm (H)	1600 mm (H)	1600 mm (H)	1600 mm (H)
		930 mm (D)	980 mm (D)	1030 mm (D)	1080 mm (D)
	Chamber	400 mm (W)	400 mm (W)	400 mm (W)	400 mm (W)
		400 mm (H)	400 mm (H)	400 mm (H)	400 mm (H)
		520 mm (D)	640 mm (D)	800 mm (D)	940 mm (D)
Volume		Total : 80 Liter	Total : 100 Liter	Total : 125 Liter	Total : 150 Liter
Weight		280kg	300kg	330kg	350kg
Lumen Claims		Rigid Lumen & Flexible, Lumen, Endoscopes			
Chamber	Type	Rectangular			
	Material	Stainless Steel(SUS)			
Control		Microprocessor & Windows CE Embedded			
Cycle Information		Screen, Printer, USB, 100/10Mbps Ethernet(Optional)			
PM Cycle		Automatic Alarm & Setup			
Electrical		220V 1Phase - 380V 3 Phase, 50/60Hz, 3~3,5kW			
Installation Requirements		Front, Rear : 100cm Left Side, Right Side: 10cm Placement : Built-in Wheels Provide Mobility			
Room Conditions		5 ~ 40 , 0 ~ 95%RH (Non-Condensing)			
Printer		Built-in Thermal Printer(60Ø Roll Paper) Cycle Parameters (Temperature, Pressure, Time, Daily&Total Cycle, Etc) Alarm & Error Display			
Others		On/Off Button (Front), Operator ID Login, Self-Diagnosis, Multi-Language, RFID Coding System			

APPLICATION

SEBA PL series plasma sterilizers are used for cold and fast sterilization in hospitals, laboratories and dental clinics for all heat and moisture sensitive equipment which are resistant to H₂O₂.

COMPATIBILITY

Metal instruments and medical devices made of aluminum, brass stainless steel or titanium; plastic medical devices made of Teflon (PTFE or similar), PE, PU, PVS, silicone, polystyrene, PP, PMMA, ULTEM, Radel, PEEK, polycarbonate, lexan, marcalone, LCP, kraton, EVA, nylon, polyamide, delrin or POM; glass materials. Operator is responsible for sterilization of proper materials in PL Series. Sterilization load guides provided by medical device manufacturers and related institutes must be referred by operator before using device.

OVERALL

Device is designed without any PVC Lexan printed labels or stainless steel on the panel in order to reduce the risk of infection. All outer surfaces are from shock resistant glass surface (black or white color on request). Brand marking is done by logo placed behind tempered glass panel. Also manual controls are omitted from front panel design as all controls are established by a 7" Color TFT touch screen. Movement ability is provided with wheel already installed.

TECHNICAL FEATURES

Integrated RF plasma system provides cold, fast and residue free sterilization. Plasma system is activated during cycle and turns H₂O₂ into O₂ and H₂O for environmental friendly process. Stainless Steel chamber coated with a specially formulated PTFE polymer.

Non-sticking and scratch resistant coating provides clean and brand new looking even after intense use. Each shelf inside chamber is able to carry 30 kgs of load. It is possible to open chamber door with a foot switch (sensor). Sterilization process is completely validate. RFID system is used for operator identification and process safety. RFID tag cards are used by operators for process traceability.

- ✧ **Fast running cycle increases turnover rate the delicate and state-of-the art medical equipment in the hospital.**
- ✧ **This rapid turnover rate lightens the hospitals' financial burden, as they do not need to equip a number of redundant medical devices.**
- ✧ **The by-products after sterilization, water and oxygen, contribute Green Environment as well as guarantee user-safety, substituting for other sterilizations which use harmful materials.**
- ✧ **Low Temperature Plasma Sterilization is representative of all other kinds of Low Temperature Sterilization such as Ethylene Oxide or Formaldehyde.**
- ✧ **The temperature keeps lower than 60°C and cycle time is under 1 hour, which prevents heat and moisture damages to sophisticated medical instruments, and prolongs the life expectancies of them.**



SEBA Handels GmbH
Ziegeleiweg 6a, 51149 Köln, Germany
Tel: +49 162 6963 172 * Fax: +49 163 800 33 55
info@sebagmbh.de www.sebagmbh.de