



Low-Temperature Plasma Sterilizer

Model: PSP-PL-130D

Capacity : 130 Lit



- Temperature/moisture-Sensitive tools sterilizer in the shortest time
- High sterilization output in low temperatures
- Environmentally friendly
Eco-friendly
- Locally produced cartridge
- Modern DBD technology



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● Sterilizable tools and equipment with a sterilizer

Suitable for Minimally Invasive Surgery (MIS) endoscopes

- Cryo-probes
- Dopplers
- Electrocautery instruments
- Cranial pressure transducer cables
- Defibrillator paddles
- Endoscopic instruments
- Rigid endoscopes (laryngoscope & blade, arthroscopes, laparoscopes & Trocar cannula and Trocar sheaths, resectoscope and sheaths, etc.)
- Flexible endoscopes (bronchoscopes, hysteroscopes, choledochoscopes, ureteroscopes, cystoscopes, etc.)
- Esophageal dilators
- Fiberoptic light cables
- laser handpieces, fibers, accessories
- Shaver handpieces / Pigmentation handpieces
- Metal instruments
- Ophthalmic lenses (diagnostic, magnifying)
- Patient lead cables
- Radiation therapy equipment
- Surgical power equipment and batteries (Power drills)
- Ultrasound probes
- Video cameras and couplers



Cystoscope



Endoscopic Instrument



Trocar cannula



Choledochoscope



Laparoscope



Bronchoscope

Heat sensitive instruments



Tube



Micro eye surgery instrument



Light cords



Power drills



TUR Set

Consumables Simple Convenience



Biological Indicator



Tyvek Pouch



B/I Incubator



Instrument Tray



Printer Paper



Sterilization Agent



Chemical indicator Strip



Chemical indicator Tape





Model PSP-PL-130D Plasma Sterilizer Features

- Lowest sensitivity to tool moisture without the need for warm-up time
- Easy installation without special facilities
- Cartridge safety cover, which prevents burns and oxygenized water leaks
- Use hydrogen peroxide at a concentration of 50%
- No damage and corrosion on the tools
- Use of one cartridge per sterilization cycle and reduce the cartridge loss in the event of an unfinished cycle
- The ability to place metal objects without cover even in contact with the inner wall and floor of the compartment
- Maximum device temperature is 52°C
- Available in three advanced, eco and non-lumen modes depending on the length and the number of lumens
- Can sterilize lumens with a diameter of 1 mm to 12 meters in length
- The only plasma sterilizer with the ability to sterilize lumens with a closed-end
- An easy transfer without the worry of hydrogen peroxide leakage
- The only odorless plasma sterilizer using reverse plasma
- Licensed by the General Medical Board
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Why PSP-PL-130D Plasma Sterilizer?

- Using a cartridge for each sterilization cycle will help reduce the loss if an unfinished cycle occurs
- With rectangular compartment and usability of all compartment space
- Includes Self-Test program to test the whole elements of the device without the need for cartridges
- The only odorless plasma sterilizers using reverse plasma filters
- Features two separate floors in the compartment with special baskets
- Features a printer with the ability to print cycle details at the end of the cycle
- Free radical injection in the vacuum phase

● Specifications of the Automatic Plasma Sterilizer Device

PSP-PL-130D

Item	PSP-PL-130D		Item	PSP-PL-130D	
Total cycle Time	Eco cycle : 45min / Non-Lumen cycle : 28min		Connection	Electricity	230V, Single Phase 50/60 Hz
	Advanced cycle : 62 min		Program	Self - Test Mode	Automatic
Processing temperature	Below 52°C			Printer Output	Thermal Printer
Dimension & Weight			Display	Screen	7" TFT Touch Screen
	Weight	640 Kg		Alarm	Audible & Visible Alarm
Sterilization Chamber	Configuration	Rectangular	Sterilizes A Wide Range Of Standard	Single - Channel Stainless Steel Lumen	Advanced cycle: 1Ø x 1,000mm
	131.4L, 450(W) X 730(D) X 400(H)mm			Single - Channel Teflon Flexible Lumen	Advanced cycle: 1Ø x 12,000mm
	Usable Volume	120L		Single-Through Lumen	Advanced cycle: 2Ø x 1,500mm
	Shelf	2 (Upper / Lower)			
	Material	Stainless Steel			
Sterilant	Liquid Chemical Agent	Hydrogen peroxide	Air Inlet Bacteria Retention Filter	HEPA Filter	99.999% Efficiency at 0.3 micron (0.3 x 10 ⁻⁶)
	Concentration & Usage	10ml (50%) 1 Cycle / Cassette			

▶ User friendly interface - Touch screen controls

Easy - to - use and color - coded touch screen
 Easy monitoring sterilization cycle information:
 Cycle time, Temperature, Pressure, and much more

▶ Spacious chamber

Spacious rectangular chamber
 Removable two - tiered shelf

▶ Built - in thermal printer

Print cycle reports and other information
 NO required ink ribbon

