Low Temperature Plasma hydrogen Peroxide Sterilizer

Production Introduces

The low-temperature plasma sterilizer generates plasma in the sterilization chamber under low temperature and vacuum through the action of high-frequency electric field to chemically react with proteins and nucleic acid sin microorganisms, and then usesH2O2 as the medium to destroy microorganisms and disturb the survival function of microorganisms, so as to finally achieve the sterilization effect.





Applicable Articles

Rigid endoscope; soft endoscope; probe; ophthalmic lens; fiber optic cable; intracranial sensor; cold therapy probe; surgical excision device; electrocautery equipment; defibrillation motor; metal; glass; silicone; rubber ETC.

Technical Parameters

Model	SQ-DS60	SQ-DZ100	SQ-DZ130	SQ-DZ220
Hydrogen Peroxide Concentration (H2O2)	58%-60%			
Working Temperature	40℃～60℃			
Sterilization Time	35-60min			
Heating Method	Electric heating			
Operation Height	≤140cm	≤160cm	≤160cm	≤160cm
Program System	3 programs:Fast sterilization ,Strengthen sterilization , Lumen sterilization			
Air Filter Accuracy	≤0.22μm			
Display	7-inch color touch screen			
Sterilization Chamber Material	5052 high-quality aluminum (thickness ≥8mm)			
Outer Box Material	ABS plastic			
Electrode Mesh Material	5052 Aluminum alloy (thickness ≥ 2mm)			
Cavity temperature Heating Power	Preheating time ≤30min			
Printer	Yes			
Storage Function	≥500 cycles			
Power Rate	2.6kVA	3.5kVA	4.2kVA	4.8kVA
Voltage	AC220V, 50Hz			
Plasma Power Supply	≤ 900W			
Exterior Size(L×W×H)(mm)	780×635×1510	1120×790×177	1120×790×1770	1120×790×1770
Inner Tank Size(L×W×H)(mm)	610×350×320	700×420×360	750×440×400	820×510×460
Total Volume	68L	108L	135L	192L
Weight	185kg	265kg	272kg	305kg