

# Low Temperature Plasma Sterilizer

# EXPlasma™

EXPlasma is a specialist infection management brand that supports effective infection control of medical institutions



# EXPlasma

It can be sterilized quickly at temperatures below 60°C, so it can be used immediately after sterilization. As the turnover rate of medical devices increases, it is possible to respond to sterilization by patient. Low temperature plasma sterilizers are sensitive to moisture and temperature differences. If there is moisture or a temperature difference, the hydrogen peroxide used as a sterilant maybe on the medical device. Preheating and moisture removal are very important. EXPlasma is a sterilization solution that can minimize these problems.

## Pouch Artificial Respiration technology

P-ART technology is a unique technology of CUBE Instrument. This can cause the sterilant to penetrate repeatedly into the medical device, such as artificial respiration, and shorten the sterilization time. And it is very effective for temperature transfer and moisture removal.

## Auto Moisture Removal

EXPlasma has automatic moisture removal function. So it can be used conveniently and safely even if it has a little moisture or slight temperature difference.

## Fast Sterilization

The entire sterilization process can be completed in minimum 10 minutes. Fast turnover of medical devices reduces the number of medical devices that need to be retained, resulting in cost savings effect.

### Model Q02



Mode	FLASH	8 Minutes
	STANDARD	15 Minutes
Dimension	Width	25 cm
	Length	28.5 cm
	Height	18 cm
Chamber	Width	20 cm
	Length	15.2 cm
	Height	4.5 cm
Chamber volume	1.5 liter	
Sterilant	H <sub>2</sub> O <sub>2</sub> 50 wt%	
Operating noise	Below 40 dB	
Electrical Requirement	Below 170 W / DC	
Temperature	Below 60 °C	
Operating temperature	18 °C - 35 °C	
Operating humidity	10 % - 80 %	
Total weight	7 kg	

## Model Z07



Mode	FLASH	10 Minutes
	STANDARD	20 Minutes
Dimension	Width	39 cm
	Length	44 cm
	Height	30 cm
Chamber	Width	33 cm
	Length	22 cm
	Height	9 cm
Chamber volume	7 liter	
Sterilant	H <sub>2</sub> O <sub>2</sub> 50 wt%	
Operating noise	Below 60 dB	
Electrical Requirement	Below 1200 W / AC	
Temperature	Below 60 °C	
Operating temperature	18 °C - 35 °C	
Operating humidity	10 % - 80 %	
Total weight	29 kg	

## Model Z25



Mode	Standard	15 Minutes
	Advanced	25 Minutes
Utility module	Width	58 cm
	Height	90 cm
	Length	65 cm
Sterilizer	Weight	35 Kg
	Width	58 cm
	Height	20 cm
Chamber	Length	65 cm
	Weight	25 Kg
	Width	33 cm
Chamber	Height	12.5 cm
	Length	50 cm
Chamber Volume	20 liter	
Sterilant	H <sub>2</sub> O <sub>2</sub> 50 wt%	
Operating noise	Below 60 dB	
Electrical Requirement	Below 1200 W / AC	
Temperature	Below 60 °C	
Operating temperature	18 °C - 35 °C	
Operating humidity	10 % - 80 %	

# Classification of medical devices for EXPlasma™

Devices	EXPlasma™
- Surgical Metallic instruments, smooth surface	○
- Instrument with electric connections	○
- Implantable devices	○
- Catheters, rubber tubing	×
- Catheters, polyethylene tubing	△
- Needle, IV (intravenous) lines	×
- Dental instruments	○
- Dental handpieces	○
- Urethral catheter	×
- Internal Scopes : Lensed instrument	△
- Arthroscope / Culoscope	○
- Cystoscope / Peritoneoscope	○
- Ureteroscope	○
- All GI / UR rigid end endoscopes	○
- Endoscopic biopsy forceps	○
- Cannulas, guidewires	○
- Vaginal speculum ( after rupture of membranes )	○
- Gauze, swabs, linen	×

○ : recommended, × : Not recommended, △ : Depending on type

## Accessory



H<sub>2</sub>O<sub>2</sub> / 50%  
( Z7 only )



H<sub>2</sub>O<sub>2</sub> / 50%  
( Q2 only )



Chemical Indicator  
( 1,000 piece / roll )



Tyvek Pouch  
( 100 m )



Biological Indicator



Cart

### CUBE Instrument Inc.

Phone : 82.42.933.0109

Operating Hours : Monday-Friday (Korean time - 10:00~19:00)

www.explasma.com

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