

# PROTOSS-E

## Compact Model PVHP Generator



### SPECIFICATION

Model Name	PROTOSS-E
External Material	SUS304, Al
Recommended Temperature Condition	Operating: 15~30°C / Suspended: 15~50°C
Recommended Relative Humidity Condition	Operating: 20~85% / Suspended: ~85%
Required/Consumed Power	AC 220 Volts 50/60Hz, 5 Amps
Operational application method	Mobile, Semi Mobile, Fixed Pipe
External Size	260 X 260 X 260
Weight	8.5kg
Hydrogen Peroxide Capacity	500ml
Hydrogen Peroxide Solution Concentration	30~35% w/w
Operation System	AT MEGA 2560
Data Transmission	Ethernet
Supply Gas Discharge Temperature	40°C~70°C
Hydrogen Peroxide Injection	4g/min
Size of sterilizable object	50m <sup>3</sup>
Data Storing	USB Storing
Monitor	Touch Screen Monitor





# Pico-Sized Vaporized Hydrogen Peroxide Generator

## PROTOSS-E

### FEATURE

- Compact and Portable sterilization equipment**  
 A case equipped with a compact design and convenient portability
- Equipped with pico particle size of vaporization generator system technology**  
 1 in million smaller particle size compared to mist type sterilizing equipment
- Sterilization process data file can be saved**  
 Sterilization process results can be saved as PDF files to USB
- External HMI (Touch Screen)**
- Intuitive notification system (by eyes and ears)**  
 Operation of green, red, and blue LED indicators and buzzers according to the operation of the equipment
- Economical cost for consumables**  
 All hydrogen peroxide solutions meeting ISO grades can be used

- Multi-purpose connection method for production equipment**  
 INCUBATOR, BSC, PASS BOX & THROUGH ISOLATOR, facility equipment, etc
- Sufficient amount of Hydrogen Peroxide Solution**  
 Bottle 500ml
- Designed for Easy Cleaning**  
 Smooth curved CUBE shape
- Calibration Date Notification System**  
 A function that notifies the calibration date
- External Aeration Unit**  
 $H_2O_2 \Rightarrow O_2 + 2H_2O$