

# COMMODITY DESCRIPTION

관세분류번호 H.S. NO.	등록번호 ITEM NO.	품명 DESCRIPTION	UNIT	Q'TY
		Low Temperature Sterilizer System	Sys	1

## A. FEATURE

1. Low pressure and low temperature Sterilization Cycles are suitable for sterilizing medical devices sensitive to heat and moisture.
2. Low Temperature Sterilization System is specifically designed to only process goods using vaporized hydrogen peroxide under vacuum conditions.
3. Single door cabinet type.

## B. Specifications.

### 1. Size :

- 1) Overall Dimensions : 838(W) x 1908(H) x 973(D) mm
- 2) Chamber size : 432(W) x 381(H) x 826(D) mm
- 3) Chamber volume : 136-liters or more

### 2. Operating temperature: 50°C (122°F)

### 3. Sterilant : Hydrogen peroxide(H<sub>2</sub>O<sub>2</sub>) vapor.

### 4. Three pre-programmed Sterilization Cycles: [or one Cycle](#)

the Lumen Cycle (approximately 55 minutes to complete),  
the Non Lumen Cycle (approximately 28 minutes to complete) and the Flexible Cycle (approximately 35 minutes to complete)

### 5. The chamber and door: aluminum equipped with a silicone rubber gasket

### 6. Automatic door locking mechanism keeps the sterilization system door locked during the entire Sterilization Cycle.

### 7. Vacuum pump :

- 1) High Power Vacuum Pump is supplied to produce cycle vacuum pulses that remove air and moisture from the chamber.
- 2) The direct drive rotary vane pump is quiet (<60 dB) with low vibration.
- 3) A powerful 2.2 kW (3 HP) motor produces a displacement of 90 m<sup>3</sup>/hr (53 CFM) and helps alleviate moisture sensitivity in the sterilization unit. [or 1.5HP](#)
- 4) The Sterilizer operating pressure is from atmospheric pressure down to less than 1 Torr

### 8. Sterilant cartridge interface only accepts VAPROX HC Sterilant Cartridges (Cups)

### 9. Catalytic converter receives outflow from chamber during all cycle phases. Catalytic converter converts hydrogen peroxide into water vapor and oxygen.

### 10. Control Display Panel :

located on the front of the sterilization unit in the center while facing the unit.

## 11. Printer :

located on the front of the sterilization unit on the right side while facing the unit.

This alphanumeric impact printer provides an easy to read permanent record of the Sterilization Cycle

## 12. Cycle Description:

### 1) Condition –Three Cycles or one Cycle

Lumen Cycle: This cycle phase is a set time vacuum pulse to remove air and moisture from the chamber. When set point is reached, load is tested for acceptable moisture content. If content is acceptable, cycle proceeds. If not, Condition pulse repeats.

Non Lumen Cycle: This cycle phase is a vacuum pulse to remove air and moisture from the chamber. When set point is reached, load is tested for acceptable moisture content. If content is acceptable, cycle proceeds. If not, Condition pulse as identified for Lumen Cycle is initiated.

Flexible Cycle: This cycle phase is a vacuum pulse to remove air and moisture from the chamber. When set point is reached, load is tested for acceptable moisture content. If content is acceptable, cycle proceeds. If not, Condition pulse as identified for Lumen Cycle is initiated

2) Sterilize – This cycle phase is a series of four pulses. Each pulse consists of: vacuum pulled to setpoint; VAPROX HC Sterilant vapor drawn into chamber; hold for programmed time; filtered air is introduced to setpoint; hold for programmed time; deep vacuum pulled to setpoint.

3) Aeration – This cycle phase pulls a vacuum to set point and continues to evacuate for programmed time to reduce chamber vapor concentration. Once Aeration phase is complete, chamber pressure returns to atmospheric and chamber door is unlocked.

## 13. Electric: 380V, 3Ph, 60Hz or 208VAC/60Hz 20A/5-wire

### C. Consist Of :

#### A Type

1. Main Unit	1 set
2. Vaprox Sterilant (15Cycle X 3)	1 bx
3. Chemical Indicator (200strips/bx)	1 bx
4. Biological Indicator (50ea/bx)	1 bx
5. Printer Paper (3roll/bx)	1 bx
6. Ribbon Cartridge (2ea/bx)	1 bx
7. Biological Incubator	1 ea
8. Sterilization Tray,10"x10"(2ea/pack)	1 pk
9. Sterilization Tray,10"x14"(2ea/pack)	1 pk
10. Sterilization Mat,10"x10"(2ea/pack)	1 pk
11. Sterilization Mat,10"x14"(2ea/pack)	1 pk

12. Operation & Service Manual 1 ea

**B Type**

1. STERRAD 100S Sterilization System	1SET
2. Sterilant - Cassette (2EA/CASE & 5cycle /EA)	1CASE(5ea)
3. Instrument Tray System 450x100x50 mm(13827)	1CASE(2ea)
4. Instrument Tray System 300x200x50 mm(13829)	1CASE(2ea)
5. STERRAD Indicator Strip	1CASE(1000ea)
6. STERRAD Indicator Tape	1CASE(6ea)
7. STERRAD Cyclesure	1CASE(60ea)
8. STERRAD Incubator	1SET
9. STERRAD Roll 150mmx200m	1CASE(4Roll)
10. STERRAD Roll 300mmx200m	1CASE(2Roll)
11. User manual	1EA
12. Service manual	1EA

**D. Remark :**

1. The equipment should be installed by supplier.
2. Three years warranty after the performance test.

위와 같이 일반 경쟁 입찰을 의뢰합니다.

PS : 입찰 후 최저가 응찰 업체를 낙찰자로 결정함.

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사용부서명 : 비뇨기과

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