

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. Double door type.

B. Specifications.

1. Size :
 - 1) Overall Dimensions : 838(W) x 1908(H) x 973(D) mm or 775(W) x 1791(H) x 1020(D)
 - 2) Chamber size : 432(W) x 381(H) x 826(D) mm or 838(W) x 1908(H) x 973(D)
 - 3) Chamber volume : 136-liters or more
 - 4) Usable volume : 94 liter or more
2. Operating temperature: 50°C (122°F)
3. Sterilant : Hydrogen peroxide(H₂O₂) vapor.
4. Three pre-programmed Sterilization Cycles:
 - the Lumen Cycle (approximately 55 minutes to complete),
or DUO 60 minutes/standard 47 minutes
 - the Non Lumen Cycle (approximately 28 minutes to complete) or Express 24 minutes
 - the Flexible Cycle (approximately 35 minutes to complete) or Flex 42 minutes
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 or 1.5HP) motor produces a displacement of 90 m3/hr (53 CFM) and helps alleviate moisture sensitivity in the sterilization unit.
 - 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)
15 cycle/Cartridge or 5cycle/Cartridge
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: Condition – Sterilize – Aeration
or Vacuum – Injection – Delivery – Plasm – Vent

1) Condition –

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 380VAC/60Hz 30A/5-wire

C. Consist Of :

A Type

- | | |
|-----------------------------------|-------|
| 1. Main Unit | 1 set |
| – Chamber Volume : 136L | |
| – Double Door | |
| – Touch Screen Control | |
| – Built-in Printer | |
| – Electric : 380V, 3Ph, 60Hz | |
| 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 100NX Sterilization System - Double door	1set
2. STERRAD 100NX Cassette (5cycle /EA)	1 case(2ea)
3. STERRAD Incubator	1 Unit
4. STERRAD Indicator	1 case(60ea)
5. Atimax Tray System 576x270x100 mm(13837)	1 case(2ea)
6. STERRAD 100NX Express Cycle	1 ea
7. STERRAD 100NX Thermal printer paper	1 case
8. STERRAD Cassette Disposal Box	1 case
9. User manual	1 ea
10. Service manual	1 ea

D. Remark :

1. The equipment should be installed by supplier.
2. Five years warranty after the performance test.
3. 설치 및 마감 인테리어 포함.

위와 같이 일반 경쟁 입찰을 의뢰합니다.

PS : 입찰 후 최저가 응찰 업체를 낙찰자로 결정함.

2018. 5. 10

사용부서명 : 간호부

신청인 성명 : 인

부서장(확인자) 성명 : 인

기술부서명 : 관리부 의용공학과

담당자 : 서 보 경

