

購買規格書(Commodity Description)

關稅分類番號 H.S.K NO	品目番號 ITEM NO	品名 DESCRIPTION	單位 UNIT	數量 Q'TY
9019.19.4000		Nitric Oxide Delivery System	SET	1

A. Feature

1. Modes for adult and neonatal/paediatric application
2. Set the target NO concentration by ppm and minute volume
3. Operation with one or two cylinders with automatic flush and switching between the cylinders
4. Emergency dosage in case of failures
5. NO/NO₂ concentration of the ambient air every hour
- 6 Trend for NO dosing(1h and 24h)
- 7 Optional external flow meter for using with external ventilators of different brand
8. External 12V power supply for mobile applications

B. Specification

1. Dosing
 - 1) Parameter
 - Target concentration : 0.1 ~ 99.9ppm
 - Minute volume : 0.1~40 l/min
 - Dosage Modes : normal, emergency
 - 2) Dosing accuracy : $\pm 20\%$ or 0.2 ppm
 - 3) Gas
 - Type: NO/NO₂
 - Pressure : 3~7 bar
 - Flow : Max 17 l/min
 - Concentration : 50~1000 ppm
2. NO/NO₂ monitoring
 - 1) Procedure : bypass flow, electro-chemical
 - 2) Suction rate : 180 ml/min(Pediatric mode : 120 ml/min)
 - 3) NO Measuring ranges : 0~100 ppm
 - Accuracy : $\pm 10\%$ or ± 0.2 ppm
 - Resolution : 0.1 ppm
 - 4) NO₂ Measuring range : 0~50 ppm
 - Accuracy : $\pm 10\%$ or ± 0.2 ppm
 - Resolution : 0.1 ppm
3. Alarm
 - 1) NO upper/lower alarm : 0~99.9 ppm

- 2) NO₂ upper/lower alarm : 0~5 ppm
- 3) Power failure alarm
4. Safety functions
 - 1) Self-test with start-up
 - 2) Automatic bottle switching when be connected two gas cylinders
5. External flow meter(optional)
 - 1) Procedure : hot wire anemometry
 - 2) High flow measuring range : 1~180 l/min
 - 3) Low flow measuring range : 0.1~50 l/min
 - 4) Accuracy : $\pm 10\%$
6. Power supply
 - 1) Voltage : 100~240V, 50/60 Hz
 - 2) Power consumption : Max 40 W
 - 3) Internal rechargeable battery : 12V, 3Ah, 2hours of battery operation
7. communication interface
 - 1) COM1 Interface
 - Type : RS232, 9-pin-Sub D female
 - Function : PDS, Service, Update
 - Protocol : ECU-PDS
 - 2) COM2 Interface
 - Type : RS232, 9-pin-Sub D female
 - Function : communication with ventilator
 - Protocol : Mediums, Servo-i/s
8. Operating Conditions
 - 1) Temperature : 15~35 °C
 - 2) Humidity : 10~95%(non condensing)
 - 3) Atmospheric pressure : 700~1060 mbar
9. Transport and Storage condition
 - 1) Temperature : -20~50°C
 - 2) Humidity : 10~90%(non condensing)
 - 3) Atmospheric pressure : 400~1100 mbar
10. Dimensions : 137(W)×297(H)×257(H) mm
11. Weight : approx. 8kg

C. Consist Of :

- | | |
|---------------------------------------|---|
| 1. NO-A Therapy Unit | 1 |
| 2. Gas Supply tube NO stainless steel | 1 |
| 3. NO pressure reducer | 1 |
| 4. NO accessory set for infant use | 3 |

- Dosing tube/infant	
- Measuring tube/infant	
- Water trap/infant	
- T-piece	
5. Trolley NO therapy unit	1
6. Flow measuring/dosing module	1
7. NO-A user's manual	1
8. NO-A service Manual	1

D. Remark

1. The equipment should be installed by Contractor.
2. Three years warranty after the installation and correct operation.