

# 의료장비 일반 사양서

문서번호: 영의26-0527호

신청부서	마취통증의학과	신청수량	2 set	
장비명	국문	환자감시장치	분류	A26090.02[2]
	영문	Patient Monitor	사유	노후교체

**I. General Specification**

아래 사양은 기본적인 것으로 유사한 기능이나 상회하는 사양이라도 무방합니다.

**A. Features**

1. Multi-lead arrhythmia, and ST segment analysis at the bedside on all available leads.
2. ECG monitoring using any combination of 3 to 5 electrodes.
3. Compact, rugged, lightweight monitor with a comprehensive set of built-in clinical measurements.
4. Capacitive multi-touch screen as input device.
5. Anaesthesia Care software.
6. 12 real time ECG wave forms can be displayed.

**B. Specification**

**1. Patient Monitor :**

- 1) Matrix Color TFT LCD
- 2) Touch Screen Operation
- 3) 12 realtime ECG waveform can be displayed
- 4) Auto View on Alarm (AVOA) automatically shares
- 5) Nellcor compatible SpO2 parameter

**2. Parameter :**

- 1) Display
  - (1) Display size: 19" diagonal or 17"
  - (2) Display type: Active matrix color TFT touch screen LCD display

**2) ECG**

- (1) Heart rate range: 30~300 bpm or 15~300 bpm
- (2) Acquires up to 12 leads
- (3) Heart rate resolution: 1 bpm

**3) Respiration Measurement**

- (1) Measuring range: 1~200 resp/min or 0~155 rpm
- (2) Measuring method: Impedance pneumography

**4) SpO2**

- (1) Measurement range: 1~100%
- (2) Pulse rate: 0~350 bpm or 26~239 bpm

**5) Invasive Blood Pressure (2 or 4 Channel)**

- (1) Measurement range: -25~349mmHg or -50~400mmHg
- (2) Measurement accuracy: ±2% or ±1 mmHg

**6) NIBP (Non-invasive Blood Pressure)**

- (1) Measurement principle: Oscillometric with linear deflation
- (2) Measurement range: 15~250 mmHg or 10~250 mmHg

**7) NMT Module**

- (1) Stimulation modes: Train of four, TOF Double burst, DBS Single twitch, ST Includes  
: 50 Hz tetanic & post tetanic count (PTC)
- (2) Pulse width: 100, 200 or 300 µs

**8) Airway Gas (CO<sub>2</sub>, N<sub>2</sub>O, O<sub>2</sub>, 5 Agent ID)**

- (1) Sampling rate: 120 ml/min ±20 ml

(2) CO<sub>2</sub> waveform measurement range: 0~113 mmHg or 0~76 mmHg

(3) Agent monitoring accuracy: ±0.2 vol%

**II. Consist of : 제조회사별 품목 및 구성이 상이한 경우 다르게 구성할 수 있음. (A or B model)**

**A - Model :**

1. Carescape Canvas 1000 with 5Module Frame	2set
2. Carescape One Monitor	2ea
3. ECG Mini Module	2ea
4. SpO <sub>2</sub> Mini Module	2ea
5. 2IBP Mini Module	2ea
6. 2Temp Mini Module	2ea
7. Accessory	2ea
- 3 leadwire	2ea
- SpO <sub>2</sub> Reusable sensor	2ea
- NIBP Hose & cuff	2ea
- Temp skin probe	2ea
8. NMT Module	2ea
9. NMT cable & sensor	2ea
10. Service & Operation Manual	each 2ea

**B-Model :**

1. IACS Monitoring with C500 (17" TFT wide touch screen)	2set
2. INFINITY M540 Monitor	2set
3. ECG 3-Lead single-pin Euro/AHA 1m	2ea
4. ECG Extension single-pin, 2m	2ea
5. INFINITY Mcable-Nellcor Oximax	2ea
6. SpO <sub>2</sub> Nellcor Cable 1.2m	2ea
7. SpO <sub>2</sub> Sensor	2ea
8. NBP Cuff M, 23-33cm	2ea
9. NBP Cuff S, 17-25/29cm	2ea
10. NBP Cuff XS12-19cm	2ea
11. NBP Cuff XXS, 8-13cm	2ea
12. NBP L, 31-40cm	2ea
13. NBP Extension hose, adult, 3.7m	2ea
14. INFINITY Mcable-Dual HEMO	2ea
15. Mpod quadHoemo	2ea
16. NMT	2ea
17. Operating manual	2ea



**III. 특기사항**

1. 무상하자 보증기간 : 3년 이상
2. 한국식약처 의료기기 수입품목허가증 사본 제출