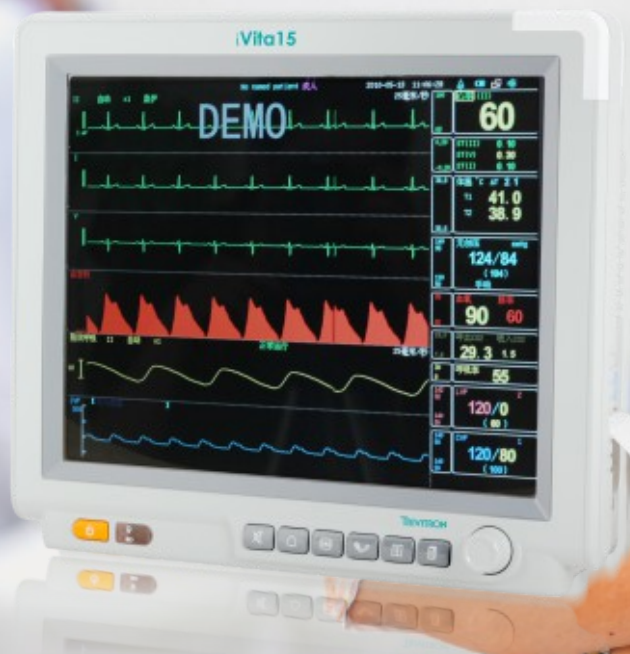


iVita15



Patient Monitor

- Wireless networking function to patient monitor
- Inside placed thermal-sensitive built-in printer (optional)
- IBP function (optional)
- ETCO2 function module (optional) (Respironics-main stream/side stream)
- Multigas modules (optional)
- Cardiac Output (optional)
- Wall Mount/Trolley for patient monitor
- 12 volts Power supply for ambulance
- Having motion artifact algorithm and ability to work in low perfusion

SPECIFICATIONS*

ECG

Input: 5 wires ECG cable
Lead section: I, II, III, aVR, aVL, aVF, V
Gain (mm/mV) : 1/4, 1/2, 1, 2, 4
Filter: Diagnosis, Monitor, Surgery
Sweep speed(mm/sec): 12.5, 25, 50
Heart rate range: 30-254 BPM
Heart rate accuracy: ± 1 %
ST segment deviation analysis: -0.8-+0.8mV
ST accuracy: ± 0.02m

NIBP (Non-invasive blood pressure)

Measurement type : adult, pediatric, neonatal
Measurement range: Systolic 4.0 - 37.0 kPa
Diastolic 1.3 - 33.0 kPa
Mean 2.6 - 35.0 kPa
Accuracy : ± 0.4 kPa or 5 %
Resolution: 0.1 kPa
Protection: over pressure

Temperature (surface and rectal)

Measurement range: 25.0 – 45.0 °C
Accuracy: ± 0.1 °C
Resolution: 0.1 °C
response time: ≤ 3 min

Pulse Rate

SPO2 measurement range: 0 - 100 %
Resolution: 1 %
Pulse measurement range: 30- 254BPM
Accuracy: ± 2 %
Resolution: 1 BPM

IBP(Invasive blood pressure) (with venous punch)(Option)

Measurement range: -1.3~40kPa (-10~300mmHg)
Channel: 2 channel
Transducer sensitivity: 5MV/V/mmHg
Unit display: KPa or mmHg selectable

ETCO2 (main/side stream type) (Option) – Plug&Play

Measurement range: 0 – 150 mmHg 0 – 19.7% 0 – 20kpa
(Barometric pressure supplied by Host)
Accuracy: 0- 40 mmHg ±2mmHg
41-70 mmHg ±5% of reading
71-100mmHg ±8% of reading
101-150mmHg ±10% of reading
Above 80 breath per minute ±12% of reading

***NOTE:** Gas temperature at 25 °C

Response time: < 3 seconds – includes transport time and rise time
Gas monitoring (optional)

Cardiac Output (optional)

Measuring Meathod: thermodilution
Blood heat measurement & alarm range: 23 °C ~ 43°C
Accuracy: ±0.2 °C
Injection temperature measurement range: 0 °C- 27 °C
Accuracy: ±0.2 °C
Resolution: 0.1°C
CO measurement range: 0.1L/min ~ 20.0 L/min
Accuracy: ±0.2 L/min or ±5%

Power requirements

Input: 98~260 V AC, 50/60Hz

Standard configuration: ECG, HR, PR, SpO2, OxyCRG diagram, ST analysis, Arrhythmic analysis, RESP*2 (RA-LL impedance and nasal cavity), NIBP (with venous punch), TEMP*2(surface and rectal type), Drug dose calculation and remote control.



Physical Character

- Display : 15" color TFT LCD screen with maximum 8-waveform display.
- Battery: Rechargeable high-energy built-in battery
- Advanced streamline outline design, portable, compact, lightweight
- Operating menu with multi-language interface selection: English, Spanish, Portuguese, Chinese, Arabic, Russian, Italian, etc.
- Easy operation with user friendly menu structure design and rotary dial
- Against & eliminate ESU interference & defibrillation, no need to disconnect the monitor from the patient in process of defibrillating.
- Three-application mode: monitoring, diagnosis, operating.
- WAN communication function to network with central monitoring system and make long-distance monitoring, diagnosis, maintenance and software upgrade possible Optional built-in wireless networking function
- 72 hours data storage.
- Intelligent audio and visual comprehensive alarm
- In-hospital applications include emergency room's pre and post operative care, ICU, Operation
- room/theater, ambulatory surgery, intermediate care/step down units, labor and delivery, and hospital-based special procedure areas.
- Suitable for use in physicians' offices, clinics, outpatient surgical centers, extended care facilities and other patient care areas, which of require affordable monitoring
- Suitable for adult, pediatrics, neonates

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*Please note: Product specifications are subject to change without prior notice owing to product modifications, improvements / up-gradation.