



12.1" Modular Patient Monitor

15.6" Modular Patient Monitor



ABM Patient Monitor X5, have been designed to meet various clinical environment including ICU,OT, ER, PICU, NICU and patient ward, etc. Its light weight design made it ideal for patient transportation monitoring as well. Based on its hot-swap modular design Patient Monitor X5 can be easily and quickly expanded to meet the different clinical requirements. The adoption of the world class monitoring technologies ensures the measurement results accurate and reliable.

Features

- A large number of expandable parameters
- Optional: Suntech NIBP / Nellcor SpO2 / Masimo SpO2
- High capacity lithium rechargeable batteries, operation time up to 4 hours.
- Central monitoring station supports the connection with up to 64 bedside.
- High capacity internal storage for 1500 hours trends or 4000 groups of data.
- Ethernet, Wifi and 3G connection for transfer data from anywhere and anytime.
- Plug & Play type thermal printer

ACER BIOMEDICALS LLP

Office: Industrial Unit-80, Block-G, Sector-63, Noida, UP - 201301 (India)
Ph.: +91-120-4166921, E-mail: info@acerbiomed.com
Web.: www.acerbiomedicals.com, www.acerbiomed.com

ServiceHelpline
18008894232



Dimensions:

X-5 12.1" Modular Patient Monitor
335 (W)x 270 (H)x 200 (D) mm
X-5 15.6" Modular Patient Monitor
378 (W)x 332 (H)x 243 (D) mm

Net weight:

X-5 12.1"modular 3.5 KG
X-5 15.6"modular 5 KG
(without battery and accessories)

Display:

PM X-5 12.1 (M) inch LCD
PM X-5 15.6 (M) inch TFT
(Touch screen optional)

Power Supply:

Internal battery: Rechargeable Li-ion
2200mAh 11.1V DC
Battery working period:
>2hours(2200mAh)

Recorder*

Print out parameters and 3
selectable waveforms
Paper width: ~ 50mm
Print Mode:
Real-time, alarm, scheduled,
freeze, review
Print Speed:12.5mm/s, 25mm/s,
50mm/s

Data Storage

Graphic and Tabular Storage and
Review: 168hours
NIBP Record Storage and Review:
4000sets

NIBP

Method: Oscillometric
Mode: Manual, Auto
Pulse Rate Range:30-240bpm
Measuring range:Adult Mode
SYS 40-255mmHg
DIA 10-195mmHg
MEAN 20-215mmHg
Pediatric Mode
SYS ~ 40-200mmHg
DIA 10-150mmHg
MEAN 20-165mmHg
Neonatal Mode
SYS 40-135mmHg
DIA 10-110mmHg
MEAN 20-125mmHg
Resolution: 1mmHg

ECG

Leads: 3/5/12* leads, AHA/IEC
Channels: 7 synchronization
channels (LI rAvR,avL,avrV)
Plus: Smm/mV+5%,
10mm/mV+5%
Sweep rate: 12.5mm/s, 25mm/s ,
50mm/s
Range of heart rate monitoring:
Adult: 20-300bpm
Neonate/Pediatric: 20-350bpm

SPO2

Measuring range: 0-100%
Resolution: 1%
Precision:
Adult/Pediatric: 70%-100% +2%
Neonatal: 70%-100% +3%
Pulse Rate:
Measuring Range: 30-240bpm
Resolution: 1bpm
Accuracy: the bigger one between
+3% or +3bpm

SPO2(Masimo)* (Optional)

RESP

Method:
The thorax
impedance method(used with
ECG leads)
PR Measurement Range: 15-120rpm
Resolution: Trpm
Precision: The bigger one between
+2rpm or +2%
Alarm:Audio and visual
Alarm event re-callable

Temperature:

Channel 2
Method: Thermal
Measuring and Alarm Range:
0-50 °C
Resolution: 0.1°C
Accuracy: +0.2°C(25-45°C)
+0.3°C(0~25°C 45~50°C)
Average Time Constant: < 10second

Optional Parameters

ETCO2 (Masimo)
Aspect BIS Module
NMT Module
Multi Gas Module
Suntech NIBP
12 Lead ECG
Barcode Scanner
Wired/Wireless CMS
Cardiac Output

IBP*

Channel: 2 or 4 Channels
Measuring range:
ART ~ 0~300mmHg
PA -6~120 mmHg
CVP -10~40 mmHg
RAP -10~40 mmHg
LAP -10~40 mmHg
ICP -10~40 mmHg
Pressure resolution: 1 mmHg
Pressure precision: +2% or
+2mmHg
Technology:
Infra-red absorption characteristic
Paramagnetic Oxygen: Optional
Gas: CO, O2, NO, Des,Iso, Enf,
Hal, Sev
Warm-up time accuracy mode: 45s
Full accuracy mode: 60s
Sample flow rate: 50+10ml/min
Measuring range:
CO2: 0~15%
N2O: 1~100%
Hal/Iso/Enf:0~8%
Sev: 0~10%
Des:0~22%
O2:0~100%
Respiratory Rate: 0~150 bmp
1bpm
MAC Value displayed

ETCO2*

(Mainstream or Sidestream)
Sample Rate:
50+10ml/min (Sidestream)
Measuring Range:
CO2: 0-99 mmHg
AWRR: 0-150brpm
Resolution:
CO2: TmmHg
AWRR: 1brpm
Accuracy
CO2: +(2mmHg +2% of
readings)
AWRR:
+1brpm(0-70brpm)
+2brpm(71-120brpm)
+3brpm(121-150brpm)

Product	Model	Configuration
X-5 Modular Patient Monitor	X-5 12" Modular Patient Monitor	12 Inch
X-5 Modular Patient Monitor	X-5 15" Modular Patient Monitor	15 Inch

The items Marked By "*" are Optional

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