VITAVUE 10 & 12

Hassle Free Touch Screen
Seamless all-screen design
Easy to clean, water and dust proof
Access all functions intuitively in just one touch

Touch screen
Operation

360 Degrees Alarm Light
Full brightness display from all angles

Compact Design
With an integral carry-handle
Modern, thin, light weight and portable
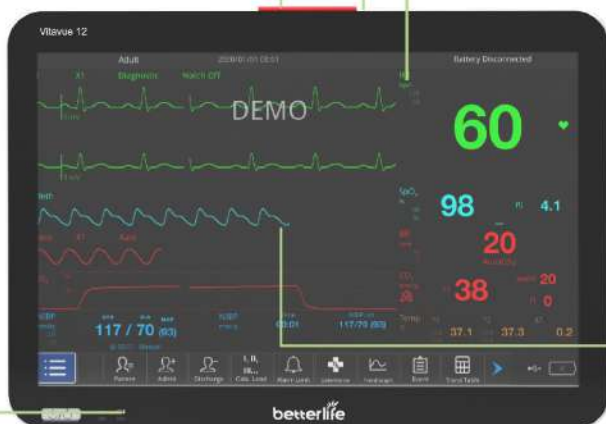
HD Display
1280X800mm high resolution
170 degrees wide angle view
Anti-glare and flicker free technology with 10 levels of night modes
Deliver the best visual experience

Vitavue 12

Powerful Data Storage
480 hours full-disclosure review
168 hours of tabular and graphic trends
4000 sets of data
100+ alarm events
Code marker function to locate specific clinical data for enhanced decision making

Rechargeable Lithium Battery
Support continuous working of 2 hours
(2600mAh), 4 hours(5200mAh)*

Instant Upgrades and Maintenance
Optimized structural design for USB/HDMI ports
For quick and easy data transfer, software upgrade, screen sharing, and nurse call station connections

Wide range of mounting solutions
Wall mount/bedside/rolling stand for any type of transportation
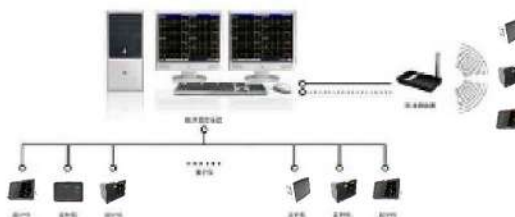
WIFI with smart IT solutions
Wireless integration with Central Monitoring Station
Dynamic trends provide up to 240 hours of useful information for review
8 traces per monitor and 16 monitors on one screen
View up to 32 maximum bed on one platform in real-time
Review and manage patient data anytime and anywhere in and pre-hospital

Specifications

Physical Specifications
Vitavue 10 Dimensions:
278(W)X190(H)X120(D)mm
Net weight: 2.5KG
Vitavue 12 Dimensions:
295(W)X210(H)X126(D)mm
Net weight: 3.5KG

Power Supply
External power: 100-240VAC,
1.4A 50-60Hz

Internal Battery:
Rechargeable Li-ion Battery
2600mAh, 2 hours working
5200mAh*, 4 hours working

Recorder *
print out parameters and 3
selectable waveforms
paper width: 48mm
print Speed:Real-time, alarm,
freeze, review, calculation,
trend
print speed:12.5mm/s,
25mm/s, 50mm/s;

Data Storage
Graphic and Tabular Storage
and Review: 168hours
NIBP Record Storage and
Review: 4000sets
480 hours full-disclosure review

NIBP
Method:Oscillometric
Mode: Manual, Auto, STAT

Pulse Rate Range:
40-240bpm
Measuring range:
Adult Mode
SYS 40-290mmHg
DIA 10-215mmHg
MEAN 20-235mmHg

Pediatric Mode
SYS 40-200mmHg
DIA 10-150mmHg
MEAN 20-165mmHg

Neonatal Mode
SYS 40-135mmHg
DIA 10-100mmHg
MEAN 20-110mmHg
Resolution: 1mmHg
Precision:
Max average error: ±5mmHg
Max standard error: 8mmHg
Overpressure Protection:
Adult 300mmHg
Child 247mmHg
Newborn 145mmHg

NIBP(Suntech)*
Method:Oscillometric
Mode: Manual, Auto, STAT
Pulse Rate Range:
40-220bpm
Measuring range:
Adult Mode
SYS 40-260mmHg
DIA 20-200mmHg
MEAN 26-220mmHg
Pediatric Mode
SYS 40-160mmHg
DIA 20-120mmHg
MEAN 26-133mmHg
Neonatal Mode
SYS 40-130mmHg
DIA 16-110mmHg
MEAN 20-100mmHg
Resolution: 1mmHg
Precision:
Pulse Rate Accuracy:
±2% or ±3bpm, whichever
is greater
Transducer Accuraty:
±3mmHg over full range in
operating condition
Overpressure Protection: Yes

SpO2
Measuring range: 0-100%
Resolution: 1%
Precision:
Adult/Pediatric: 70%-100% ±2%
Neonatal: 70%-100% ±3%
Pulse Rate:
Measuring Range: 25-300bpm
Resolution: 1bpm
Accuracy:
the bigger one between ±2% or
±2bpm
Perfusion Index:
Measuring Range: 0.1–20%
Resolution:
0.1%-9.99%, 0.01%;
10.0%-20.0%, 0.1%。

SpO2(masimo)*
Measing range:0-100%
Resolution:1%
Precision:
Adult/Pediatric: 70%-100% ±2%
Neonatal: 70%-100% ±3%
Pulse Rate:
Measuring Range: 25-300bpm
Resolution: 1bpm
Accuracy:
the bigger one between ±2% or
±2bpm

ECG
Leads:3/5/12*, AHA/IEC
Plus: 1.25,2.5,5.10,20.40mm/mV
Accuracy: ±5%
Sweep rate: 6.25,12.5,25,50mm/s
Range of heart rate monitoring:
Adult: 15-300 bpm
Neonate/Pediatric: 15-350bpm

RESP
Method: The thorax impedance
method(used with ECG leads)
PR Measurement Range:
Adult: 0- 120rpm
Pediatric/Neonatal: 0- 150rpm
Resolution: 1rpm
Precision:
The bigger one between ±2rpm
or ±2%(6~150 rpm)

Temperature
Channel: 2
Method: Thermal
Measuring and Alarm Range:
15-50°C
Resolution: 0.1°C
Accuracy:
±0.1°C(not including sensor)
Refresh Time: 1-2s
Temperature Calibration:
interval of 5 to 10 minutes

EtCO2 (BLMED Mainstream or Sidestream)*
Sample Rate:
50±10ml/min (Sidestream)
Measuring Range:
CO2: 0-99 mmHg
AwRR: 0-150brpm
Resolution:
CO2: 1mmHg
AwRR: 1brpm
Accuracy
CO2: ±(2mmHg +2% of
readings)
AwRR:
±1brpm (0-70brpm)
±2brpm (71-120brpm)
±3brpm (121-150brpm)

EtCO2 (Masimo Mainstream or Sidestream)*
CO2 Range (IRMA): 0-99 mmHg
Accuracy:
±(0.2 vol% + 2% of reading)
Rise Time: RMA CO2 < 90ms
System Response Time:
IRMA CO2 < 1 sec
ISA CO2 < 3 sec
Breath Detect:
Adaptive threshold minimum
1 vol% CO2 change
Respiratory Rate:
0-150 bpm 1bpm

IBP*
Channel :2
Measuring range:
ART   0 ~ 300 mmHg
PA   -6 ~ 120 mmHg
CVP   -10 ~ 40 mmHg
RAP   -10 ~ 40 mmHg
LAP   -10 ~ 40 mmHg
ICP   -10 ~ 40 mmHg
P1~P2 -50 ~ 300 mmHg
Resolution: 1 mmHg

Precision:
The bigger one between
±2rpm or ±2%(6~150 rpm)
Pulse Rate:
Measuring Range: 25-250bpm
Resolution: 1bpm
Accuracy:the bigger one
between ±3% or ±3bpm

C.O.*
Tb:
Measuring Range 23.0~45.0°C
Resolution: 0.1°C
Accuracy: ±0.5°C
Ti:
Measuring Range: -1.0~27.0°C
Resolution: 0.1°C
Accuracy: ±0.5°C
CO:
Measuring Range:
0.20~20.00L/Min
Resolution: 0.01L/Min
Accuracy: ±5%

Anesthesia Gas/O2*(masimo)
Technology:Infra-red absorption
characteristic
Paramagnetic Oxygen:Optional
Gas: CO2, O2, N2O, DES,
ISO, ENF, HAL, SEV
Warm-up time accuracy mode:
20s
Full accuracy mode:60s
Sample flow rate: 50±10ml/min
Measuring range:
CO2: 0~15%
N2O: 0~100%
HAL/ISO/ENF: 0~8%
SEV: 0~10%
DES: 0~22%
O2: 0~100%
Respiratory Rate:
0~150 bpm 1bpm
MAC Value displayed

Network Connection
LAN Ethernet / WIFI*

I/O interface
Nurse call port
HDMI extended interface*
USB interfaces

Remark:The items marked by"*" are optional.

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VITAVUE
Multi Parameter Patient Monitor
Durable, reliable and affordable.

ISO 13485   CE 0123