



Accurate, Efficient and Durable Product features

- Classic display: 12.1 inch LCD display with multiple display format.
- HD display High definition display 1024 * 768.
- Simplified operation: Based on classic clinical design, UI operation is ultra simplified.
- Reliable quality: passed the rigorous multi application scenarios test, proved to be durable and helpful.
- Long operation hour: with inbuilt 8000mAh lithium battery, machine can be last for 4 hour after fully charged.
- Patented ECG specialized algorithm, passed AHA/MIT-BIH database verification.
- NIBP with anti-interference and anti-motion algorithm, generating accurate blood readings fastly.
- SpO2 with advanced anti-interference and lower perfusion detection technology.
- Based on black body light source technology, CO2 is with improved accuracy and reliability.
- Display 12.1 inch TFT screen, 1024*768, multiple displays including.





Technical Specifications

Physical specs

Display 12.1 inch TFT screen, 1024*768, multiple displays including big font display, Oxy CRG display, etc
Waveform: 7 lead wave form
Indicator alarm indicator, power indicator, battery indicator, pulse rate sound, alarm sound
Port specification port, AC port, LAN port, USB port

ECG

Lead- 3/5 lead
Waveform- 2 channel
Gain- X0.25, X0.5, X1, X2, X4 Speed, 12.5mm/s, 25mm/s, 20mm/s
HR range: 15~300BPM, (AUD); 15~350BPM (NEO)
Filter mode: DIA (0.05~100Hz); MON(0.5~40Hz); SUR(1~25Hz)
Protection: Anti-electric knife; Anti-defibrillation protection; 5000V isolation strength
ST diagnosis:- 2.5mV~2.5mV; Arrhythmia analysis; Pacing detection

NIBP

Principle: Oscillatio
Measurement mode: Manul/Auto/Continuous Pressure unit mmHg/Kpa
Measurement parameter: systolic, diastolic, mean
Systolic range: ADU 40~270mmHg, PED:40~200mmHg, NEO: 40~135mmHg
Diastolic range: ADU:10~210mmHg, PED:10~150mmHg, NEO:10~100mmHg
Mean range: ADU:20~230mmHg, PED:20~165mmHg, NEO: 20~110mmHg
Accuracy: ± 3 mmHg Double over voltage protection

Co2

CO2 range: 0~150mmHg, accuracy, ± 2 mmHg, 0~40mmHg, $\pm 5\%$ (41~100mmHg), $\pm 8\%$ 101~150mmHg
Respiratory rate range 0~150RPM Accuracy ± 2 RPM
Sampling flow 50ml/Min Applicable to ADU, PED, and NEO

IBP

IBP range: -50~400mmHg : accuracy : ± 3 mmHg: 0~40mmHg
Supports multiple measurement modes: ABP : CVP : ICP : LAP
Pulse rate range:20~254BPM: Accurate: ± 2 RPM
Support dual-channel IBP simultaneous measurement

RESP

Principle: Impedance Breathing
Range 0~120RPM
Choking alarm: 20s~60s optional, interval 5s

SpO2

SPO2:range(0~100) ,Resolution(1%)
Accuracy: $\pm 2\%$ (70~100%)
PR: range(20~254BPM), accurate (± 2 BPM)

AG Gas

Mode:Main stream/side stream
ISO: range:0-5% accuracy: 0.15Vol%+ reading 5%
SEV:range: 0-8% accuracy: 0.15xVol%+reading 5%
Co2: range :0-20% accuracy: 0.20Vol%+ reading 5%:
(0~5%) 0.20Vol%+ reading 8%: 5.1~20%
Resp: range: 0~120RPM, accuracy: ± 2 RPM
Anesthetic gas ID automatic identification
Automatic
recognition time is less than 20s
Sampling flow: 50ml/Min

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