



Experience the Precision



Happier Living Everyday

MULTI-PARA PATIENT MONITOR

BPL EliteView EV8



High Resolution Display

8 inch Color LCD Display with high pixel resolution



Standard Configuration

Increased clinical confidence in measuring the basic vital parameters - ECG, SpO₂, NiBP, RESP and TEMP



NiBP Assisted Vein Puncture

Added feature of NiBP assisted vein puncture function to aid the physician



Other Parameters

Supports data transfer through USB, FTP, wired and wireless connection to CNS



Operation Modes

Supports adult, pediatric and neonatal modes of operation



Intelligent alarms

Triple alarm protection to help physicians identify emergency conditions even when the caregiver is away from the patient



Waveform smoothing

Helps the caregiver to observe waveforms for better view from a distance



Comprehensive Data Storage

With 160 hours of Trend Data Storage, 2000 NiBP reviews and 48 hours wave review of single channel



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BPL Elite View EV8

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Product Specifications

General	
Dimension	249 (in length) × 220 (in width) × 133 mm (in height)
Weight	2.02kg without battery
Display	8 Inch colour LCD display
Resolution	800×600 pixels
Display Information	Maximum 6 waveforms display
Battery	
Battery	11.1V,2200mAh rechargeable lithium-ion battery
Charging Time	6 Hours
Battery Duration	2 hours in normal use once fully charged
ECG	
5-Lead Mode	5 Leads (R, L, F, N, C or RA, LA, LL, RL, V)
Lead Style	I, II, III, avR, avL, aVF, V
3-Lead Mode (Optional)	3 Lead (R, L, F or RA, LA, LL)
Lead Style	I, II, III
Range of heart rate	Range for Neonate: 15 ~ 350bpm
Measurement and error	Error: ±1% or ±1bpm (both maximum)
Gain Selection	1.25mm/mV, 2.5mm/mV, 5.0mm/mV, 10mm/mV, 20mm/mV, 40mm/mV, Auto.
Sweep Speed	6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s
Calibration Voltage's 1mV error	±5%
ST-segment detection	2.0mV~+2.0mV (-20.0 mm~+20.0 mm)
NIBP	
Method	Automatic oscillation
Systolic Range	40-270mmHg (Adult) 40-200mmHg (Child) 40-135mmHg (Neonate)
Diastolic Range	10-215mmHg (Adult) 10-150mmHg (Child) 10-100mmHg (Neonate)
Mean Pressure	20-235mmHg (Adult) 20-165mmHg (Child) 20-110mmHg (Neonate)
Accuracy	Maximum average deviation: ±5mmHg (±0.667kPa); maximum standard deviation: ±8mmHg (±1.067kPa).
Auto Measurement Interval	1/2/2.5/3/4/5/10/15/30/60/90/120/
Continuous Mode	5 min
SpO2	
Range of Display	1% - 100%
Resolution of Display	1%
Spo2 Accuracy measurement	Digital: Measurement range is 0% - 100%, Accuracy: ±2% (adult/infant, in non-motion state) ±3% (new-born, in non-motion state) within the measuring range of 70%~100%; Masimo: Measurement range is 1% - 100% Accuracy: ±2% (adult/infant, in non-motion state), ±3% (adult/infant, in motion state) or ±3% (newborn, in motion or non-motion state) within the measuring range of

	70%~100%. Nellcor: Measurement range is 0% - 100 Accuracy:±2% (adult/infant, in non-motion state) or ±3% (newborn, in non-motion state) within the measuring range of 70%~100%.
Perfusion Index	Masimo SpO2 and Digital SpO2: 0.02%-20%
Pulse Rate Range	Digital SpO2: 20bpm - 254bpm Masimo SpO2: 25bpm - 240bpm Nellcor SpO2: 20bpm - 300bpm
Pulse Rate Accuracy	Digital SpO2: ±2bpm. Masimo SpO2:±3bpm (in non-motion state) or ±5bpm (in motion state) Nellcor SpO2: ±3bpm within 20bpm - 250bpm . 251bpm - 300bpm: Not defined
TEMP Specifications	
Number of Channels	2 Channel
Range	0°C - 50°C
Accuracy	±0.1 (excluding the sensor error)
Display Resolution	0.1 °C
Respiration	
Method	Thoracic impedance
Range	0rpm-120rpm (Adult) rbpm-150rpm (Child/Neonate)
Accuracy	7rpm - 150rpm: ±2rpm or ±2%, whichever is greater. 0rpm - 6rpm: not defined. RAP (right atrial pressure), LAP (left atrial pressure), ICP (Intracranial pressure), AO (aortic pressure), UAP (umbilical artery pressure), BAP (brachial artery pressure), FAP (femoral artery pressure), UVP (umbilical venous pressure), LV (left ventricular pressure), P1, P2, P3 and P4..
Data Storage	
Trend	160 hours
Parameter Alarm	200 parameter alarm events
NIBP Measurement Data	2000 sets
ST-Segment	20 groups
Wave Review	48 hours wave review of single-channel ECG wave (the specific time is related to the waves saved and the number of waves)
Environmental Conditions	
Operation	Range of Temperature: 0 °C - 40 °C Range of RH: ≤93% Range of Atmospheric Pressure: 700hPa - 1060hPa
Power Supply	AC input voltage: 100 - 240V AC input frequency: 50/60Hz Input power: 50VA
Storage and Transportation	Range of Temperature: -20 °C - 60 °C Range of RH: ≤93% Range of Atmospheric Pressure: 700hPa - 1060hPa
Recorder	Optional

CERTIFIED ISO 13485:2016, ISO 9001:2008 COMPANY

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