



Anyview G Series Patient Monitor

G10 / G12 / G15



Gesture Control



High Definition



Semi-modular Design



360° Sound Light Alarm

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Guiding Care with Innovation

Anyview G Series exemplifies Biolight's commitment to advancing medical technology, offering healthcare providers a versatile and powerful tool to meet the evolving demands of patient care.

parameter	G10	G12	G15
Screen(inch)	10.1	12.1	15.6
Resolution	1280x800	1280x800	1366x786
Module slots	2	2	3
Weight	<4.2kg	<4.7kg	<5.7kg



Great Versatility with Multiple Display Modes

G series patient monitor offers 13 customizable display modes, allowing users to adapt the interface for different clinical needs - enhancing workflow efficiency and monitoring flexibility.



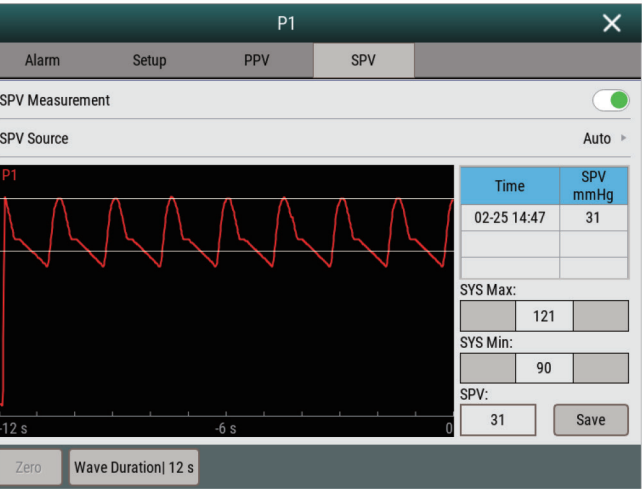
The Perfect Balance of Flexibility & Performance

- ☐ Semi-modular with essential monitoring.
- ⚙ Balances versatility and value.
- ⬆ Offers advanced, cost-effective upgrades.
- 🔄 Adapts to diverse clinical needs.

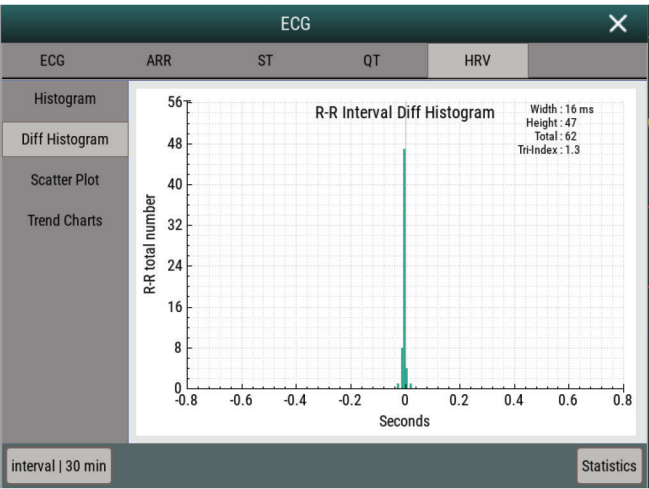


Going Beyond - New Parameters for better care

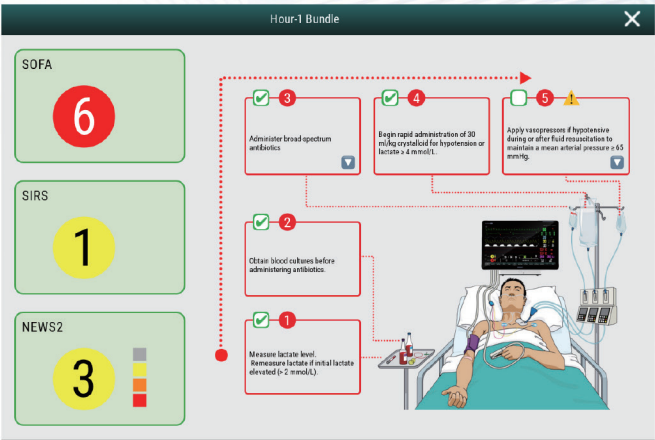
G series includes new parameters such as SPV (Systolic Pressure Variation) and HRV (Heart Rate Variability), enhancing hemodynamic and autonomic nervous system monitoring for more precise patient assessment.



Heart Rate Variability

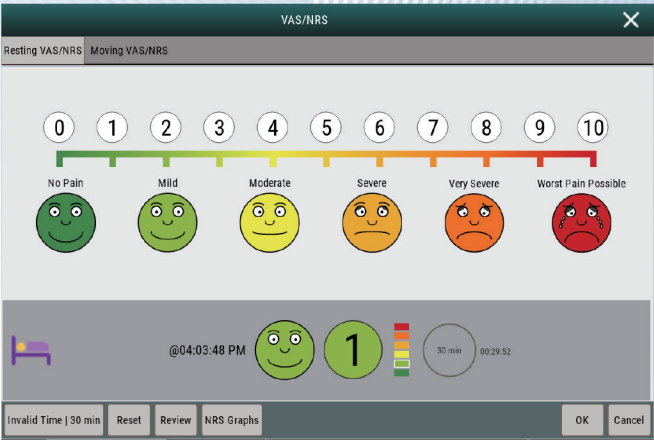


Systolic Pressure Variation



Sepsis View

Newly design Sepsis View function, based on the latest SSC guidelines, features an intuitive guided workflow process integrating SOFA, SIRS, and EWS.



VAS & NRS

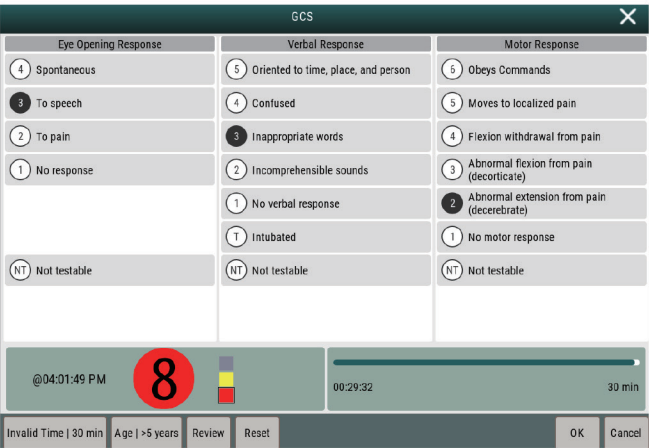
Replacing traditional paper-based recording with G series. The clinician can now document pain assessments directly on the monitor for improved efficiency and accuracy.

Grasp Every Vital Detail



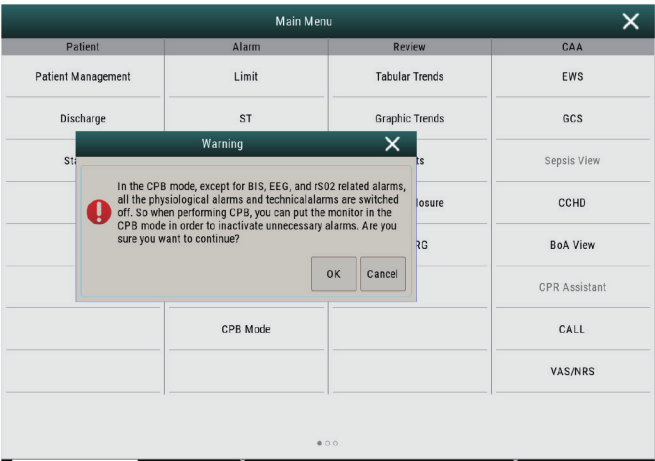
Early Warning Score

G series includes NEWS, NEWS2, MEWS, and PEWS, helping clinicians assess patient deterioration quickly and make timely interventions.



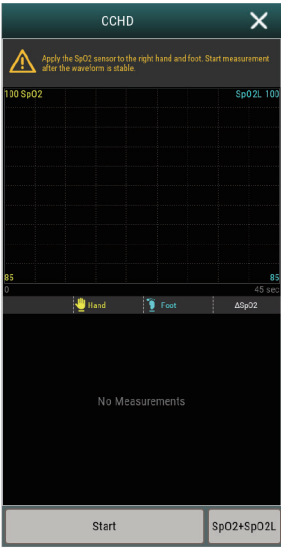
Glasgow Coma Scale

GCS supports adult, pediatric, and neonate patients, including assessment for intubated and non-intubated cases, ensuring comprehensive neurological evaluation.



CPB Mode

G series features CPB mode, optimizing vital sign monitoring during cardiopulmonary bypass by ensuring accuracy and reducing false alarms.



CCHD

G series supports CCHD screening by simultaneously measuring SpO2 in both hand and foot, enabling early detection of critical congenital heart disease with greater efficiency.

Guaranteed Customization with SpO2 monitoring options

G series offers exceptional adaptability with optional SpO2 solutions from Biolight, Masimo, or Nellcor, allowing users to choose the best fit for clinical needs.



Get Connected, Get Ahead



QR code for quick data export.



Bluetooth thermometer integration.



Provides real-time temperature readings.



BioFluid - Intelligent Body Fluid Balance Monitoring

An advanced body fluid balance monitoring solution designed to provide real-time insights into a patient's hydration status. It seamlessly integrates with patient monitors, urine monitors, and infusion pumps for automatic fluid tracking, allowing for accurate fluid balance assessment.



- Optimized for critical care fluid management.
- Enhances precision in ICU and surgery.
- Aims to improve patient outcomes.

AnyView G10/G12/G15

Semi-Modular Patient Monitor



Size and Weight

Size	G10: 180×270×240mm
	G12: 180×310×270mm
	G15: 220×400×295mm
Weight	G10: < 4.2kg
	G12: < 4.7kg
	G15: < 5.7kg
Modular slot	G10/G12: 2
	G15: 3

Power

According to IEC 60601-1 and IEC 60601-1-2

Input voltage	AC (100-240) V (±10%)
Frequency	50Hz/60Hz
Input power	G10: 0.8A-0.5A/80VA
	G12: 1.5A-0.7A/140VA
	G15: 1.5A-0.7A/140VA

Display

Type	Color TFT LCD
Size(diagonal)	G10: 10.1 inch
	G12: 12.1 inch
	G15: 15.6 inch
Resolution	G10: 1280×800 pixels
	G12: 1280×800 pixels
	G15: 1366×768 pixels

External display

Type	HDMI
Resolution	Above 1280×800 pixels

Recorder

Type	BTR50S thermal dot array
Paper width	50 mm±1mm
Recording speed	12.5 mm/s, 25 mm/s, 50 mm/s
Recording waveform	Maximum 3 tracks

Battery

Type	G10/G12/G15: Rechargeable Li-ion battery, 11.1 VDC, 5000mAh
Operating time	G10/G12: ≥10h, G15≥9h
Charge time	≤ 7 hours to 90%

Connectors

Power	1 AC power inlet with cable retainer
Wired network	G10/G12/G15: 1 (standard RJ45)
USB (standard USB 2.0 sockets)	G10/G12/G15: 2
HDMI connector	G10/G12/G15: 1
Nurse call interface	1
Equipotential grounding point	1

Environmental requirements

Operating temperature	0°C to +40°C
Operating humidity	15% to 95%(non condensing)
Operating air pressure	54.0kPa to 107.4kPa
Storage temperature	-20°C to +60°C
Storage humidity	10% to 95%(non condensing)
Storage air pressure	16.0kPa to 107.4kPa

ECG

Lead	3 lead: I, II, III
	5 lead: I, II, III, aVR, aVL, aVF, Vx
	6 lead: I, II, III, aVR, aVL, aVF, Va, Vb
	12 lead: I, II, III, aVR, aVL, aVF, V1-V6
	Auto: identify leads automatically

Indication of lead-off shall be provided	Every electrode
ECG abnormal work indications	Each amplification channel shall indicate abnormal ECG operation (polarization).

Bandwidth (-3dB)	Diagnostic mode: 0.05 Hz to 150 Hz
	Monitor mode: 0.5 Hz to 40 Hz
	Operation mode: 1 Hz to 25Hz
	ST mode: 0.05 Hz to 40Hz

Input impedance	≥5.0 MΩ
ECG signal range	± 10.0 mV
Electrode offset potential	± 500 Mv
System noise	≤ 30 μVpp (RTI)
Breakdown Voltage	4000V 50Hz/60Hz
Baseline recovery	Baseline recovery time: 5s (after defibrillation).
Sweep speed	6.25 mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s
Waveform Gain	x0.25, x0.5, x1 (10mm/mV), x2, x4
CMRR	Diagnostic mode ≥100dB
	ST, Monitor, Operation mode ≥110dB

ST segment

ST Display	12-lead ST segment values at the same time and support ST graphic display
Measurement range	-2.0 mV to +2.0 mV
Accuracy	-0.8 mV to +0.8 mV: ±0.02 mV or ±10%, (whichever is greater) Over ±0.8mV: unspecified
Resolution	0.01mV
ST update period	10s

Arrhythmia analysis

Kinds	25 Types (Ventricular Fibrillation/Ventricular Tachycardia, Couplet, Ventricular Bigeminy, Ventricular Trigeminy, Ventricular Tachycardia, Atrial Fibrillation, Ventricular Rhythm, Asystole, Extreme Tachycardia, Extreme Bradycardia, Pacer Not Capture, Pacer Not Pacing, Vent. Brady, Tachy, Brady, R on T, PVC, Frequent PVCs, Run PVCs, Missed Beats, Multif. PVC, Nonsus. Vtac, Pause, PauseHigh, Irr. Rhythm.
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Respiration

Source	RA-LA, RA-LL (default)
Measurement range	0 rpm, 6 to 150 rpm
Accuracy	±2 rpm or ±2% , whichever is the greater
Sweep speed	3 mm/s, 6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s
Delay of apnea alarm	10~60s, error ±3s or ±10%,
Bandwith	0.2Hz ~ 2.5Hz (-3db ~ +0.4dB)
Baseline impedance	200 ~ 2500Ω
Measuring impedance	0.3Ω ~ 3Ω

HR

Measurement range	Adult: 10~300bpm Pediatric/Neonatal: 10~350bpm
Resolution	1 bpm
Accuracy	±1% or ±1 bpm, whichever is greater
Detection sensitivity	0.20mVp-p

QT analysis

Measurement range	QT: 200ms~700ms QTc: 200ms~700ms ΔQTc: -500ms~500ms QT-HR: Adult: 15bpm~150bpm Pediatric/neonatal: 15bpm~180bpm QT, QTc, ΔQTc: 1ms
Resolution	
Accuracy	QT-HR: 1bpm QT: ±30ms

NIBP

Standard	IEC 80601-2-30
Measurement parameters	SYS, DIA, MAP, PR
Measurement mode	Manual , Auto, STAT, Sequence
STAT mode cycle time	5 min
Systolic range	Adult 30 to 270 mmHg Pediatric 30 to 235 mmHg Neonatal 30 to 135 mmHg
Diastolic range	Adult 10 to 220 mmHg Pediatric 10 to 220 mmHg Neonatal 10 to 100 mmHg
Mean range	Adult 20 to 235 mmHg Pediatric 20 to 235 mmHg Neonatal 20 to 125 mmHg
Cuff pressure range	0 to 300 mmHg
Resolution	1 mmHg or 0.1kPa
Pressure accuracy	±3 mmHg (±0.4kPa)
PR range	40 bpm to 240 bpm Static
Accuracy	±3bpm or ±3%, whichever is greater
Measurement time	Adult, Pediatric: < 120s Neonatal: < 90s
First overpressure protection	Adult (297±3) mmHg Pediatric (252±3) mmHg Neonatal (147±3) mmHg

SunTech NIBP (option)

Way of measurement	Oscillometric.
Measurement range	Adult SYS 40~260 mmHg DIA 20~200 mmHg MAP 26~220 mmHg Pediatric SYS 40~160 mmHg

DIA	20~120 mmHg
MAP	26~133 mmHg
Neonatal	
SYS	40~130 mmHg
DIA	20~100 mmHg
MAP	26~110mmHg

Pressure Accuracy	±3 mmHg (±0.4 kPa)
Pulse rate range	30 ~ 220 bpm
Pulse Rate Accuracy	±2bpm or ±3%, whichever is greater
Overpressure Protect (Hardware & software)	Adult <300 mmHg Child <300 mmHg Neonatal <150 mmHg

BLT SpO2

Measurement range	0% ~ 100%
Resolution	1%
Accuracy	70% ~ 100% ≤3% 0% ~ 69% unspecified

PR

Measurement range	25 bpm to 300 bpm
Resolution	1 bpm
Accuracy	≤3bpm (Oxygen Saturation Simulator)

PI

Measurement range	At least 0.05 ~ 20.00%
Resolution	0.01%
Accuracy	±0.1% or ±10% of reading, whichever is the greater

RESP (from pleth)

Measurement range	0 rpm ~ 90rpm
Resolution	1 rpm
Accuracy	±2 rpm

Nellcor SpO2 (option)

Measurement range	0% to 100%
Resolution	1%
Accuracy	70% to 100%: ±2%(adult/pediatric) 70% to 100%: ±3%(neonate) 0% to 69%, unspecified

PR

Measurement range	20 bpm to 300 bpm
Accuracy	20 bpm to 250 bpm: ≤3bpm 251 bpm to 300 bpm: unspecified
Resolution	1 bpm

PI

Measurement range	At least 0.05 ~ 20.00%
Resolution	0.01%
Accuracy	±0.1% or ±10% of reading, whichever is the greater

Masimo SpO2 (option)

Measurement range	0% to 100%
Resolution	1%
Accuracy	70% to 100% ±2% (adult/pediatric, non-motion) 70% to 100% ±3% (neonate, non-motion) 70% to 100% ±3%(motion conditions) 0% to 69% unspecified

PR

Measurement range	25 bpm to 240 bpm
Accuracy	≤3bpm (Oxygen Saturation Simulator)
Error	±3 bpm(non-motion conditions)
Resolution	1 bpm
Rainbow SET Parameters	SpCO, SpMet, SpHb, SpOC, PVi

SpCO		AG (option)	
Measurement range	0% to 100%	Standard	ISO 80601-2-55
Accuracy	0% to 40%: ±3%(non-motion conditions) > 40%,unspecified	Measurement mode	Mainstream, Sidestream
SpMet		Parameters	Respiratory end gas fraction (Et), inhaled gas fraction (Fi), airway respiration rate (awRR) of Halothane (Hal), Enflurane (Enf), Isoflurane (Iso), Sevoflurane (Sev), Desflurane (Des), CO ₂ , N ₂ O, O ₂ (only applicable for ISA OR+ module)
Measurement range	0% to 100%	Resolution	Hal, Enf, Iso, Sev, Des, CO ₂ : 0.1%
Accuracy	0% to 15%:±1%(non-motion conditions) > 15%,unspecified		N ₂ O, O ₂ : 1%
PI			
Measurement range	0.05% to 20%	Warm up time	< 20s
SpHb		Total system response Time: Mainstream: < 2s, Sidestream: < 4s	
Measurement range	0 g/dl to 25 g/dl	Sampling rate of sidestream	50mL/min±10mL/min
Accuracy	8g/dl to 17g/dl: ±1g/dl (non-motion conditions) < 8 g/dl or > 17 g/dl, unspecified	anesthesia gas	
IBP (option)		Measurement range and accuracy of gas	
Standard	IEC 60601-2-34	Gas	Range (%) Accuracy
Nominal sensitivity	5uV/V/ mmHg	CO ₂	0.0 to 15.0 % ± (0.43%+8% of reading)
Output impedance	300Ω to 3000Ω	N ₂ O	0 to 100% ± (2%+8% of reading)
Static measurement range	-6.7kPa to +48.0kPa (-50 mmHg to +360 mmHg)	O ₂	0 to 100% ± (2.5%+2.5% of reading)
Static measurement accuracy	±0.3kPa (±2mmHg) or ±2% whichever is the greater (without sensor)	Hal,Iso, Enf	0.0 to 8.0% ± (0.2%+15% of reading)
Dynamic measurement range	-6.7kPa to +48.0kPa (50 mmHg to +360mmHg)	SEV	0.0 to 10.0% ± (0.2%+15% of reading)
Dynamic measurement accuracy	±0.3kPa (±2mmHg) or ±2% whichever is the greater (without sensor)	DES	0.0 to 22.0% ± (0.2%+15% of reading)
Resolution	1 mmHg	awRR range	0 rpm to 150 rpm
Unit	mmHg, kPa, cmH ₂ O	awRR accuracy	±1 rpm
Frequency Response	0 Hz to 10 Hz	ICG (option)	
PPV		Measurement way	Thoracic electrical bioimpedance
Measurement range	0% ~ 50%	Parameters	C.O., C.I., SV, SI, SVR, SVRI, TFI, TFC, HR
Accuracy	±8%	Measurement range	HR: 44 bpm to 185 bpm SV: 5.0 mL to 250.0 mL C.O. : 1.0 L/min to 15.0 L/min TFI (Z ₀): 8 ~ 52ohm
SPV		Measurement accuracy (Laboratory)	HR: ±1bpm SV: ±10% of reading C.O. :±10% of reading TFI (Z ₀): ±1 ohm or ±5% of reading, whichever is greater.
Measurement range	0 ~ 50mmHg		
Accuracy	±3mmHg		
PR		EEG (Option)	
Measurement range	30bpm ~ 300bpm	Standard	IEC 60601-2-26
Resolution	1bpm	Sampling frequency	250 dots/s/ channel
Resolution	±1% or ±1bpm, whichever is greater	Signal input Range	≥-2mV ~ +2mV
CO₂ (Option)		Polarization resistance voltage	±320mV
Standard	ISO 80601-2-55	Input impedance	≥15MΩ@10Hz, can expand to0.25~110Hz
Measurement parameter	EtCO ₂ , FiCO ₂ , CO ₂ waveform and awRR	Frequency range	0.5~30Hz(default)
Measurement method	Mainstream, Sidestream/Microflow	Noise level	≤3.0uVp-p(0.5~30Hz)
Unit	mmHg, Kpa and %	CMRR	>89dB (turn off the power frequency filter) >100dB (turn off the power frequency filter)
EtCO ₂ /FiCO ₂ range	0% ~ 19.7% (0mmHg ~ 150mmHg)	Measurement range	SEF: 0.5 Hz -30.0 Hz, MDF: 0.5 Hz -30.0 Hz PPF: 0.5 Hz -30.0 Hz, TP: 0.0 Hz -100.0 dB Delta: 0.0%-100.0%, Theta: 0.0%-100.0% Alpha: 0.0%-100.0%, Beta: 0.0%-100.0%
Accuracy	±(0.43% + 8% of reading)		
Resolution	0.1% or 1mmHg		
awRR range	0 ~ 150 bpm	BIS (option)	Bispectral index (BIS), myoelectric activity (EMG), signal quality index (SQI), suppression ratio (SR), break count (BC), total power (TP), spectral edge frequency (SEF)
Accuracy	±1 bpm		
Resolution	1 bpm		
Start up time	Mainstream CO ₂ < 8s, Microflow CO ₂ < 45s Sidestream CO ₂ < 20s	Measurement Index	Electroencephalo-graph waveform (EEG)
Sampling frequency and accuracy of gas (Sidestream & Microflow):			
Sidestream CO ₂	70 mL/min ±15% or ±15 mL/min, whichever is greater		
Microflow CO ₂	50 mL/min ±10mL/min	Wave shape	
Response time	Microflow CO ₂ : < 5.0s Sidestream CO ₂ : < 3.0s Mainstream CO ₂ : < 2.0s		

Parameter measurement range

BIS range	0~100
SR range	0%~100%
SEF range	0.5~30Hz
TP range	40.0~91.0dB

EEG measurement specifications

Signal reconstruction accuracy:	±10%
Signal input dynamic range	-0.5mV ~ +0.5mV
Duration	error ≤±5%
CMRR	≥100dB
Noise(RTI)	< 2uV
Amplitude frequency characteristics:	6Hz~30Hz (-3dB ~ +0.4dB)
when turn on the filter; at least 0.5Hz~70Hz (-3dB ~ +0.4dB)	
when turn off the filter	
Polarization resistance voltage: plus ±300mV d.c. bias voltage,	
EEG waveform amplitude deviation is within ±5%.	

C.O. (option)

Measurement range	C.O.	0.1 L/min to 20 L/min
	TB	23.00°C ~ 43.00°C
	TI	-1.0°C ~ 27.0°C
Resolution	C.O.	0.1 L/min
	TB	0.01°C
	TI	0.1°C
Accuracy	C.O.	±5% or ±0.1L/min, whichever is greater
	TB	±0.1°C
	TI	±0.1°C

Temperature

Standard	ISO 80601-2-56
Parameter	T1, T2, Td
Probe	YSI400 series probe
Measurement site	Surface and coelom
Measurement range	0.0°C to 50.0°C (32°F to 122°F)
Accuracy	±0.1°C or ±1°F (exclusive of probe)
Resolution	0.1°C or 1°F
Unit	°C or °F
Updated time	Every about 1 to 2s
Minimum accurate measuring time	Surface <100s Coelom <80s
Recovery time after defibrillation	<15s

Option Built-in Parameter:

12-lead ECG, 2-IBP, Nellcor SpO2, Masimo SpO2, BLT Provet SpO2, BLT MicroFlow EtCO2 & Mainstream EtCO2, Masimo MicroFlow EtCO2 & Mainstream EtCO2

Option Module:

2-IBP module, 2-Temp module, BLT SpO2 module, Nellcor SpO2 module, Masimo Rainbow SET Module, Masimo SpO2 Module, BLT Mainstream & Sidestream & MicroFlow EtCO2 module, Masimo Mainstream & MicroFlow EtCO2 module, Masimo Mainstream & Sidestream AG module, Suntech NIBP module, ICG module, EEG module, BIS module, C.O. module, DM module, Voice assistant module, BIOLINK module

Other option:

Thermal Printer, Bluetooth BLE 5.1, Rolling stand, Wall mount, Wireless Lan (WiFi), External Display HDMI & Multifunctional Port (Nurse Call/Analog Output/Defibrillation Synchronization)

DM (option)

Liquid stop function:	Alarm and stop liquid when drip rate is abnormal Alarm and stop liquid when infusion is completed When the module is powered off, the liquid stop clip is opened without affecting the infusion.
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Unit	Drops/min, mL/h
Measurement range	5 Drops/min ~ 200 Drops/min (1mL of conventional tube = 20 drops)
Drip accuracy	±2 Drops/min and ±2%, whichever is greater
Resolution	1 Drops/min
Data storage	
Trend data	Long trend: 1800h, minimum resolution is 10 min Medium trend: 180h, minimum resolution is 1 min Short trend: 6h, minimum resolution is 5 second
Parameter alarm event	At least 3000 parameter alarm events and associated parameter waveform at the moment
ARR events	3000 ARR events
NIBP result	At least 2400 groups.
Holographic waveform	At least 72 hours

*Specifications subject to change without prior notice.

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