

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48

Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новыйрыськ (3496)41-32-12
Новосибирск (383)227-86-73

Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Саранск (8342)22-96-24
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35

Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35
Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

bea@nt-rt.ru || <https://bionet.nt-rt.ru/>

BM7 BM5 BM3



New design with improved durability standard of IPX2



Convenient POP-UP trend for ST analysis & NIBP monitoring



Simplifying workflow



Enhanced diagnostic data & review capabilities



User-friendly interface



Comprehensive connectivity

New and Improved Housing Design

- Meets IPX2 Water Ingress Standard, most stringent drip test
- Improved ergonomics, maximizing display presentation and operation

Enhanced Workflow

- Easy patient registration with barcode scanner
- Patient Admission & Discharge menu
- Direct HL7 interface to HIS/EMR/external USB memory
- Auto data transfer mode with HL7 period from 10sec. ~ 6hr. interval

User-friendly Interface

- Large, remote color display HDMI Interface
- Screen Freeze for event capturing and Screen Lock for convenient cleaning
- Detachable bed-rail hook
- One-Touch™ design for easy pole, rollstand and wall mounting
- On-board Drug Calculation software

Advanced Diagnosis Data and Review

- Arrhythmia & ST segment analysis
- Pacemaker detection
- OxyCRG monitoring for neonate patient
- Report supporting 103 ECG data diagnosis sets
- 168 hours of tabular and graphical trends

Comprehensive Connectivity

- 2 USB slots for external data transfer & barcode scanner
- Bed-to-Bed monitoring mode
- LAN, Wifi connection to BM Plus central monitoring system

BM Comparison Chart *

	BM3	BM5	BM7
Display size	8" Touch	10.4" Touch	12.1" Touch
Standard Parameter	ECG/Spo2/NIBP/Resp/1CH-Temp	ECG/Spo2/NIBP/Resp/2CH-IBP / 2CH-Temp	ECG/Spo2/NIBP/Resp/2CH-IBP / 2CH-Temp
NIBP (SUNTECH)	Opt.	Opt.	Opt.
Temp	1CH Optional sensor	2CH Optional sensor	2CH Optional sensor
IBP	X	2CH Optional sensor & cable	2CH Optional sensor & cable
EtCO2	Opt.*	Opt.	Open port Optional sensors
Waveforms	4	6	6
PRINTER	Y	Y	Y
NETWORK	LAN,Wifi,USB	LAN,Wifi,USB	LAN,Wifi,USB

* BM3 EtCO2 option includes SUNTECH NIBP

Enhanced, Robust Physical Design

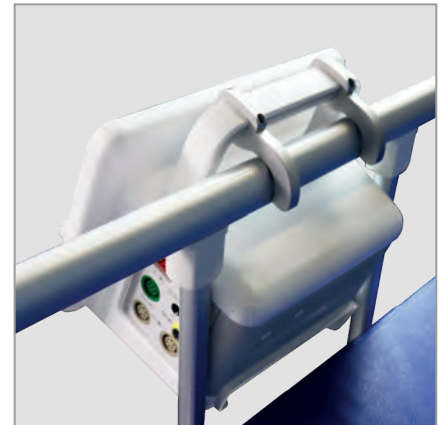
With ease of use in mind



New housing design supporting IPX2



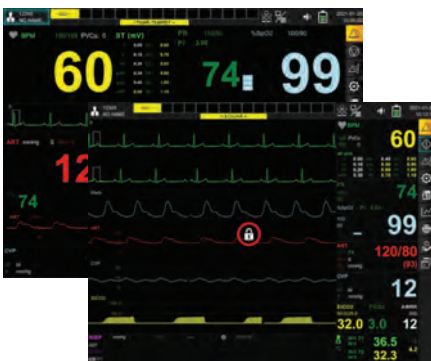
"One-Touch" design for easy pole, rollstand and wall mounting



Detachable bed-rail hook

Versatile Operation

Enhancing patient monitoring experience



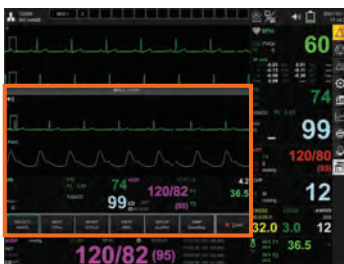
Screen Freeze / Lock function & Customizable display



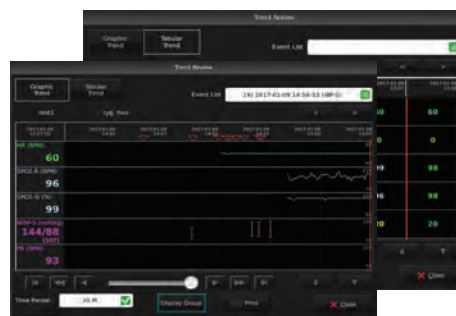
Quick review with NIBP trend window



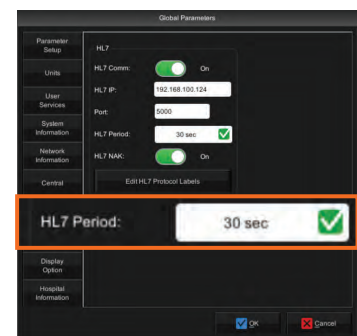
ST trend window for analyzing and detecting changes in ECG



Access to a different bed with Bed-to-Bed monitoring function



168 Hours of Tabular and Graphical trends



HL7 Auto data transfer from 10sec. ~ 6hr

Technical specifications

Hardware specifications

Dimension (W x H x D) & Weight	BM3 240 x 237 x 176 / Approx 3.1kg BM5 276 x 262 x 176 / Approx 4kg BM7 324 x 257 x 218 / Approx 4.5kg
Display / Resolution	BM3 8" / 800 X 600 BM5 10.4" / 800 X 600 BM7 12.1" / 1024 X 768
Parameters	BM3 ECG, Heart Rate, Respiration Rate, SpO ₂ , Pulse Rate, Systolic BP, Diastolic BP, Mean BP, EtCO ₂ , FICO ₂ , Airway Respiration Rate, 1CH-Temp BM5 / BM7 2CH-IBP, 2CH-Temp
Trace	BM3 4 waveforms : 2 x ECG, SpO ₂ , RR or EtCO ₂ BM5 / BM7 6 waveforms : 2*ECG, SpO ₂ , RR or EtCO ₂ , 2*IBP
Indicators	Categorized alarms (3 priority levels) SpO ₂ pitch tone, Battery status, External power LED
Interfaces	DC input connector : 15VDC, 2.0A LAN digital output for transferring data Nurse call system connection: - 0.3A at 125VAC - 1A at 24VDC External monitor connection: HDMI USB barcode reader USB data storage
Battery	Rechargeable BM3/BM5 3250mAh (or optional 6500mAh), BM7 6500mAh
Data Storage	168hours (saving interval 1min')
Water Resistance	IEC 60529:2013 Degree of protection provided by enclosures, IPX2

ECG

ECG lead & Waveforms	BM3 3-lead : 1 channel I, II, III 5-lead : 1 channel I, II, III, aVR, aVL, aVF, V BM5 / BM7 5-lead : 2/7 channels I, II, III, aVR, aVL, aVF, V
Heart Rate Range	Adult / Pediatric : 30 ~ 300 bpm Neonate : 30 ~ 350 bpm
Heart Rate Accuracy	±1bpm or ±1%, whichever is greater
Sweep Speed	6.25, 12.5, 25, 50 mm/sec
Filter	Diagnosis : 0.05Hz ~ 150Hz Monitoring : 0.5 ~ 40 Hz Moderate : 0.5 ~ 25 Hz Maximum : 5 ~ 25 Hz
S-T Segment Detection Range	-2.0 to 2.0 mV
Arrhythmia Analysis	ASYSTOLE, VTACH, VFIB BM5, BM7 only BIGEMINY, ACCVENT, COUPLET, IRREGULAR, PAUSE, PVC, RONT, TRIGEMINY, VBRADY, SHORTRUN
Pacemaker Detection Mode	Indicator on waveform display (user selectable)
Protection	Against electrosurgical interference and defibrillation

Respiration Performance

Method	Thoracic impedence
Channel Selection	RA-LL BM5, BM7 only: RA-LA
Measurement Range	5 ~ 120 breaths per minute
Accuracy	±1 breath per minute
Apnea Alarm	Yes

Temperature Performance

Measurement Range	0 ~ 50°C (32 ~ 122°F)
Accuracy	25 ~ 50°C: ±0.1°C 0°C to the less than 25°C: ±0.2°C
Compatibility	98ME04GA603 temperature probes
Operating Mode	0 ~ 50°C (0 ~ 122°F)
Channels	1CH (BM3), 2CH (BM5/7)

IBP Performance (BM5/BM7 Only)

Channels	2
Measurement Range	-50 ~ 300mmHg
Accuracy	4% of reading or ± 4 mmHg, whichever is greater
Pulse Rate Measurement Range	0 ~ 50°C (0 ~ 122°F)
Zero Balancing	Range: ±200mmHg Accuracy: ±1mmHg Drift: ±1mmHg over 24hours
Transducer Sensitivity	5µV/mmHg

SpO₂

Saturation range	0 to 100%
Saturation accuracy	70 to 100% ±2 digits 0 to 69% unspecified
Pulse rate range	30 to 254 bpm
Pulse rate accuracy	±2 bpm

NIBP

Method	Oscillometric
Operation Mode	Manual/Automatic/Continuous
Measurement range	Systolic : 40 to 260 mmHg MAP : 26 to 220 mmHg Diastolic : 20 to 200 mmHg
Accuracy	mean error: less than ±5 mmHg standard deviation : less than 8 mmHg Meets accuracy requirements of ANSI/AAMI SP10:1992 and 2002 (Optional SunTech module)

ETCO₂ (Main/Sidestream)

Measurement range	0 to 150 mmHg, 0 to 19%
Accuracy	0-40mmHg ±2 mmHg, 41-70mmHg ±5% of reading 71-100mmHg ±8% of reading, 101-150mmHg ±10% of reading
Respiration rate	2 to 150 breaths per minute
Respiration accuracy	±1 breath per minute

* Specifications can be changed without prior notification.

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48

Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новыйбурск (3496)41-32-12
Новосибирск (383)227-86-73

Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Пеков (8112)59-10-37
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Саранск (8342)22-96-24
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35

Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35
Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47