



Patient Monitoring Systems

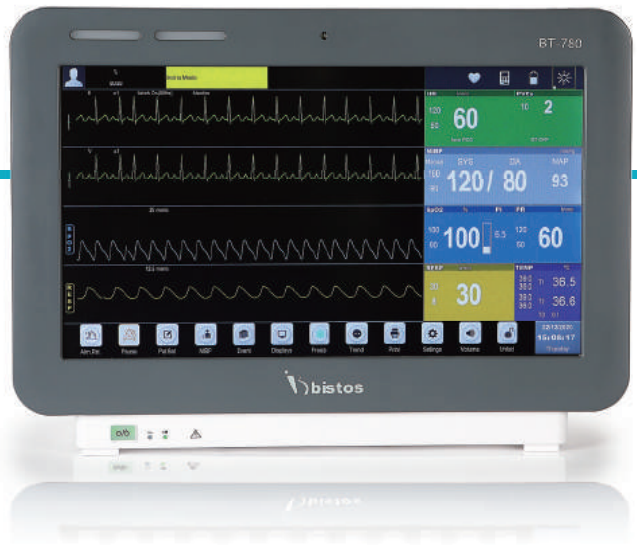
Patient Monitor
Vital Sign Monitor
Pulse Oximeter

 **bistos**

Patient Monitor

BT-780

15.6"



BT-770

12.1"



BT-740

8.4"



Patient Monitor

- 15.6", 12.1", 8.4" color TFT touch screen
- ECG, Resp., SpO₂, NIBP, Temp., CO₂, IBP, Multi-gas, Masimo SpO₂
- Precise ECG measurement with pacemaker detection
- ST segment and 16 types of arrhythmia analysis
- Double overpressure protection for NIBP
- Intelligent cuff inflation pressure adjustment
- Smart Hook/Stand design, provide multiple placement modes
- Plug & Play Modular IBP, Modular Printer
- Multiple configuration options: 4-channel IBP, CO₂, Multi-gas
- Over 5 hours continuous working on battery
- 12-15V wide range DC input
- HL7 export to clinical information systems (Up to max 30)



Touch screen



Dual Screen Central monitoring station



Ultra Slim design



Smart hook/Stand

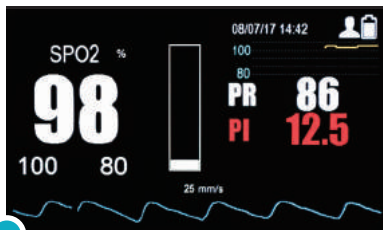


IBP, Printer module

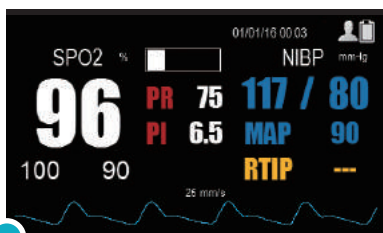
Vital Sign Monitor



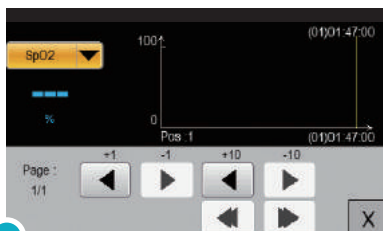
Portable design



SpO2



SpO2+NIBP



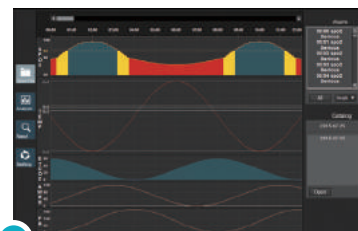
Trend Graphic

BT-720

- 4.3" color touch screen
- SpO2, Pulse, NIBP
- Short/long trend graphic / trend table display
- Audio & visual alarm, adjustable alarm limit
- Automatic brightness adjustment
- Perfusion Index data / bar graph display
- Pitch tone variation for pulse rate
- Internal memory for data storage
- USB port for easy software upgradation
- Over 8 hours continuous working on rechargeable lithium-ion battery
- Specialized PC software for data review and analysis
- Option for NIBP
- HL7 export to clinical information systems

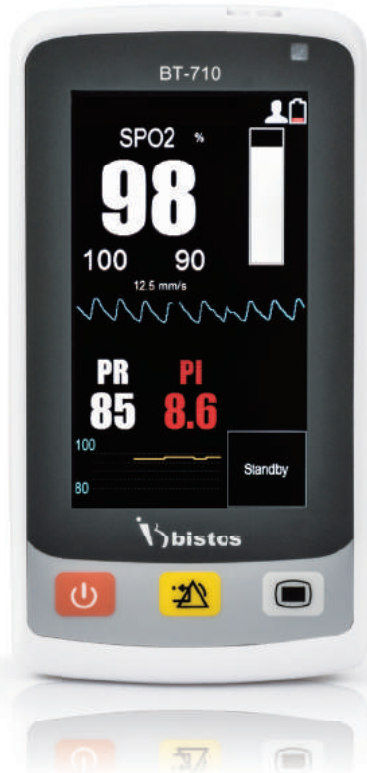
Time	SpO2	PR	ET	FI	awRR
01-01-2016 00:00	---	---	---	---	---
01-01-2016 00:01	---	---	---	---	---
01-01-2016 00:00	---	---	---	---	---
01-01-2016 00:01	---	---	---	---	---
01-01-2016 00:00	---	---	---	---	---
01-01-2016 00:02	---	---	---	---	---
01-01-2016 00:01	---	---	---	---	---
01-01-2016 00:00	---	---	---	---	---
01-01-2016 00:01	---	---	---	---	---
01-01-2016 00:00	---	---	---	---	---
01-01-2016 00:05	---	---	---	---	---
01-01-2016 00:04	---	---	---	---	---

Trend Tabular



PC Viewer Software

Pulse Oximeter



BT-710

- 4.3" color touch screen
- Handheld style
- SpO2, Pulse Rate
- Specialized PC software for data review and analysis
- Over 8 hours continuous working on rechargeable lithium-ion battery
- 5V DC input with convenient USB charger
- Battery can be charged by external USB battery
- Suitable for adult and pediatric



Handheld size

Time	SpO2	PR
08-07-2017 15:51	---	---
08-07-2017 15:50	97	86
08-07-2017 15:49	98	88
08-07-2017 15:48	---	---
08-01-2017 17:02	97	79
08-01-2017 16:01	97	78
08-01-2017 16:00	98	80
08-01-2017 15:59	97	77
08-01-2017 15:57	97	79
07-21-2017 01:04	---	---
07-21-2017 01:03	---	---
07-21-2017 01:02	---	---
07-21-2017 01:01	---	---
07-21-2017 01:00	---	---
07-21-2017 00:59	---	---
07-21-2017 00:58	---	---
07-21-2017 00:57	---	---
07-21-2017 00:56	---	---
07-21-2017 00:55	---	---
07-21-2017 00:54	---	---
07-21-2017 00:53	---	---
07-21-2017 00:52	---	---

Trend Tabular



Protective case (option)



Wallmount Bracket



BT-700

- 3.5" Color LCD
- Handheld style (Economic Version)
- SpO2, Pulse Rate
- Over 5 hours continuous working on rechargeable lithium-ion battery
- Battery can be charged by external USB port
- Alarm function: SpO2 limit alarm, PR limit alarm, low battery alarm, etc
- Suitable for adult and pediatric

BISTOS Patient Monitor Technical Specification

Model		BT-780 / BT-770 / BT-740		
Category		Patient Monitor		
Display		15.6" Color Touch Screen	12.1" Color Touch Screen	8.4" Color Touch Screen
ECG	Lead Type	3/5 Lead		
	Gain Selection	x0.125, x0.25, x0.5, x1, x2, auto		
	Sweep Speed (mm/s)	12.5, 25, 50		
	Bandwidth : Diagnostic Mode	0.05 - 130 Hz		
	Monitoring Mode	0.5-40Hz		
	Surgery Mode	1-25 Hz		
	Heart Rate Range (bpm)	Adult: 15-300 Pediatric: 15-350		
Respiration	Method	Trans-thoracic impedance		
	Measurement Range	0-120 rpm		
	Sweep Speed (mm/s)	6.25, 12.5, 25		
SpO ₂	Measurement Range	0-100%		
	Accuracy (70-100%)	Adult/Pediatric	±2%	
	Accuracy (0-69%)	unspecified		
	Perfusion Index	0.05-20%		
	Pulse Rate Range (bpm)	25-250		
NIBP**	Method	Automatic Oscillometric		
	Operation Mode	Manual/Auto		
	Parameter	Systolic Diastolic, Mean		
	Systolic Range (mmHg)	Adult	40-270	
		Pediatric	40-200	
	Diastolic Range (mmHg)	Adult	10-210	
		Pediatric	10-162	
Mean Range (mmHg)	Adult	20-230		
	Pediatric	20-175		
Temperature **	Range	0-50°C (32-122°F)		
	Parameter	T1, T2 and TD		
IBP *	Channel	2 Channel / 4 Channel		
	Range (mmHg)	-50 to 400		
Printer *	Type	Thermal dot array		
	Print Speed (mm/s)	12.5, 25, 50		
	Paper size (mm)	50mm x 2m		
CO ₂ *	Sidestream	Masimo ISA/Bistos		
	Mainstream	Masimo IRMA/Bistos		
Battery	Type (capacity)	Li-ion(4400mAh)		
	Run Time	5hour		
	Charging Time	4hour		
PC Software Interface		RJ45, USB, Nursing call		
Warranty		2year		

* Option ** Option (BT-720)

BT-720	BT-710	BT-700
Vital Sign Monitor	Handheld Pulse Oximeter	Handheld Pulse Oximeter
4.3" Touch LCD	4.3" Touch LCD	3.5" Color LCD
0.05 - 130 Mhz	0.05 - 130 Mhz	0.05 - 130 Mhz
0.5 - 40 Mhz	0.5 - 40 Mhz	0.5 - 40 Mhz
1 - 25 Mhz	1 - 25 Mhz	1 - 25 Mhz
0-100 %	0-100 %	0-100 %
±2%	±2%	±2%
±3%	±3%	±3%
unspecified	unspecified	unspecified
0.05-20%	0.05-20%	0.05-20%
25-250	25-250	25-250
Automatic Oscillometric		
Manual / Auto		
Systolic, Diastolic, Mean		
30-280		
30-230		
30-145		
10-220		
10-165		
10-105		
10-240		
10-175		
10-115		
Li-ion (4400mAh)	Li-ion (3000mAh)	Li-ion (3000mAh)
8hour	5hour	5hour
4hour	4 hour	4 hour
RJ45		
2 year	2 year	2 year

BIO SIGNAL TOTAL SOLUTION

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