



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, C.O., 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& C.O., Modular Printer
- Multiple configuration options: 4-channel IBP, CO₂, invasive C.O., Multi-gas
- Over 5 hours continuous working on battery
- 12-15V wide range DC input, suitable for ambulance
- Capable to connect with central monitoring system
- HL7 export to clinical information systems (UP TO MAX 30)
- Option for WIFI



Touch screen



Dual Screen Central monitoring station



Ultra Slim design



Smart hook/Stand design



IBP, CO, Printer module

Vital Sign Monitor



Portable design



SpO2



SpO2+NIBP



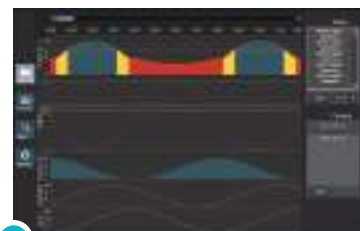
Trend Graphic

BT-720

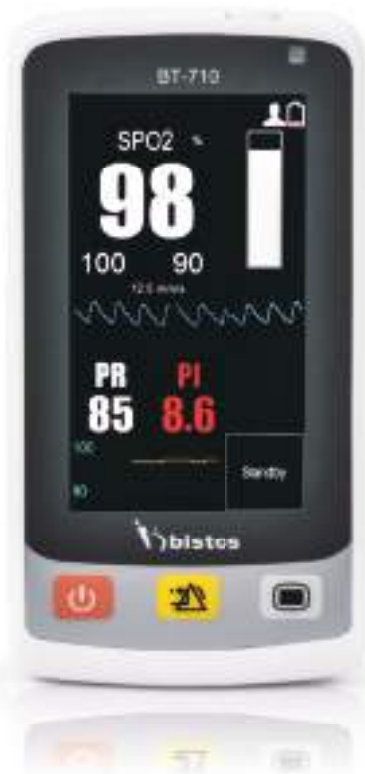
- 4.3" color touch screen
- SpO2, Pulse, NIBP, Masimo SpO2
- Short/long trend graphic / trend table display
- Audio & visual alarm, adjustable alarm limit
- Automatic brightness adjustment
- Accurate SpO2 performance during motion and low perfusion
- Perfusion Index data / bar graph display
- Pitch tone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

Time	SpO2	PR	ET	FI	awPR
01-04-2018 00:00					
01-04-2018 00:01					
01-04-2018 00:02					
01-04-2018 00:03					
01-04-2018 00:04					
01-04-2018 00:05					
01-04-2018 00:06					
01-04-2018 00:07					
01-04-2018 00:08					
01-04-2018 00:09					
01-04-2018 00:10					
01-04-2018 00:11					
01-04-2018 00:12					
01-04-2018 00:13					
01-04-2018 00:14					
01-04-2018 00:15					
01-04-2018 00:16					
01-04-2018 00:17					
01-04-2018 00:18					
01-04-2018 00:19					
01-04-2018 00:20					

Trend Tabular



PC Viewer Software

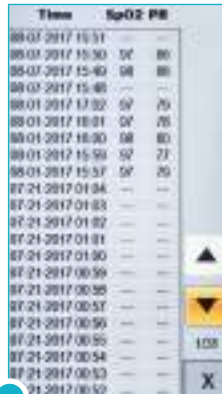


BT-710

- 4.3" color touch screen
- Handheld style
- SpO2, Pulse
- Accurate SpO2 performance during motion and low perfusion
- Specialized PC software for data review and analysis
- Over 5 hours continuous working on rechargeable lithium-ion battery
- 5V DC input with convenient Micro-USB charger
- Battery can be charged by external USB battery
- Suitable for adult, pediatric and neonate
- Option for ETCO₂



Handheld size



Trend Tabular



Protective case
(option)



Wallmount Bracket



BT-750

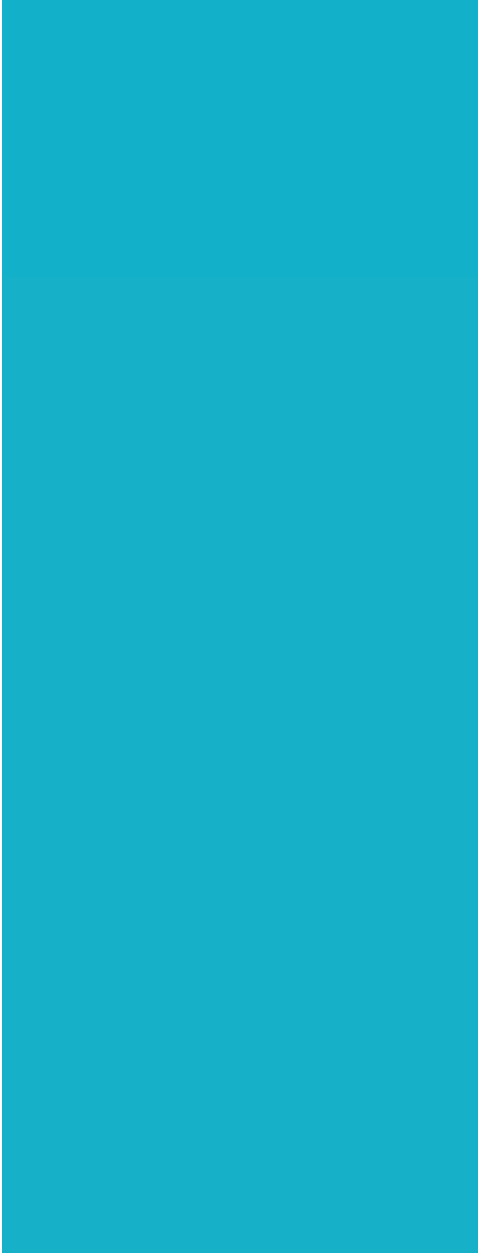
- 10.4" color TFT LCD
- ECG, Resp., SpO₂, NIBP, Temp., CO₂
- Light weight for portable use (3kg)
- 72 hours of tabular and graphic trend data
- Multi Language Support
- Rolling stand and wall mount
- Central Monitoring System

BISTOS Patient Monitor Technical Specification

Model			BT780 / 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		0.05-100Hz		
	Monitoring Mode		0.5-40Hz		
	Surgery Mode		1-25 Hz		
	Hert Rate Range (bpm)		Adult: 15-300 Pediatric/Neonate: 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%		
		Neonate	±3%		
	Accuracy (0-69%)		unspecified		
	Perfusion Index		0.05-20%		
NIBP**	Pulse Rate Range (bpm)		25-250		
	Method		Automatic Oscillometric		
	Operation Mode		Manual/Auto/STAT		
	Parameter		Systolic Diastolic, Mean		
	Systolic Range (mmHg)	Adult	30-280		
		Pediatric	30-230		
		Neonate	30-145		
	Diastolic Range (mmHg)	Adult	10-220		
		Pediatric	10-165		
		Neonate	10-105		
	Mean Range (mmHg)	Adult	10-240		
		Pediatric	10-175		
		Neonate	10-115		
Temperature**	Range		0-50cC(41 to122 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		
Multi-gas/O ₂ *			Masimo ISA/Masimo IBMA/Bistos		
SpO ₂ -Masimo *			Masimo SPO ₂		
C.O. *	Method		Thermodilution		
	Range		0.2- 20L/min		
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-750	BT-720	BT-710
Patient Monitor	Vital Sign Monitor	Handheld Pulse Oximeter
10.4" Color LCD	4.3" Touch LCD	4.3" Touch LCD
3/5 lead		
5, 10, 20mm/mV		
12.5, 25, 50		
Adult : 20 - 250		
Adult : 20 - 250		
Trans-thoracic impedance		
0-150 rpm		
6.25, 12.5, 25		
0-100 %	0-100 %	0-100 %
±2%	±2%	±2%
±3%	±3%	±3%
unspecified	unspecified	unspecified
0.05-20%	0.05-20%	0.05-20%
20-250	25-250	25-250
Automatic Oscillometric	Automatic Oscillometric	
Manual / Auto / STAT	Manual / Auto / STAT	
Systolic, Diastolic, Mean	Systolic, Diastolic, Mean	
50-255	30-280	
50-255	30-230	
30-130	30-145	
30-220	10-220	
30-220	10-165	
20-100	10-105	
40-235	10-240	
40-235	10-175	
25-120	10-115	
10-45°C (50 to 113 °F)	0-50°C (41 to 122 °F)	
T1, T2	T1, T2 and TD	
2 Channel		
-50 to 300		
Thermal dot array		
50		
50.8		
Respironics		
	Masimo SpO ₂	
Li-ion (2200mAh)	Li-ion (4400mAh)	Li-ion (3000mAh)
4 hour	8 hour	5 hour
4 hour	4 hour	4 hour
RJ45*, RS232C	RJ45, SD card slot	SD card slot
2 year	2 year	2 year



BIO SIGNAL TOTAL SOLUTION

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