



BT-770

- 12.1" 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 (option)



● Touch screen



● Dual Screen Central monitoring station



BISTOS Patient Monitor Technical Specification

Model		BT-770		
Category		Patient Monitor		
Display		12.1" Color Touch LCD		
ECG	Lead Type	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	0.5-40 Hz		
	Surgery Mode	1-25 Hz		
	Strong Mode	5-20 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%		
	Pulse Rate Range (bpm)	25-250		
NIBP**	Method	Automatic Oscillometric		
	Operation Mode	Manual /Auto /STAT		
	Parameter	Systolic, Diastolic, Mean		
	Systolic Range (mmHg)	Adult	40-270	
		Pediatric	40-200	
		Neonate	40-130	
	Diastolic Range (mmHg)	Adult	10-210	
		Pediatric	10-160	
		Neonate	10-90	
Mean Range (mmHg)	Adult	20-230		
	Pediatric	20-175		
	Neonate	20-100		
Temperature	Range	0-50°C (41 to 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)	50		
CO ₂ *	Sidestream	Masimo ISA /Bistos		
	Mainstream	Masimo IRMA/ Bistos		
Multi-gas/O ₂ *	Masimo ISA			
SpO ₂ -Masimo *	Masimo SpO ₂			
C.O. *	Method	Thermodilution		
	Range	0.2 - 20 L/min		
Battery	Type (capacity)	Li-ion (4400mAh)		
	Run Time	5 hour		
	Charging Time	4 hour		
PC Software Interface	RJ45, USB, Nursing call			
Warranty	2 year			