

PMS:3770

PATIENT MONITORING SYSTEM



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

- 15.6", 12.1", 8.4" color TFT touch screen
- ECG, Resp., SpO₂, NIBP, Temp., CO₂, (Sidestream, Mainstream)
4IBP, 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

BISTOS Patient Monitor Technical Specification

Model		BT-770		
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%		
	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		10-162		
Neonate		10-90		
Mean Range (mmHg)	Adult	20-230		
	Pediatric	20-175		
	Neonate	20-100		
Temperature **	Range	0-50c(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 IAS/Bistos		
	Mainstream	Masimo IRMA/Bistos		
Multi-gas/O ₂ *		Masimo ISA/Masimo IBAM/ Bistos		
SpO ₂ -Masimo *		Masimo SPQ		
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		

HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

Our Products & Technologies



Regulatory compliances



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Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



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2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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