



# 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., SpO<sub>2</sub>, NIBP, Temp., CO<sub>2</sub>, (Sidestream, Mainstream) 4IBP, Multi-gas, C.O., Masimo SpO<sub>2</sub>
- 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, CO<sub>2</sub>, 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
Dispaly			15.6" Color Touch Screen12.1" Color Touch Screen.8 4" Color Touch Screen
	Lead Type		3/5 Lead
	Gain Selection		x0.125, x0.25, x0.5, x1, x2, auto
ECG	Sweep Speed (mm/s)		12.5, 25, 50
	Bandwidth : Diagnostic Mode		0.05-100Hz
	Monitoring Mode		0.5-40Hz
	Surgery Mode		1-25 Hz
	3 Surgery Mode		Adult: 15-300
	Hert Rate Range (bpm)		Pediatric/Neonate: 15-350
Respiration	Method		Trans-thoracic impedance
	Measurement Range		0-120 rpm
	Sweep Speed (mm/s)		6.25, 12.5, 25
SpO <sub>2</sub>	Measurement Range		0-100%
		Adult/Pediatric	±2%
	Accuracy (70-100%)	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 <del>-2</del> 70
		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	
Temperature **	Pango	Neonate	20-100
	Range		0-50cC(41 to122)F
	Parameter  Channel		T1, T2 and TD
IBP*			2 Channel/4 Channel
	Range (mmHg)		-50 to 400
Printer *	Type Print Speed (mm/s)		Thermal dot array
	The state of the s		12.5, 25, 50
	Paper size (mm) Sidestream		50mm x 2m
CO <sub>2</sub> *			Masimo IAS/Bistos
Mainstream			Masimo IRMA/Bistos
Multi-gas/O <sub>2</sub> *			Masimo ISA/Masimo IBAM/ Bistos
SpO <sub>2</sub> -Masimo *	Method		Masimo SPQ
C.O. *	Range		Thermodilution
Battery	-		0.2- 20L/min
	Type (capacity)		Li-ion(4400mAh)
	Run Time		5hour
Charging Time PC Software Interface			4hour
			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 Maintenace 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: 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, Manufaturing, 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**



UV/VIS Spectro 2080+ Double Beam



Infra FTIR



Optima Gas Chromatograph 3007



Optima Gas Chromatograph 2979 Plus



Flash Chromatograph



Atomic Absorption Spectrophotometer



Liquid Partical Counter



Optical Emission Spectrophotometer



DSC/TGA



Semi Auto Bio Chemistry Analyzer



HEMA 2062 Hematology Analyzer



Micro Plate Reader/Washer



URINOVA 2800 Urine Analyzer



Total Organic Carbon 3800



Fully Automated CLIA



NOVA-2100 Chemistry Analyzer



PCR/Gradient PCR/ RTPCR



TOC Analyzer



Laser Particle Size Analyzer



Ion Chromatograph



Water purification system

# **Regulatory compliances**







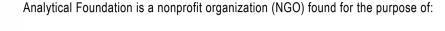








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- 2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.
- 3. ANALYTICAL FOUNDATION aims to DETOXIFY human minds, souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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