

Monitor-3008C

Multi-parameter Patient Monitor



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

Analytical Technologies Limited

An ISO 9001 Certified Company

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►► Technical Specifications

TECHNICAL SPECIFICATIONS	ECG	SpO ₂
Quality Standards and Classification CE, ISO13485 SFDA: Class II b Anti-electroshock degree: Class I equipment (internal power supply) TEMP/SpO ₂ / NIBP: BF ECG/Resp: CF	5 Leads: RA, LA, LL, RL, V Lead mode: I, II, III, AVR, AVL, AVF, V Gain: × 1.25mm/mV, 2.5mm/mV, 5.0mm/mV, 10mm/mV, 20mm/mV (error ≤ 5%) Sweep speed: 6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s (error ≤ ± 10%) Bandwidth: Surgery 1 ~ 25 Hz Monitor 0.5 ~ 40 Hz Diagnostic 0.05 ~ 130 Hz Sensitivity: >200 μ V P-P CMRR: ≥ 112dB Differential Input Impedance: >5M ohm Electrode Offset Potential: ±300mV Polarization Voltage: ≥ ± 500mV Input Impedance: ≥ 5 M Calibration Voltage: 1mV ± 5%	Measurement range: 0 ~ 100% Resolution: 1% Accuracy: 70% ~ 100% ± 2% 40% ~ 69% ± 3%
		Pulse Rate Measurement/alarm range: 20 ~ 300bpm Resolution: 1bpm Accuracy: ± 3bpm
Application Range Adult/Pediatric/Neonatal/Medicine/Surgery/ Operating Room/ICU/CCU		RESP Method: impedance between RA-LLResp Impedance range: 0.3 ~ 3 Ω Base Impedance range: 200 Ω ~ 4000 Ω Bandwidth: 0.3 ~ 2.5Hz Gain: × 0.25, × 0.5, × 1, × 2, × 4 Resp rate: Measurement Range Adult 0 ~ 120BrPM Neonatal/Pediatric 0 ~ 150BrPM Resolution: 1BrPM Accuracy: 7 ~ 150BrPM (± 2BrPM) 0 ~ 6BrPM (unspecified)Apnea Alarm: 10 ~ 40s
Display 12.1" real color TFT screen	ST Segment ST Segment Range: -2.0mV ~ +2.0mV Accuracy: 0.02mV	
Environment Operating environment : Temperature: 0 ~ 40 °C Humidity: 15% ~ 80% Pressure: 86.0 kPa ~ 106.0kPa	NIBP Method: Oscillometry Measure mode: Manual, Auto, STAT Measure interval in auto mode: 1~5/10/15/30/60/90/120/180/240/480mi n Measure period in STAT mode: 5min Pulse rate range: 40 ~ 240bpm Measure & alarm range: Adult SYS 40 ~ 280mmHg DIA 10 ~ 220mmHg MEAN 20 ~ 240mmHg Pediatric SYS 40 ~ 220mmHg DIA 10 ~ 160mmHg MEAN 20 ~ 170mmHg Neonatal SYS 40 ~ 135mmHg DIA 10 ~ 100mmHg MEAN 20 ~ 110mmHg	TEMP Channel 2 Measure & alarm range: 0 ~ 50 °C Resolution: 0.1 °C Accuracy (no sensor): ±0.1 °C(0~50 °C)
Transport and Storage environment : Temperature: -20 ~ 55 °C Humidity: 10% ~ 90% Pressure: 86.0 kPa ~ 106.0kPa		Standard accessories NIBP cuff & tube ECG cable & electrodes SpO ₂ sensor TEMP probe Lithium-ion battery Power cable Operator's manual
Power Requirements AC: 100 ~ 240V, 50Hz/60Hz DC: Built-in rechargeable battery Battery: 11.1V 24wh Li-ion battery 2h operating after full charge 5min operating after low battery alarm		Optional accessories IBP CO ₂ Nellcor SpO ₂
Dimension and Weight Equipment: 340mm × 245mm × 134 mm(about); 2.798kg(about) Package: 380mm × 350 mm × 300mm; 4.598 kg(about)	Static pressure measurement Range: 0 ~ 300mmHg Accuracy: ± 3mmHg Resolution: 1mmHg Accuracy:Max. Mean Error: ± 5mmHg Max. Standard Deviation: 8mmHg Overpressure protection: Adult 300mmHg Pediatric 240mmHg Neonatal 150mmHg	
Date Storage Trend diagram/table: 720h NIBP review: 10000 eventsWave review: 12h Alarm review: 200 alarm events Support drug concentration titration analysis		

Store & Reviewing

- ECG: 30 minutes one important lead's ECG waveform
- Alarm: 1800 groups Alarm events reviewing
- NIBP: 1000 groups NIBP measurement
- Arrhythmia: 128 groups data (8 seconds ECG waveforms) -Power
- off storage: 72 hours trend data & 1 ECG wave form(option)

IBP (option)

- Channel: 2
- Measurement Range: -50~+300mmHg
- Unit: mmHg, kPa
- Accuracy: ± 2 mmHg or 2%, whichever is greater

EtCO₂(option, Microstream)

- Range 0~19.7%(0-150 mmHg)
- Unit: %, mmHg : kP
- Respiration Rate Range 2~150 bpm

EtCO₂ (option, Mainstream)

- Range 0~19.7 %(0-150 mmHg)
- Unit: %, mmHg, kPa
- Respiration Rate Range 0~150 bpm

ECG

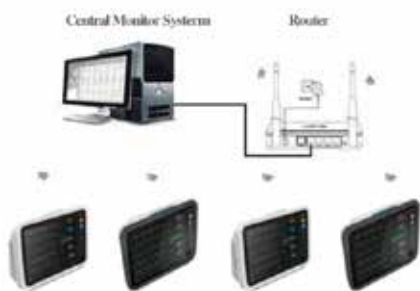
- Mode: 5-leads (standard); 3-leads or 12-leads (option) -Lead selection:
I, II, IH, aVR, aVL, aVF, V1~V6(option) -Gain: AUTO, 0.25x, 0.5x, 1.0x, 2.0x, 4.0x
- Insulation Breakdown Voltage 4000VAC 50/60Hz Sweep speed 6.25mm/s,
12.5mm/s, 25mm/s, 50mm/s
- HR Range: Adult: 10~300bpm Child & Neonate: 10~350bpm
- HR Accuracy $\pm 1\%$ or ± 1 bpm, whichever is greater

Alarm

- | | |
|---------------------------------------|-----------------------------------|
| -Three Level: Low, medium and high | Thermal Recorder (Option) |
| -Indication: Auditory and visual | -Method: Thermal dot array |
| -Setup: Default and custom | -Paper width: 50 mm (1.97 in) |
| -Silence: All alarms can be silenced | -Paper Speed: 12.5/25/50 (mm/sec) |
| -Volume: 45-85 dB measured at 1 meter | -Traces Maximum: 3 tracks |



WIFI with smart IT solutions



- Wireless integration with Central Monitoring Station
- Dynamic trends provide up to 240 hours of useful information for review
- 8 traces per monitor and 16 monitors on one screen
- View up to 32 maximum bed on one platform in real-time
- Review and manage patient data anytime and anywhere in and pre-hospita



Wall Mount



Rolling Stand

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.



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Liquid Particle
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



Corporate Social Responsibility

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



Analytical
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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.

Reach us @



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