

patient MONITOR

PM-1000E PRO

Color Display 12.1"
Pantalla a Color de 12.1"

Parameters: ECG/Resp, SpO2, NIBP, Temp.
Parámetros: ECG/Resp, SpO2, PNI, Temp.

Language: English & Spanish
Idiomas: Inglés y Español

9 Waveforms
9 Formas de Onda

72 Hours graphic trend storage
72 Horas de tiempo de tendencia

Arrhythmia Analysis, ST Segment
& Pacemaker detection
*Análisis de Arritmia, Segmento ST
y detección de Marcapaso*

Function of Oxy-CRG Analysis
Análisis de la función Oxy-CRG

Adult, Pediatric and Neonatal
Adulto, Pediátrico y Neonatal

Networkable with Central Monitoring System
Comunicación en Red con Central de Monitoreo



PM-1000E PRO PATIENT MONITOR



TECHNICAL SPECIFICATIONS / ESPECIFICACIONES TECNICAS

WORK ENVIROMENT		NIBP SPECIFICATION	
TEMPERATURE RANGE	Work Condition: 0°~45° C / 0°~113° F Storage Condition: -20°~55° C / -14°~ +130° F	MEASUREMENT METHOD	Automatic oscillating
HUMIDITY RANGE	Work at 45° C: 85% Storage at 40° C: 93%	WORK MODE	Manual / Automatic / Continuous
ELECTRICAL SPECIFICATION	AC 110/220V, 50/60Hz, Max input power 70VA DC 16V, Max input current 4A	UNIT	mmHg/Kpa optional
SCOPE	Adult, Pediatric & Neonatal	MEASUREMENT RANGE ADULT	Systolic/Diastolic/Average: 10-300mmHg Overpressure protection: dual protection (1) 300-330mmHg (delay 15s) (2) over 330mmHg (immediately)
MONITOR FUNCTIONAL SPECIFICATION		MEASUREMENT RANGE INFANT	Systolic/Diastolic/Average 10-240mmHg Overpressure protection: dual protection (1) 240-264mmHg (delay 15s) (2) over 264mmHg (immediately)
DISPLAY	12.1" High Resolution Color TFT screen	MEASUREMENT RANGE NEONATE	Systolic/Diastolic/Average 10-150mmHg Overpressure protection: dual protection (1) 150-165mmHg (delay 15s) (2) over 165mmHg (immediately)
LANGUAGE OPTIONS	English/Spanish	RESOLUTION	1mmHg
INDICATORS	9 Waveforms display Alarm indicating light External DC supply indicating light QRS sound & alarming	PRECISION	Tolerance < + 5 mmHg, less than 8mmHg
INTERFACES	Measurement parameter cable interface Power supply socket	PR RANGE	40-240bpm
ANALOG OUTPUT	Tolerance <20%, output impedance 50ohm, signal delay <30ms	SPO2 SPECIFICATION	
BATTERY	Rechargeable, maximally for 1 hour use	MEASUREMENT RANGE	0-100%
TREND TIME	1-72 hours	RESOLUTION	1%
RECORDER	Recording waveforms: Max 3 Recording width: 48mm Paper width: 50mm Paper feeding speed: 12.5/25/50 mm/s	PRECISION	±2%(70-100%); ±3%(60-70%) (no statement (below 60%))
ECG SPECIFICATION		PR AND ALARM RANGE	0-300bpm
INPUT	5 Lead cable: RA, LA, RL, LL, V Lead method: I, II, III, avR, avL, avF, V	RESOLUTION	1bpm
NUMBER OF CHANNELS	7 Channels	PRECISION	±1%
GAIN	x0.25, x0.5, x1, x2, x4, Automatic	TEMP SPECIFICATION	
HEART RATE MEASUREMENT	Adult: 15~350bpm Ped/Neo: 15~350bpm	MEASUREMENT & ALARM RANGE	0-50° C
PRECISION	1%	RESOLUTION	0.1° C
RESOLUTION	1bpm	PRECISION	±0.1° C (Circuit precision) ±0.2° C (including TEMP sensor)
SENSITIVITY	>200uV (peak-to-peak value)	NO. OF CHANNELS	2 channels, giving display of T1, T2 and ΔT
DIFFERENTIAL INPUT IMPEDANCE	over 5M ohm	INVASIVE BLOOD PRESSURE (IBP) (OPTIONAL)	
CMR	Non-filtering mode >60dB Filtering mode >80dB	MEASUREMENT RANGE	-50~300mmHg
ELECTRODE POLARIZED VOLTAGE RANGE	300mV	CHANNELS	1 or 2 Channels
LEAKAGE CURRENT	Less than 10uA	RESOLUTION	1mmHg
PROTECTION	Electric isolation: 4000VAC/50Hz voltage Defibrillation/electrosurgical unite resistant, Grid/EMG resistant	ALARM RANGE	-50~300mmHg`
BASELINE RECOVERY TIME	After defibrilation <5 seconds (under Filtering mode)	PULSE RATE RANGE	20~300bpm
SCALING SIGNAL	1mV (peak-to-peak value) Accuracy: 3%	RESOLUTION	1bpm
FREQUENCY RESPONSE (BANDWIDTH)	Filtering mode: 0.5~25Hz Non-filtering mode: 0.05~75Hz	PRESSURE NAMES	ART, PA, CVP, RAP, LAP, ICP, P1-P2 2 PB waveforms measures direct BP (SYS, DIA and MAP)
ALARM	Sound-alarm dual alarms, with review funtion	CAPNOGRAPHY (ETCO2) (OPTIONAL)	
PACING	Pacemaker works only after capturing pacing	CO2 RANGE	0-99 mmHg
RESP SPECIFICATION		ACCURACY	0-38 mmHg ±2 mmHg 39-99 mmHg ±5% of reading + 0.08% for every 1 mmHg
METHOD	RA-LL impedance method	RESOLUTION	1 mmHg
RESP MEASUREMENT	Adult: 1~150rpm Pediatric/neonatal: 1~150bpm	RESP. RANGE	0 - 150 rpm
RESOLUTION	1bpm	START-UP TIME	<1min
PRECISION	2bpm	RESPONSE TIME	240msec
DIFFERENTIAL INPUT IMPEDANCE	Over 2.5M ohm, RA-LL lead	Standard Configurations: ECG/RESP, NIBP, TEMP, SpO2, 1 Battery.	
CHOKE ALARM	10-40 seconds	Optional Configurations: IBP, Printer, ETC02	

Contact us for additional infomation.

Note: Specifications subject to change without notice.

Contáctenos para información adicional

Nota: Especificaciones sujetas a cambios sin previo aviso.



Advanced
Instrumentations

6800 N.W. 77 Court, Miami, FL 33166
Phone: 305-477-6331 • Fax: 305-477-5351
sales@advanced-inst.com

www.advanced-inst.com