

Monitor Multiparamétrico

MATRON

BPM-1010

ECG · Resp · NIBP · SpO₂ · 2IBP · 2Temp · EtCO₂

Monitor multiparametrico con pantalla táctil a color LCD. Configurable hasta 12 formas de onda.

- ECG con análisis de 13 tipos de arritmias
- Frecuencia respiratoria
- Saturación de Oxígeno
- 2 Temperaturas
- Presión no invasiva.
- Capnografía (con sistemas main stream / side stream)
- 30 días de memoria con tendencias gráficas y tabulares
- Batería recargable Li-ion con autonomía de 5 horas



DISPLAY	
Screen	10,4" color TFT LCD
Resolution	800 x 600 SVGA
Trace line	6 waveform (Std.) / 12 waveform max (Opt.) Up to wave trace on/off (3ch ECG(Std.), 12ch EKG(Opt.), SpO ₂ , 4IBP, RESP, EtCO ₂ , Multi Gas)
Parámetros (pantalla)	ECG, SpO ₂ , NBP, 4IBP, RESP, 4TEMP, EtCO ₂ , Multi Gas, ICO, HRV, OXY-CRG, APG detect analysis, ST level display, mini trend, ECG Recall, Drug Dose, Color change, Temp TD, NIBP Text trend.
EGC	
Channel	3 channels (Std.) / 12 channels EKG(Opt.)
Electrode	3 or 5 electrode (10 electrode (Opt.))
3 lead wire	I, II, III (1 lead at a time)
4 lead wire	I, II, III, aVR, aVL, aVF (Up to 6leads at a time)
5 lead wire	I, II, III, aVR, aVL, aVF, V (Up to 7leads at a time)
10 lead wire	I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6 (All 12-leads of ECG at a time)
Filter	High frequency noise remove filter (50/60Hz), Frequency Bandwidth (0.05~80Hz)
Gain	2.5, 5, 10, 20, 30, 40, Auto mm/mV
Sweep Speed	6.25, 12.5, 25, 50 mm/sec
Heart rate	0 ~ 300 bpm, ±2bpm
Input signal range	0±0.5mV ~ ±5mV
QRS Detect	0.15mV ~ 0.40mV (Manual)
Defibrillator Protection	300Joules delivered at 5000Volts
Defibrillation Artifact Recovery Time	<8s
Pacemaker Detection Mode	User selectable (PNF, PNC)
Arrhythmia Detect(13Detect)	TAC, BRD, PVC, VTAC, ASY, BGM, TGM, VENT, VFIB, CPT, TPT, MIB, Ront
ST Analysis	Rang : -9.9mm ~ +9.9mm / Resolution : 0.1mm (Lead : ECG Channel Selection same)
HR Calculation	4~16 QRS wave
RESPIRATION	
Method	Impedance for ECG Lead(selectable)
Respiration rate	0 ~ 150 bpm
Accuracy	+/- 2% or +/- 2 bpm
Lead Selection	I, II
Apnea	OFF, 10 ~ 60sec
GAIN	X0.25, X0.5, X1, X2, X4, AUTO
sweep speed	3.12, 6.25, 12.5, 25, 50mm/sec
NIBP	
Technique Pressure	Oscillometric
Measurement range	Adult : 0 ~ 300 mmHg Neonate : 0 ~ 150mmHg
NIBP venous stat	50 ~ 200mmHg
Auto Measurement Cycle	1 ~ 59 min, 1 ~ 12 hr
STAT mode	5 ~ 15 min of consecutive
With an optional port	Suntech

SpO ₂	
Probe	Finger type reusable sensor
SpO ₂ Range	0 ~ 100%
Pulse Rate	0 ~ 300 bpm
Resolution	1 %
GAIN	X0.25, X0.5, X1, X2, X4 AUTO
Sweep Speed	6.25, 12.5, 25, 50 mm/sec
Setting Time	Wave out Time : Max 2 sec SpO ₂ Percentage Display : Max 10 sec
Low Perfusion Accuracy	0.1% up to ±2 %, for readings 70 ~ 100 %
SpO ₂	±3 %, for readings 50 ~ 69 % Unspecified 0 ~ 49 %
Pulse	±2bpm, for readings 0~240bpm ±3bpm, for readings 241 ~ 300bpm
Setting Time wave out time	5 sec max (Based on 75bpm)
With an optional port	Nellcor OXI-MAX
IBP	
Channel	2(Standard), 4(Option)
Measurement range	-50 ~ 400 mmHg
Catheter	Yuta, Biosensors International
Accuracy	±1 %
Zero balance	±150 mmHg
MODE	ABP, FEM, PA, CVP, LA, RA, ICP, SP
Sweep Speed	6.25, 12.5, 25, 50mm/sec
Temperature	
Channel	2(Standard), 4(Option)
Type	YSI - 400 Serise
Measurement range	0 ~ 50.0 °C
Accuracy	±0.1°C, for readings 25.0 ~ 50.0 °C ±0.2°C, for readings 0 ~ 24.9 °C
Temp TD	Support
EtCO ₂	
Measurement Mode	Responics Mainstream/Sidestream Phasein Mainstream/Sidestream
Measurement range	0~150mmHg (kPa / %) 0-40 mmHg ± 2mmHg
Accuracy	41-70 mmHg ± 5mmHg 71-150 mmHg ± 10mmHg
GAIN	X0.25, X0.5, X1, X2, X4, AUTO
Sweep Speed	3.12, 6.25, 12.5, 25, 50mm/sec
Respiration rate	0-150 bpm / Accuracy ± 2% or ± 2 bpm