



PATIENT MONITORING

HORIZON SLIM

ECG / SPO2 / NIBP / RESP / TEMP

Key Features

- Exclusive Slim Type (only 5.5cm thickness) and remote control function
- 12.1 inch colour TFT LCD display with high resolution
- For adult, pediatrics and neonates
- Automatic freezing and ST segment analysis function
- 96 hours trend chart and alarm function
- 100 groups of VPC data of HR, Temp, Spo2 and RR of patient are stored when VPC occurs
- Storing 400 groups' data of HR, Temp, Spo2 and RR of patient are stored when NIBP measured
- Menu mouse and hotkey make operation more convenient
- Can be used with ESU (Electro Surgical Unit), defibrillator and pacemaker simultaneously

TECHNICAL SPECIFICATION

ECG	Lead Configuration:	Standard 3 Leads RA, LA, LL
	Lead Mode:	I, II, III
	5 leads cable:	RA, LA, LL, RL, and V
	Lead mode:	I, II, III, aVR, aVL, aVF, V
	Gain:	0.25, 0.5, 1, 2
	Heart rate range:	20 – 230 bpm
	Accuracy:	± 1% or ± 1bpm, choosing the greater
	Resolution:	1 bpm
	Sensitivity:	> 200 μ V
Input Impedance:	> 5M Ω	

NIBP	Measurement mode:	Intelligent Oscillation Mode
	Cuff Inflating time :	<30 sec
	Initial cuff Inflating pressure:	Adult Mode: 180mmHg Neonate Mode: 120mmHg
	Maximum Allowed Inflating Pressure:	300mmHg
	Measuring Deflating Time:	Average <90sec
	Accuracy of blood pressure:	Maximum average error \pm 5mmHg
	Maximum standard deviation:	8mmHg
	Protection of over pressure:	Adult: 300mmHg Peadriatics: 240mmHg Neonates: 150mmHg

SPO2	Sensor:	Two-wave LED
	Range:	0% - 100%
	Resolution:	1%
	Accuracy:	$\leq \pm$ 2% (70-100%), $\leq \pm$ 3% (50-69%)
	Range of Pulse rate:	20 ~ 254 beat/min
	Accuracy of Pulse rate:	\pm 1beat/min

RESP	Method:	Thoracic Impedance
	RR Measurement range:	0 – 100rpm
	Accuracy:	\pm 1rpm

TEMP	Measurement range:	20-45 $^{\circ}$ C
	Measurement unit:	$^{\circ}$ C/F selectable



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