



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 Peadriatrics: 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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