

Features - PS-2200 Series

- ◆ Simple to Operate
- ◆ Independent Lead Outputs Produce a True 12 Lead ECG Signal
- ◆ 1, 2 or 4 Invasive BP Channels
- ◆ All BP Waveforms Available on all BP Channels
- ◆ 49 Arrhythmia Selections
- ◆ Respiration & Temperature Simulation
- ◆ ECG Performance Waveforms
- ◆ Dual Graphical Displays with Backlighting
- ◆ Drop Down Choice Screens List all Options for Parameters
- ◆ Special Power Up Feature Allows User to Choose to use Default, Last or Custom Settings
- ◆ Auto Sequences for BPM, Static-Pressure Levels & Performance
- ◆ 10 AHA & European Color Coded Universal Patient Lead Connectors (with Enough Space Between Posts for the Large Diameter Connectors)
- ◆ Mini DIN Connectors Compatible with Standard BP Cables (Optional Mini DIN-M to DIN-F Cable Adapter)
- ◆ % Battery Life & Low Battery Indicator
- ◆ Powered by Two 9V Batteries or Optional Battery Eliminator
- ◆ Full Remote Operation via RS232
- ◆ Flash Programmable, Field Upgradeable

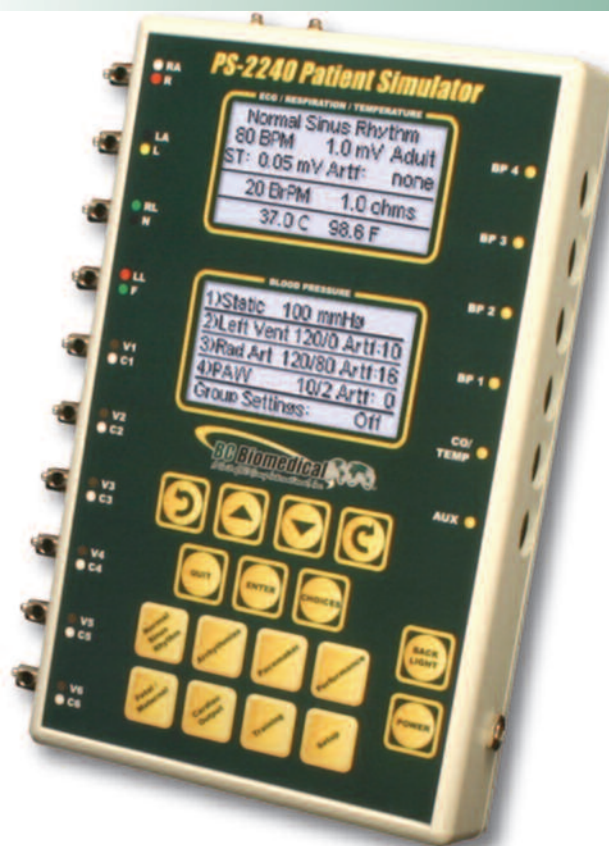
Optional

- ◆ SpO₂ Simulation
- ◆ Cardiac Output
- ◆ Fetal/Maternal Output
- ◆ Remote PSR-2200
- ◆ Battery Eliminator

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PATIENT SIMULATORS

BC Biomedical PS-2200 Series



The PS-2200 Multi-Parameter Patient Simulator Series is the most comprehensive, easy to use simulator on the market. These new portable simulators are intuitive to use since there are NO MORE CODES to enter.

Each model provides ECG, Blood Pressure, Respiration and Temperature Simulation. Models are available with one, two or four independent blood pressure outputs. All models are capable of utilizing the Fetal/Maternal, SpO₂, Cardiac Output and PSR-2200 Remote options.

The PS-2200 Series makes viewing and selecting the desired waveforms and parameters quick and intuitive. All operational information is available at the same time on two cursor-based graphic displays, allowing for easy maneuvering through parameters and scrolling through available options.



BC Biomedical PS - 2200 Series

SPECIFICATIONS

	ECG Functions		Temperature
Rate	30 to 300 BPM	Simulation Selections	YSI 400 Series & 700 Series 0, 24, 30, 35, 37, 40, 42° C
Amplitude	.05 to 5 mV (Lead II)		
S-T Segment Elevation	±.05 to .8 mV		
Artifacts	50 Hz, 60 Hz, Muscle, Baseline Wander, Respiration		
QRS Interval	Adult (80 mS) or Pediatric (40 mS)		
	Arrhythmia Functions		Blood Pressure
Arrhythmias	49 different	Static	-10 to 400 mmHg
General Groups	Supraventricular, Premature, Ventricular, Conduction	Dynamic Waveforms	8
Triggering	Manual & Automatic	Respiration Artifact	0 to 16 mmHg
	Pacemaker Functions	Sensitivity	5 uV/V/mmHg & 40 uV/V/mmHg
Waveforms	Atrial, Pacer, Asynchronous, Non-Capture, Non-Function, Demand – Occasional, Demand – Frequent, AV - Sequential	Swan-Ganz Simulation	Yes
Pulse Height	1 to 10 mV	Preset Static Groups	7 (Model PS-2240 Only)
Pulse Width	0.1 to 2 mS		
	EGG-Performance Functions		Training
Sine	0.1 to 100 Hz	Timer	Manual, 10, 15, 20, 25, 30 Sec
Square	0.125, 2 Hz	Randomizer	Off, On
Triangle	2, 2.5 Hz	Arrhythmias	All, Subset
Pulse	30, 60, 120 BPM; 60 ms Width		
Amplitude	.05 to 5 mV (Lead II)		
Automatic Mode	Yes		
R Wave Rate	30, 60, 80, 120, 200, 250 BPM		
R Wave Width	8 to 200 mS		
R Wave Amplitude	.05 to 5 mV (Lead II)		
	Respiration		
Rate	15, 20, 30, 40, 60, 80, 100, 120 BrPM		
Baseline Impedance	500 to 2000 ohms		
Lead	LA or LL		
Delta Impedance	0.1 to 3 ohms		
Apnea	12, 22 & 32 Sec Plus Continuous		
			Fetal/Maternal (Option)
			Fetal Heart Rate 60 to 240 BPM
			IUP Period (Auto) Single Contraction (Manual), 2, 3, 5 MIN
			Fetal Heart Rate (During Contraction) Uniform Deceleration, Early Deceleration, Late Deceleration, Uniform Acceleration
			SpO₂ Simulation (MSP-2100 & FingerSim™ Req'd.)
			Rate 30 to 300 BPM
			SpO ₂ Output 80, 90, 97%
			Cardiac Output (Option)
			Injectate Temp 0, 24° C
			Injectate Flow 2.5, 5, 10 L/MIN
			Other Outputs Faulty - Injectate, Left-to-Right Shunt, Calibrated Temperature Pulse
			Remote (Option)
			Fully compatible with PSR-2200

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