

Product Overview

The Biobeat patch accurately measures parameters while in motion, with the added value of being comfortable and non-restrictive, and a user-friendly application in which all data is gathered. It is suitable for physicians, health care workers, and patients of all ages, using both IOS and android systems.

Specifications

Parameter	Effective Range	Accuracy	Unit
Respiratory Rate	0 to 40	±2	Respirations per minute
Saturation	40 to 100	±2%	%
Heart Rate	35 to 250 BPM	±3%	Beats per minute
Heart Rate Variability	0 to 30	±2%	%
Blood Pressure	Sys: 60 to 300; Dias: 40 to 150	Sys & Dias ±3mmHg or ±2% of reading (whichever is greater)	mmHg
Pulse Pressure	10-60	±5%	mmHg
Stroke Volume	20-130	±10%	mL/beat
Cardiac Output	1.5-13	±10%	L/min
Cardiac Index	1.5-6	±10%	L/min
Systemic Vascular Resistance	250-2400	±10 %	dynes-sec/cm ⁻⁵
Skin Temperature	20- 45	±0.3°C	°C
Power requirements	Voltage Regulated 3.3V +10%. Ripple: less than 1%		
	Average current: 4mA		
	Peak current: 100mA for 50us every 16ms		
Mechanical Overall dimensions	35X35X10 mm		
Weight	1.05 oz. (30.0 gr)		
Environmental	Operating temperature 0 to 42°C (32 to 107°F)		
	Storage temperature -20 to 70°C (-40 to 158°F)		
	Humidity Up to 95% non-condensing		
ECG	One Lead ECG		



- Disposable patch for single-use
- Long battery life – up to 5 days
- PPG Technology
- Unique IP protected hardware and algorithms
- Local processing
- Real time measurements
- Transmission of data through Wi-Fi, BT