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TechPatient
CARDIO 



Cardiac Simulation

The *TechPatient CARDIO* ECG simulator stands among its competitors for generating realistic cardiac waveforms, an advantage that gives you the certainty that any test conducted with this simulator will be repeatable with a human patient.

Twelve leads ECG simulation is suitable to test modern diagnostic equipment, including waveform recognition devices.

Advanced Analysis

Using the *TechPatient CARDIO* simulator you will also be able to test the noise filtering systems and beat rate measurement functions of the diagnostic device under test.

To perform noise testing, multiple real life noise sources are included. You can select between line noise (related to poor ground connections), base line wandering (related to poor electrode conductivity), muscle tremor, power supply noise and more.

The beat rate setup function combines the selection of an arbitrary rate with the addition of beat to beat variability, a key performance testing to make sure diagnostic devices operate properly under critical conditions.

Technical Specifications

Waveform	ECG, Sine, Triangular, Square, Pulsed and DC
Beat Rate	30 BPM to 240 BPM 0% to 20% deviation
Frequency	1/8Hz to 100Hz
Noise Sources	Line, Ripple, Random, Baseline W., Tremor
Amplitude	0.5mV, 1mV, 2mV, 4mV 0% to 20%* deviation
Leads	12 (Snap / Banana / Pin)
Hi-Signal Output	200x Lead II plus DC
Output Impedance	2200 unipolar
Power Source	Standard 9V Battery
Product Size	150mm x 90mm x 26mm
Package Weight	400gr





New Features in TechPatient CARDIO Version 2



Biopotential multi-connectors

The new multi-connectors give the simulator enhanced compatibility, enabling its connection to 4mm snap, 4mm banana and 2mm pin patient cables. You'll no longer need expensive adapters that degrade reliability and performance.

Neoprene travel holster

The new Neoprene travel holster protects the simulators from shocks and moisture while easing its transport. Its flexible structure helps you carry cables or even a spare battery. Attach it to your belt to have your simulator at hand every time you need it.



Retail box for global market

The new retail product box enables our customers to resell the simulator in the US and other global markets. It includes the UPC product barcode, FCC exemption declaration and an eye-catching graphic design that will help you boost your sales.