

Technological Advancements in ECG Systems and Benefits to Healthcare Professionals

The electrocardiogram (ECG) test is one of the most common and vital tests in all of medicine. ECG systems are extremely useful not only in diagnosing various heart conditions but in also producing quick results. While conventional ECG systems served the TQT studies well in the past, there were many limitations for their use in the growing demands of the industry to speed up the trials and save cost. Modern-day digital ECG or EKG systems are quite different from the conventional 12-lead ECG systems, which generally had a keyboard, an LCD screen or touch screen, and a printer. They are much more advanced and allow the ECG to connect to a laptop computer, thus eliminating the need for a keyboard and LCD screen. They make the ECG systems much more compact and portable.



Features of New Generation ECGs

The latest systems come with various handy features, such as **Bluetooth**, which allows operators to connect them to a computer or tablet, further eliminating the need for a USB cable connection. The systems are cloud-connected with iOS or Android mobile devices for a centralized management in a HIPAA compliant cloud server. One of the major issues with the conventional ECG systems was electrodes and leads cables. There were 10 individual electrodes and 10 lead cables (V1, V2, V3, V4, V5, V6, RA, LA, RL, LL), which used to make the procedure of conducting a 12-lead ECG test very complicated. Also, the systems required a trained technician or nurse to do the test. Either the technician had to visit the study subject's home or the subject was scheduled to a site for a technician to do the test. The advanced EKG systems have significantly sped up clinical trials and saved costs by enabling site-less trials. More importantly, the electrodes and lead cables have been simplified enough to allow even laymen to conduct an ECG test without the need for a technician.

Upgrading to a better technology is important to ease up various tasks, increase efficiency, and ensure faster turnaround times. If you are a healthcare professional still using the outdated 12-lead systems with keyboards and printers, it's time for you to make a change and upgrade to the new, feature-loaded **ECG systems**. They are smart, easy to learn, durable, reliable, EMR compatible with an unlimited database, and perform tests while saving money.

Send an inquiry to a cardiology diagnostic device seller and inquire about ECG systems. To improve accuracy, get real-time patient diagnostic information, enhance your efficiency and send your diagnosis to the proper healthcare provider in a timely way use PC-based Resting ECG Systems today!

What are you waiting for? [Request a demo today!](#)

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About Nasiff

Founded in 1989, Nasiff Associates is a medical technology company and leader in diagnostic cardiology medical devices including ECG/EKG devices and systems. The first company to produce a clinically useful PC-based CardioResting™ ECG, PC-based CardioStress™ (Stress ECG), CardioHolter™ (Monitor), CardioSuite® ECG System (all-in-one cardiology system consisting of Resting, Stress and Holter) and CardioVitals™. All products are developed and manufactured in the USA to maintain top quality control and unsurpassable customer care. All systems come complete with the Cardio Universal EMR Interface™. More information about Nasiff products can be found at www.nasiff.com.