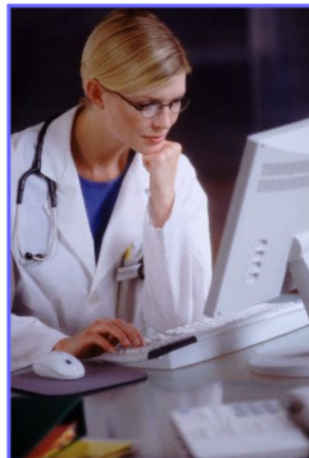


# Why do we recommend PC-based ECG systems?

PC-based resting ECGs have several advantages compared to conventional ECG systems using thermal paper:

- **Digital data storage:** as opposed to conventional ECGs, thousands of records can be stored while taking up minimal space
- **Cost-efficient operation:** it is possible to save costs by storing data digitally and printing records on regular paper rather than more expensive thermal paper
- **Simple patient database management:** patient databases can be conveniently viewed on a screen rather than having to file through patient cards
- **Filters:** we can use several filters when searching for a patient's record, which saves time in the administration process
- **Reliable data storage:** The record does not fade or crinkle unlike conventional ECG records
- **Record mobility:** The record can be easily copied, uploaded to a portal or sent via email



- **Compatibility:** It is possible to store the records in various file formats (jpg, pdf, etc.)
- **Hospital information systems:** The software is compatible with DICOM, GDT, and MFER information systems (HL7 in progress)
- **Customizable views:** a computer screen is a perfect means to display the different ECG channels, and we can also:
  - Switch channels on and off
  - Set paper speed and amplitude
  - Set the median's size
- **Enclose doctor's diagnosis:** unlike in the case of conventional ECG devices, here it is possible to add a diagnosis to the record itself
- **Automatic interpretation:** the doctor only needs to check the automatic interpretation of the software, which makes the diagnostic process shorter and easier



While PC-based ECGs have found favor with several doctors and clinics, our leaflet would not be complete without mentioning the system's disadvantages arising from computer usage:

- **Since the computer is essential for the system's operation,**
- the system is less mobile than a conventional ECG device;
- purchasing the computer and the printer for the PC-based system will be more expensive than using a conventional ECG device (however, if you already have a computer, PC-based ECG systems are the cheaper solution);
- it requires basic IT-literacy (knowledge to install and update a software, etc) ;
- there are several potential sources of error (the PC forms integral part of the system, if it breaks down the ECG cannot be used on its own).



To conclude, we are certain that the PC-based ECG systems of Labtech Ltd. will not disappoint you. Our top priority in engineering our software has been to create a product which is easy to use and provides valuable support to doctors in their work by all possible means.

***Should you wish to get more information about our products, do not hesitate to contact us.  
Contact details:***



**LAB  
TECH**  
Labtech ECG Systems  
**WWW.LABTECH.HU**

**Mail:** Labtech Ltd., Hungary  
4031 Debrecen, Vág street 4.  
**Phone:** +36-52-310-128  
**Fax:** +36-52-412-023  
**Email:** medical@labtech.hu

