

VIKAMED Digital Electrocardiograph VK-iE 3

Product Name : VIKAMED Digital Electrocardiograph
Merk : Vikamed
Types of Products : VK-iE 3

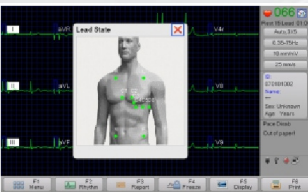


Keunggulan

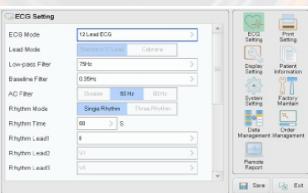
- Streamlined workflow, new operating experience
- Human voice reminder and visual alarming for loose lead attachment, noise interference and so on
- Support common settings saving, flexible to change in different situations for physicians
- Up to 5000 files (ECG format) local storage capacity



- Unique ECG data acquisition box with independent lead wires is better in signal quality, easier in operation and less cost in maintenance



- On screen operation guide lead the ECG procedure



- New sub menu design, fewer steps from starting to finishing, more efficient and speedy in operation
- The sensitivity and specificity of QRS detection and analysis are up to 99%
- Up to 300 second of rhythm analysis enables doctors for find arrhythmia easier
- Applied the minnesota code
- Complete digital filters and self adapting filtering guarantee noise elimination without waveform distortion

Spesifikasi

- Acquisition mode : Simultaneous standard 12-lead
- Sampling rate : 8,000 samples/second/channel
- Polarization Voltage : $\pm 550\text{m}$
- Time Constant : $\geq 3.2\text{ s}$
- Common mode rejection : $>110\text{dB}$ (AC filter on)
: $>100\text{dB}$ (AC filter off)
- Frequency response : 0.05Hz - 250Hz
- Noise level : $\leq 15\ \mu\text{Vp-v}$
- Sensitivity : Eight levels as (1.25, 2.5, 5, 10, 20, 10/5, 20/10) mm/mV Auto Gain, Gain accuracy $\pm 3\%$
- Input CIR current : $\leq 0.1\ \mu\text{A}$
- Patient leakage current : $< 10\ \mu\text{A}$
- Standard Sensitivity : 10 mm/mV $\pm 2\%$
- Sensitivity threshold : 20 $\mu\text{Vp-v}$
- Calibration voltage : 1 mV $\pm 5\%$
- A/D Shift : 24 bit
- Heart rate range : 30~300 bpm
- Alarm prompt : Lead-off detection, lead overflow, AC interference, baseline wander interference, EMG interference
- Acquisition time : 10~24 seconds
- Display screen : 7 inch TFT LCD
- Data storage : ≥ 3500 ECG files
- Data format : ECG, XML, JPEG, DICOM, PDF
- Battery : Rechargeable Lithium battery 14.8V/2200mAh for 3-hour continuous operation

