

# VIKAMED Digital Electrocardiograph VK-iE 12A



Product Name : VIKAMED Digital Electrocardiograph  
Merk : Vikamed  
Types of Products : VK-iE 12A

## Keunggulan

- 0.05Hz - 0.8Hz adjustable high pass filter with baseline drift auto compensation
- Exclusive analysis module for pediatrics ECG data with 250Hz low-pass filter
- Auto trigger printing when arrhythmia is detected under trigger mode
- Prompt for extending printing
- Up to 300 seconds R-R analysis for easier arrhythmia locating with 1 or 3 rhythm leads
- Report provides R-R trend and histogram for clinical reference
- Up to 300 seconds of uninterrupted 12-lead frozen waveforms for intermittent arrhythmia analysis
- Selectable any 10 seconds for a report
- Cabrera mode available to orientate the original position of myocardial ischemia
- Identify pacemaker types and working status through ECG analysis
- Three kinds of level for various pacemaker types : weak, normal, enhance
- Measure automatically duration and amplitude QRS

## 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 : 9 inch TFT LCD
- Data storage :  $\geq 3500$  ECG files
- Data format : ECG, XML, JPEG, DICOM, PDF
- Battery : Rechargeable Lithium battery 14.8V/ 4400mAh for 3-hour continuous operation

