



VE-1010 Veterinary PC ECG

Features:

- Integrated data sampling module and software, economical ECG solution for veterinaries
- Simultaneous 6/7 leads acquisition and recording
- Auto/Manual measurement
- Report on general printing paper
- Multi-formats report: PDF, WORD, and JPG
- Report transmission via e-mail to realize teleconsultation
- Complete report archives of patient information and ECG waveforms

Solution

PC-based Veterinary ECG VE-1010 includes a precise data sampling module and a suite of powerful PC software, and ECG data can be transmitted to PC via USB port, which offers an integrated veterinary ECG system for ECG diagnostic screening, surgical monitoring and routine check.

With PC, the ECG data will be displayed on PC screen, and be recorded automatically for archiving, recalling, measurement and teleconsultation as a step toward going paperless.



Multi-formats report

Auto/Manual measurement

Convenient database

ECG monitoring

VE-1010 Veterinary PC ECG



Technical specifications:

VE-1010	
Dimensions	148mm (L) × 100 mm (W) × 40mm (H)
Weight	210g approx.
Connection with PC	USB Port
Power supply	ECG Sampling Box Power Supply: DC 5V
Input circuit	Floating input circuit, protection from defibrillation
Lead	Standard 6/7 leads
Acquisition Mode	6/7 leads simultaneously
Sampling rate	1000HZ
A/D resolution	12 bits
Input voltage range	± 5mVpp
Time constant	> 3.2s
Frequency response	0.05Hz ~ 150Hz
Calibration voltage	1mV ± 2%
Sensitivity	0.625, 1.25, 2.5, 5, 10, 20 ,40 (mm/mV)
Recording speed	5, 10, 12.5, 25, 50 (mm/s)
Input impedance	50MΩ (10Hz)
Input circuit current	< 50nA
Noise level	<15 μVp-p
Patient leakage current	< 10 μA (220V-240V)
Patient auxiliary current	<0.1 μA (DC)
Filters	EMG filter 25Hz/35Hz/45Hz/off Baseline drift filter (patent pending) :strong/weak/off Lowpass filter 150Hz/100Hz/75Hz AC filter 50 Hz/60Hz/off
CMRR	> 110dB

PC requirement:

Operation system	Windows2000 or Windows XP
CPU	Pentium P4, Celeron D 310 or above
RAM	256MB or above
HDD	40G or above
Interface	At least 2 USB ports free



EDAN INSTRUMENTS, Inc.

3F-B, Nanshan Medical Equipments Park, Nanhai Rd 1019#, Shekou, Nanshan, Shenzhen, 518067 P.R. China
 Tel: 86-755-2689 8326 Fax: 86-755-2689 8330 www.edan.com.cn Email: info@edan.com.cn

