






# VE-1010 Veterinary PC ECG

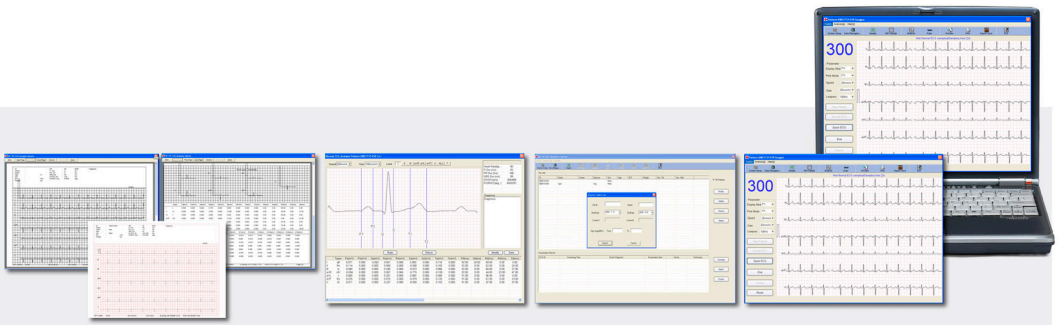
## *Features:*

- 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 | < 10μA (220V-240V) |
| Patient auxiliary current | <0.1μA (DC) |
| Filters | EMG filter 25Hz/35Hz/45Hz/off<br>Baseline drift filter (patent pending):strong/weak/off<br>Lowpass filter 150Hz/100Hz/75Hz<br>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 |

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