



VET ECG

Series Veterinary Electrocardiograph

	VE-100 Single Channel ECG	VE-300 Three Channel ECG
Input Circuit	Floating input circuit, protection from defibrillation and pace maker	
Lead	Standard 7 leads	
Acquisition Mode	Single	7 leads simultaneously
A/D Converter	12 bits	
Measurement Range	± 5mVpp	
Time Constant	> 3.2s	
Frequency Response	0.05Hz ~ 150Hz	
Calibration Voltage	1mV ± 3%	
Sensitivity	2.5, 5, 10, 20 (mm/mV)	
Input Impedance	> 10MΩ	> 50MΩ
Input Circuit Current	< 50nA	
Noise Level	<15 μVp-p	
Anti Baseline Drift	Automatic	
Patient Leakage Current	< 10 μA (220V-240V)	
Patient Auxiliary Current	<0.1 μA (DC)	
Filter	EMG Filter 35Hz (-3dB) AC/DFT Filter 50 Hz/60Hz (-20dB)	EMG Filter 25Hz/35Hz/45Hz /OFF DFT Filter 0.05/0.15/0.25/0.5Hz Lowpass Filter 150Hz/100Hz/75Hz AC Filter 50 Hz/60Hz
CMRR	>90dB	>100dB
Recording Mode	Auto/Manual	Auto/Manual/Rhythm/OFF/USBPRT
Rhythm Lead	Any lead selectable	
Safety Standard	IEC I/CF	
Power Supply	AC: 100V-115V/220V-240V, 50/60Hz Built-in rechargeable Li-ion battery: voltage=14.4V More than 3 hrs continuously operation under battery supply	
Recorder	Thermal printer	
Record Paper	50mm x 30m	80mmx20m
Paper Speed	25mm/s, 50mm/s (± 3%)	5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s 50mm/s (± 3%)
Dimension	300mm x 260mm x 75mm	
Weight	2.3kg (with battery)	2.5kg (with battery)
Display	192 x 64 pixels LCD	192 x 64 pixels LCD
External Input/Output	Input: > 100 kΩ ; Sensitivity 10mm/V ± 5% Output: < 100 Ω; Sensitivity 1V/mV ± 5%	
Communication Interface	RS232	Ethernet, RS232, USB



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veterinary use only



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ENG-ECG-VE100&VE300-V1.0-20090305

VE-300 Three-Channel ECG



- Portable, lightweight design
- LCD display waveforms, parameters configurable
- Easy to observe weak ECG signals even for feline
- 7 Leads simultaneous acquisition
- High-resolution thermal printing
- Built-in rechargeable Li-ion battery, AC/DC supply
- Automatic ECG parameters measurement

- Complete digital filtering, resisting baseline drift, AC, EMG interference
- Automatic baseline adjustment
- Lead-off detection and alert
- Multiple report formats, recording speeds and copy function

- 7 leads printing by external jet-printer for A4-sized paper
- 120 ECGs internal storage
- ECG data can be reviewed and managed on Smart ECG Viewer (Option)



VE-100 Single Channel ECG

- Complete digital design
- LCD display waveforms, parameters configurable
- High-resolution thermal printing
- Built-in rechargeable Li-ion battery, AC/DC power supply
- Well designed membrane keyboard

- Input/Output and RS-232 port
- Digital filtering, resisting baseline drift, AC and EMG interference
- Automatic baseline adjustment
- Auto/manual work mode
- Lead-off detection and alert

