



VE-100/VE-300

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	Single lead	7 leads simultaneously
A/D Converter	12 bits	
Measurement Range	± 50000	
Time Constant	≥ 5s	
Frequency Response	0.05Hz - 150Hz	
Calibration Voltage	1mV ± 3%	
Sensitivity	2.5, 5, 10, 20 (mm/mV)	
Input Impedance	> 10MΩ	> 50MΩ
Input Circuit Current	< 50μA	
Noise Level	< 15 μV-p	
Anti Baseline Drift	Automatic	
Patient Leakage Current	< 10 μA (20PF-340V)	
Patient Auxiliary Current	≈ 0.1 μA (DC)	
Filters	EMG Filter 35Hz (-3dB) AC/DFT Filter 50Hz/50Hz (-20dB)	EMG Filter 25Hz/35Hz/45Hz/ACFF DFT Filter 0.15/0.15/0.25/0.5Hz Loopless Filter 150Hz/100Hz/75Hz AC Filter 50 Hz/50Hz
CNR	> 100dB	
Recording Modes	Auto/Manual	Auto/Manual/Rhythm/24h/24hPRT
Rhythm Lead	single lead selectable	
Safety Standard	IEC / ICF	
Power Supply	AC: 100V-115V/220V-240V, 50/60Hz Reel-in-rechargeable Li-ion battery More than 3 hrs continuous work under battery supply	
Thermal Resistor	Thermal dot array, 8 dots/line vertical	
Recording Paper	50mm x 20m 80mmx20m	
Recording Speeds	25mm/s, 50mm/s (± 3%)	5mm/s, 8.25mm/s, 10mm/s, 12.5mm/s, 25mm/s 50mm/s (± 3%)
Dimension	300mm x 200mm x 75mm	
Weight	2.8kg (with battery)	2.5kg (with battery)
Display	192 x 64 dots LCD 192 x 64 dots LCD	
External Input/Output	Input > 100 kΩ ; Sensitivity 10mm/V ± 3% Output < 100 Ω ; Sensitivity 1V/mV ± 3%	
Communication Interface	RS232	Ethernet, RS232, USB



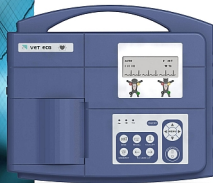
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EDAN

VE-100/VE-300

Veterinary Electrocardiograph



Veterinary use only

VE-300 Three-Channel ECG



- Portable, lightweight design
- LCD display waveforms, parameters configurable
- Easy to observe weak ECG signals even for offline
- 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

