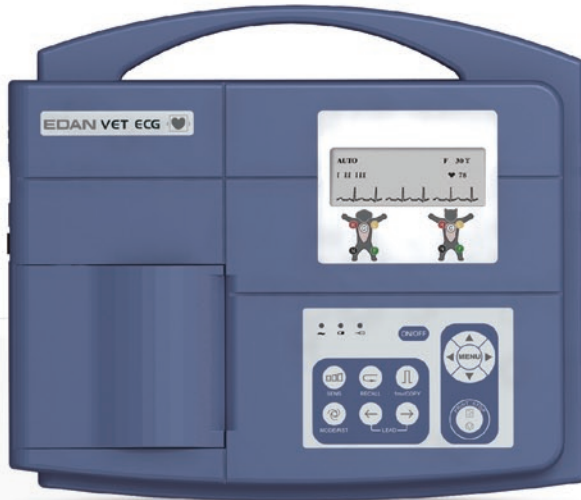


EDAN

VE-100/VE-300 Veterinary Electrocardiograph



VE-300 Three-Channel ECG

- Complete digital and portable design
- Vivid waveform display
- Built-in rechargeable Li-ion battery, AC/DC power supply
- Auto/Manual work mode selectable
- Lead-off detection and display
- Complete digital filtering, resisting baseline drift, AC and EMG interference
- Baseline automatically adjustable to optimize printing position
- High-resolution thermal printing
- Communication interface: Ethernet/RS232/USB
- PC-based ECG data management software (optional)

VE-100 Single-Channel ECG

- Single-channel ECG
- Complete digital and portable design
- Vivid waveform display
- Built-in rechargeable Li-ion battery, AC/DC power supply
- Auto/Manual work mode selectable
- Lead-off detection and display
- Complete digital filtering, resisting baseline drift, AC and EMG interference
- Baseline automatically adjustable to optimize printing position
- High-resolution thermal printing

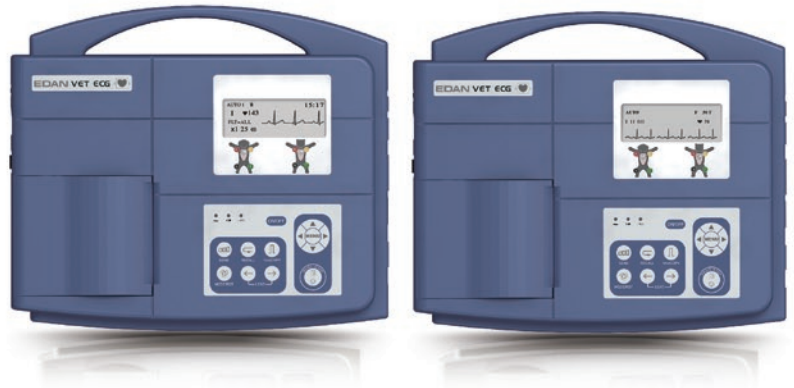


Care for Health

VE-100/VE-300

Single/Three-channel ECG

Veterinary Electrocardiograph



	VE-100 Single Channel ECG	VE-300 Three Channel ECG
Input Circuit	Protection from defibrillation	
Lead	Standard 7 leads	
Acquisition	Single lead	7 leads simultaneously
A/D Resolution	12 bits	
Measurement Range	±5 mVpp	
Time Constant	≥3.2 s (0, ±20%)	
Frequency Response	0.05 Hz~150 Hz	
Calibration Voltage	1 mV ±3%	
Sensitivity	2.5, 5, 10, 20 (mm/mV)	
Input Impedance	≥10 MΩ	≥50 MΩ
Input Circuit Current	≤50 nA	
Noise Level	≤15 μVp-p	
Anti Baseline Drift	Automatic	
Patient Leakage Current	≤10 μA (220 V~240 V)	
Patient Auxiliary Current	≤0.1 μA (DC)	
Filters	EMG Filter: 35 Hz (-3 dB) AC/DFT Filter: 50 Hz/60 Hz (-20 dB)	EMG Filter: 25 Hz/35 Hz/45 Hz/OFF DFT Filter: 0.05/0.15/0.25/0.5 Hz Lowpass Filter: 150 Hz/100 Hz/75 Hz AC Filter: 50 Hz/60 Hz
CMRR	>90 dB	≥110 dB
Recording Modes	Auto/Manual	Auto/Manual/Rhythm/OFF/USBPRT
Rhythm Lead	single lead selectable	
Safety Standard	IEC 1/CF	
Power Supply	AC: 100 V-115 V/220 V-240 V, 50/50 Hz Built-in rechargeable Li-ion battery More than 3 hrs continuous work under battery supply	
Thermal Recorder	Thermal dot array, 8 dots/mm vertical	
Recording Paper	50 mm x 30 m	80 mm x 20 m
Recording Speeds	25 mm/s, 50 mm/s (±3%)	5 mm/s, 6.25 mm/s, 10 mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s (±3%)
Dimension	300 mm x 260 mm x 75 mm	
Weight	2.3 kg (with battery)	2.5 kg (with battery)
Display	192 x 64 dots LCD	
External Input/Output	Input: ≥100 kΩ; Sensitivity 10 mm/V ±5% Output: ≤100 Ω; Sensitivity 1 V/mV ±5%	
Communication Interface	RS232	Ethernet, RS232, USB

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