

VE-300

Veterinary Electrocardiograph



- Complete digital and portable design
- Vivid waveform display
- Built-in rechargeable Li-ion battery
- 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)



Swift Series Plus

Specifications



Three Channel ECG	
Input Circuit	Protection from defibrillation
Lead S	standard 7 leads
Acquisition	7 leads simultaneously
A/D Resolution	12 bits
Measurement Range +	±5mVpp
Time Constant >	±3.2s
Frequency Response	0.05Hz ~ 150Hz
Calibration Voltage 1	mV ±3%
Sensitivity 2	.5, 5, 10, 20 (mm/mV)
Input Impedance	≥50m
Input Circuit Current >	±50nA
Noise Level >	±15μVp-p
Anti Baseline Drift A	automatic
Patient Leakage Current	≤10μA (220V~240V)
Patient Auxiliary Current <	±0.1μA (DC)
Filters	EMG Filter: 25Hz/35Hz/ 45Hz/OFF DFT Filter: 0.05/ 0.15/0.25/0.5Hz Lowpass Filter: 150Hz/100Hz/75Hz AC Filter: 50Hz/ 60Hz
CMRR	>100dB
Recording Modes A	Auto/M anual/Rhythm/OFF/USB/PT
Rhythm Lead	single lead selectable
Safety Standard I	EC I/CF
Power Supply M	AC: 100V ~115V/220V-240V, 50/50Hz 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	80mm x 20m
Recording Speeds	5mm/s, 6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s (±3%)
Dimension	300mm x 260mm x 75mm
Weight 2	.5kg (with battery)
Display	192 x 64 dots LCD
External Input/Output I	Input: ≥100k ; Sensitivity 10mm/V ±5% Output: ≤100 ; Sensitivity 1V/mV ±5%
Communication Interface	Ethernet, RS232, USB