

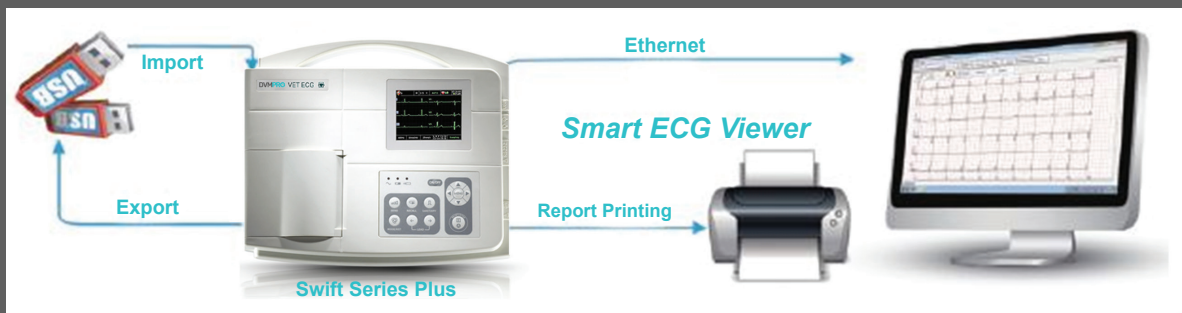


Swift Series Plus VETERINARY ELECTROCARDIOGRAPH



Swift Series Plus 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)



Swift Series Plus

Three-Channel ECG

VETERINARY ELECTROCARDIOGRAPH



Three Channel ECG

Input Circuit	Protection from defibrillation
Lead	Standard 7 leads
Acquisition	7 leads simultaneously
A/D Resolution	12 bits
Measurement Range	$\pm 5\text{mVpp}$
Time Constant	$\geq 3.2\text{s}$
Frequency Response	0.05Hz ~ 150Hz
Calibration Voltage	1mV $\pm 3\%$
Sensitivity	2.5, 5, 10, 20 (mm/mV)
Input Impedance	$\geq 50\text{m}\Omega$
Input Circuit Current	$\geq 50\text{nA}$
Noise Level	$\geq 15\mu\text{Vp-p}$
Anti Baseline Drift	Automatic
Patient Leakage Current	$\leq 10\mu\text{A}$ (220V~240V)
Patient Auxiliary Current	$\leq 0.1\mu\text{A}$ (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	Auto/Manual/Rhythm/OFF/USBPRT
Rhythm Lead	single lead selectable
Safety Standard	IEC 1/CF
Power Supply	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 ($\pm 3\%$)
Dimension	300mm x 260mm x 75mm
Weight	2.5kg (with battery)
Display	192 x 64 dots LCD
External Input/Output	Input: $\geq 100\text{k}\Omega$; Sensitivity 10mm/V $\pm 5\%$ Output: $\leq 100\Omega$; Sensitivity 1V/mV $\pm 5\%$
Communication Interface	Ethernet, RS232, USB