

VETERINARY ECG - 1 OR 3 CHANNEL

- 33305 VE-100 - 1 channel ECG
- 33306 VE-300 - 3 channel ECG
- 33336 ECG-Viewer software (GB, IT, FR, ES, RU, PT, PL, TU) for 33306

- complete digital design
- LCD display waveforms, parameter configuration
- high resolution thermal printer
- built in rechargeable Li-Ion battery for 6.5 hours use (AC/DC supply)
- complete digital filter, avoid baseline drift, AC, EMG interfere
- baseline automatically adjustable, optimizes printing position
- selectable auto/manual operation

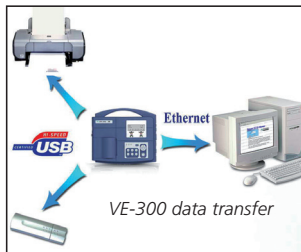
Features of VE-300 only

- 12 leads simultaneous acquisition
- automatic ECG parameter measurement and analysis
- support USB ink-jet printer for 12 leads printing
- 120 patient data storage and transfer by USB flash disk, Ethernet or series port

- review and management of ECG data on Window PC with software (optional 33336)

Internal software: GB, IT (33305/6), DE, FR, ES (33305 only)

- 32963 THERMAL PAPER ROLL 50mm x 25m for 33305
- 32964 THERMAL PAPER ROLL 80mm x 25m for 33306
- 33318 RE-CHARGEABLE LITHIUM BATTERY 2200 mAh
- 33319 5-LEAD VETERINARY ECG CABLE - spare

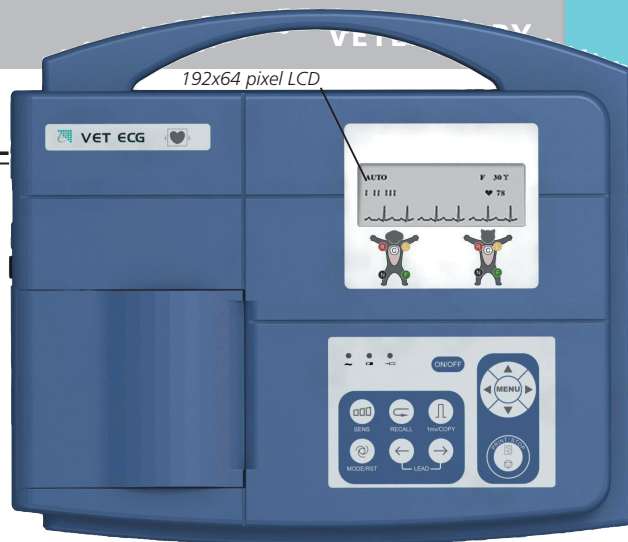


STANDARD ACCESSORIES

- 1 Paper roll
- Rechargeable lithium battery (2,200 mAh)
- 5-lead veterinary ECG cable (Ø 4 mm, banana connector, IEC)
- Veterinary clip electrodes (set of 5, match Ø 3-4 mm ECG cable)
- Manual: GB, IT - on request FR, ES, DE

33319

33306



TECHNICAL SPECIFICATIONS

	33305	33306
Lead	One lead	standard 12 lead
Acquisition mode	One lead	12 leads simultaneously
Frequency response	0.05 Hz ~ 150 Hz	
Sensitivity	2.5, 5, 10, 20 (mm/mV)	
Input impedance	≥ 50 MΩ (10 Hz)	
Filter	EMG Filter 35 Hz (-3dB) AC/DFT Filter 50/60Hz (-20dB)	EMG Filter 25/35/45Hz / OFF DFT Filter 0.05/0.15/0.25/ 0.32/0.5/0.67 Hz Low pass Filter 150/100/75 Hz AC Filter on/off
Recording mode	Auto/Manual	Auto/Manual/Rhythm/OFF/USBPR
Safety standard	IEC I/CF	
Power supply	AC: 100-115 V, 220-240 V, 50/60 Hz	Built-in rechargeable Li-ion battery: voltage 14.8 V More than 6.5 hrs, continuously operation under battery supply
Thermal paper	50 mm x30 m	80 mm x20 m
Paper speed	25/50 mm/s (± 3%)	5/6.25/10/12.5/25/50 mm/s (± 3%)
Size	300x260x75 mm	
Weight	2.3 kg (with battery)	2.5 kg (with battery)
Display	192x64 pixel LCD	192x64 pixel LCD
External input/output	Input: ≥100 kΩ; Sensitivity: 10 mm/V ± 5% Output: ≤100 kΩ; Sensitivity: 1 mm/V ± 5%	
Communication interface	RS232	Ethernet, RS232, USB

VET DIGITAL 3 CHANNEL ECG



• 80650 3 CHANNEL ECG 300G VET

ECG300G-VET can collect 12 lead ECG signal simultaneously and print waveform by thermal printing system. It records and displays ECG waveform in AUTO or Manual mode, measuring and diagnosing ECG waveform parameters automatically.

- Sync collection, digital signal processing technology to get high quality ECG waveform via power frequency filter, baseline filter and EMG filter of ECG signal
- display of 12 lead ECG, print mode, sensitivity, paper speed and filter state etc. on one screen
- multiple printing modes and formats, including auto and manual; waveform length can be adjusted through timed print function
- built-in large capacity memory to store at least 1,000 cases
- multilingual interface and report: GB, FR, IT, ES, PT, DE, PL, BG, SI, SK, RS, UA, TR (RU, NE, CN, VN)
- 33226 RECHARGEABLE BATTERY - spare
- 32969 PAPER ROLL 80 mm x 20 m - box of 10
- 33228 CARRYING BAG 39x29x14 cm
- 80653 5-LEAD VET ECG CABLE - spare
- 80654 ECG VETERINARY CLIP X 5 for mouth and paw - spare

ECG instrument Input Safety Type:		Class I, type CF defibrillation proof applied part
Lead:	Standard 12 leads	
Input way:	Floating and defibrillation protection	
Patient leak current:	< 10 µA	
Sampling rate:	1,000 Hz	
Frequency response:	0.05~150 Hz (-3 dB, +0.4 dB)	
Dispose Wave Data	EMG interference filter:	25Hz/35Hz (-3 dB)
Waveform output	AC filter:	50Hz/60Hz (-20 dB)
	Recording way:	Thermal printing system (32 spots/mm)
	Recording paper:	80 mm(W)x20 m(L)
	Paper speed:	12.5 mm/s, 25 mm/s, 50 mm/s, ± 5%
	Sensitivity:	5, 10, 20 mm/mV, ± 2% accuracy
	Auto record:	record setup according to auto record format and mode, automatically changes leads, measures and analyzes
	Rhythm record:	record setup according to rhythm record format and mode, automatically measure and analyze
	Manual record:	record according to manual record format
Power supply	AC:	110-240V, 50/60 Hz
	DC - Lithium battery:	7.4V, 3500 mAh rechargeable lithium battery
Form	Size - Net Weight:	315 x 215 x 77 mm - 1.6 kg

A/D conversion:	12 bit
Time constant:	≥ 3.2 s
CMRR:	> 105 dB
Enduring polarization voltage:	± 500 mV
Noise level:	≤ 12 µVp-p



33228

STANDARD ACCESSORIES

- ECG cable 5 lead
- 5 metal clamps
- Chest electrodes - 1 set
- Ground wire
- Power cord
- Paper roll
- Manual: GB, IT