



E30vet (Three-channel ECG)

Portable Veterinary Electrocardiograph



- Touch screen display, easy operation
- Light weight and compact size
- Built-in high resolution thermal printer
- Built-in rechargeable lithium-ion battery used continuously for 4 hours
- BIOLIGHT innovative ECG analysis algorithm guarantees :
 - Automatic measurement
 - Automatic baseline adjustment
 - Real-time 7-lead sampled & amplified & analysis,
- displaying 7-lead ECG waveforms simultaneously
- Obtain accurate ECG data rapidly
- Digital filter with powerful anti-disturbance function can ensure perfect ECG waveform
- Support U disk
- Barcode scanner support (optional)

Specification:

Size:315mm(L)×215mm×75mm(H)
Net weight:1.6kg
Display: 4.3" TFT LCD
Resolution:480*272
AC power: 100V-240V; 50Hz/60Hz
DC power: 11.1V,2Ah rechargeable lithium-ion battery

Safety:

Product safety type: Class I , Type CF
(Protection from Defibrillation)
Isolation voltage: 4000V
Polarization resistance voltage: ±500mV

Record:

Recording way: Thermal printing system
Recording paper: 80mm×20mm(reel)
Paper type: Reel thermosensitive printing paper
Resolution: Vertical 8 dots/mm
Horizontal 40 dots/mm
Recording speed:5mm/s, 6.25mm/s, 10mm/s, 12mm/s, 25mm/s,
50mm/s, error:±3%
Recording type: Auto (4×3, 3×4+1, 3×4, 2×6, 3-2+1, 3-2),
Manual (Manual1, Manual 2, Manual 3, Manual 4)
Rhythm (single-lead rhythm, three-lead rhythm)

Technical:

Lead: Standard 7 leads
Input way: Floating and defibrillation protection
Input impedance: ≥50MΩ
Time constant: Time constant > 3.2s
CMRR: ≥110dB(with AC filter)
Noise level: ≤15 μ Vp-p
Response to frequency: 0.05Hz~150Hz (-3dB)
Baseline filter: On/Off (0.05Hz)
ECG filter: 25Hz, 35Hz, 45Hz
Lowpass filter: 75Hz, 100Hz, 150H
Gain selection: 2.5, 5, 10, 20 (mm/mV)
Gain accuracy: ≤5%
Animal leakage current: ≤10 μ A

Heart Rate:

HR measuring range: 30bpm-300bpm
Accuracy: ±1bpm (average time:10s)

Storage:

Internal memory: 50 groups of ECG data
External memory: U disk

