

PC-VetChek™

Miniature Recovery/ECG Monitor

- ECG
- Temperature
- Respiration
- Optional SpO₂ Smart Cable
- Optional CO₂ Smart Cable

Bluetooth Go wireless



Low force ECG skin clips, ECG chest probe and temperature probe are included.

Anesthesia deaths occur most often during the postoperative recovery period.* The miniature, Bluetooth wireless PC-VetChek is ideal for tracking the status of multiple patients on a remote central computer with as many as seven monitors on a single computer. Monitoring information is displayed real-time and the wireless link is free of interference at distances up to 100 meters, line of sight.

Bluetooth signals are omni-directional and penetrate walls, metal cages and even transmit between floors. A protective hanging pouch provides a convenient attachment to animal cages without wires or clutter. Monitor ECG, temperature and respiration or use one of the optional Smart Cables to convert from ECG to SpO₂ or CO₂.

Files are automatically stored and can be attached to patient records in most practice management programs. Patient files can be printed or sent by E-mail. All controls except patient data entry are accessible from the patient's side. The PC-VetChek can be used for ECG exams and surgery too. Optional ECG interpretation software is available.

*"The postoperative period was the most common time for dogs, cats and rabbits to die usually within three hours of surgery...greater Patient monitoring and management during this time period is recommended." The risk of death: The Confidential Enquiry into Small Animal Perioperative Fatalities, Brodbelt, et al., Veterinary Anaesthetics and Analgesia, 2008, 35, 365-373

FEATURES

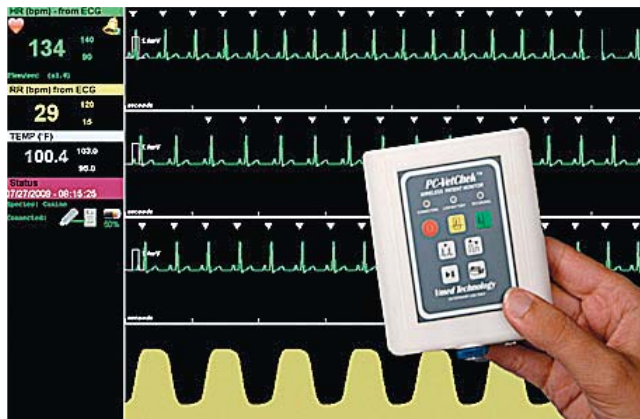
- Measures 3" x 3 1/2" x 3/4"
- Two AA batteries provide up to 48 hours of use
- Convertible to SpO₂ or CO₂ with optional Smart Cables
- Attaches to recovery cages

INCLUDED ACCESSORIES

- ECG skin clips
- ECG chest probe
- Temperature probe
- Bluetooth plug and play adaptor
- PC-Display software
- Protective hanging pouch
- Storage pouch

OPTIONAL ACCESSORIES

- Esophageal ECG/temperature probes
- Diagnostic ECG interpretation software
- Long term monitoring electrodes
- Needle and loop electrodes



Computer display shows real-time ECG and respiration waveforms and digital readout of heart rate, respiration rate and temperature.

PC-VetChek

Optional ECG Interpretation Software

Benefits

- Save time and money in consulting fees
- Automatic normal/abnormal determination
- Quick and easy advanced interpretation
- Feline, canine and size specific templates
- Beat by beat analysis
- Episode analysis of selected beats
- Analyze strip charts up to 2 hours long

Features

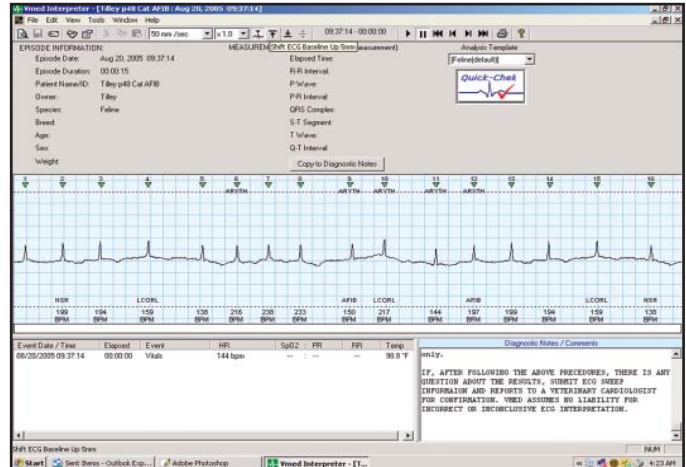
- Quick Check normal/abnormal determination
- Advanced analysis based on steps outlined in *Electrocardiography for the Small Animal Practitioner*, Larry P. Tilley, DVM, DACVIM, Naomi L. Burtnick, MT (ASCP) "Made Easy Series", Teton New Media.
- Beat by beat analysis with copy of waveform statistics and interpretation to final report
- Episode analysis of selected beats
- Text edit clinical notes in final report
- Time synchronized heart rate, and temperature table
- Seamless interface with all Vmed wireless monitors
- One click e-mail feature
- Extensive Help menus including:
 - ✓ Hyper-link to applicable section of electronic text for confirmation and training
 - ✓ Background on arrhythmia interpretation
 - ✓ Guide to measuring ECG complexes
 - ✓ Extensive descriptions and courses of action
 - ✓ Tables of canine and feline normal measurements
- Display multiple windows with multiple ECG strips
- Tutorial rhythms showing real animal waveforms
- Lead inversion option
- Interactive training in ECG interpretation with over 50 real patient files

PC-VetChek Specifications

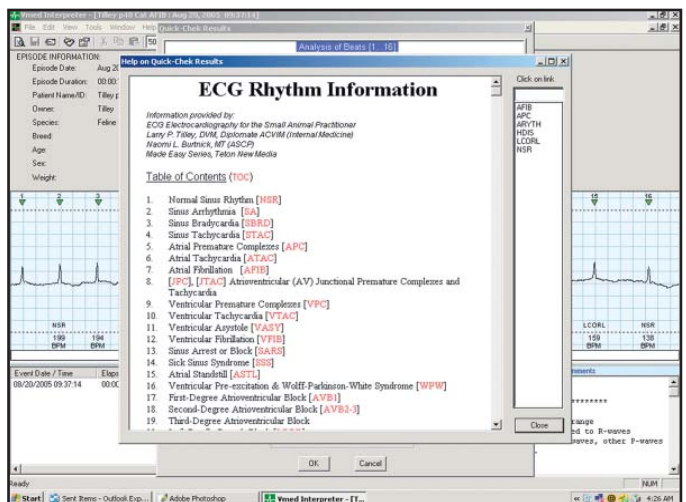
TYPE: Wireless ECG, temperature, respiration monitor with integral Bluetooth radio
DIMENSIONS: 4" x 3" x 1"
WEIGHT: 9 Oz..
SAFETY STANDARDS: IEC 601, AAMI EC-11
ECG GAIN/SENSITIVITY: Selectable 5, 10, 20, 30 and 40 mm/mV
ECG SWEEP RATE: Selectable 25, 50, 100 and 200 mm/sec
TEMPERATURE: Thermistor from esophageal or rectal probes
A/D SAMPLING RATE: 400 Hz
SAMPLE RESOLUTION: 12 bit
BATTERY: 2 x AA
BATTERY CHARGE: Minimum 36 hours continuous use
WIRELESS RANGE: 100 meters line of sight

Represented by:

Compatible with all Vmed wireless monitors



Open Interpreter software from the actual trace and press "Quick Check" for one click normal/abnormal determination.



Select "More About Results" for hyper-link to appropriate section of textbook for verification of the determination.

Computer Requirements

CPU: Minimum 500 MHz. PC desktop, laptop or tablet computer
MEMORY: Minimum 256 MB, 512 MB recommended
OPERATING SYSTEM: Windows 7, Vista, or XP
AUDIO: Any Windows audio hardware and speakers
VIDEO: 32 MB video RAM, 64 MB recommended, resolution 1024 x 768, color profiling disabled.
PORTS: Available USB 1.1 or 2.0 port
CD ROM Drive
HARD DRIVE DISC SPACE: 60 MB for programs; 10-30 KB for files

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