

# PC-VetGard+™

## Bluetooth Wireless Patient Monitor

 Go wireless



Configure your VetGard with the options you need now and add parameters at any time in the future.

### Monitoring options available

- ✓ ECG/Temp/Respiration/SpO2
- ✓ Animal validated NIBP
- ✓ Mainstream EtCO<sub>2</sub>; Apnea/Capnograph
- ✓ Inspired/expired oxygen
- ✓ Inspired/expired anesthesia agents
  - ISOflurane
  - SEVOflurane
  - HALOthane
  - DESflurane
  - N<sub>2</sub>O

**Save space** and eliminate cables

**Save paper** with automatic storage of patient files on your computer or network server

**Save technician time** with automatic documentation of vital signs during and after surgery

**Versatile...** Use this 19 Oz. monitor in surgery or carry to the recovery area or exam room

**Reliable** and free of interference

**Scalable...** Add monitoring options at any time

- Full-featured monitor including anesthesia agents
- Real-time display using Bluetooth wireless link to Windows 7, Vista or XP computers
- Wireless operating range to 100 meters
- Instant printed reports from your computer or network printer
- Electronic caliper to measure ECG complexes
- One click E-mail report transmission
- Optional ECG interpretation software



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# **PC-VetGard+**

## **Bluetooth Wireless Patient Monitor**

### **FEATURES**

- AC or battery power for maximum portability
- Rechargeable battery provides minimum 8 hours use per charge
- No wires or cables to your computer
- Programmable options and alarms
- Program controls from patient's side
- Trend data in tabular and real-time graphic format

### **STANDARD ACCESSORIES**

- ✓ Low force ECG skin clips
- ✓ ECG long term monitoring cable and leads
- ✓ Three esophageal ECG/temperature probes
- ✓ Rectal temperature probe
- ✓ Chest probe for rapid ECG rhythm strips
- ✓ Protective hanging pouch
- ✓ Storage pouch
- ✓ Application, Reviewer and Bluetooth software
- ✓ Optional sensors available

**PC-VetGard+** is a small, battery operated, wireless patient monitor that displays dynamic ECG, systolic, diastolic and mean arterial blood pressures, SpO<sub>2</sub>, inspired/expired CO<sub>2</sub>, O<sub>2</sub>, anesthesia agents and respiration and temperature information. The 30 gram "Plug and Use" gas sensor requires no calibration or adjustment. The Bluetooth software provided establishes a wireless link to your computer for real-time display of waveforms and related digital data on the computer display. The system is omni-directional and virtually free of interference ensuring a consistent, reliable wireless connection anywhere in the clinic or in the field. The VetGard is sold with all the hardware and software required. The bonus Reviewer software allows saved files to be opened and reviewed at any time and adds to the VetGard's versatility with electronic calipers to measure ECG complexes. A complete Help menu provides monitoring parameter guidelines, assistance in interpreting ECGs, tables of normal feline and canine ECG measurements and more. Optional small animal specific ECG interpretation software is also available.

### **CONVENIENT MONITORING MODES**

All parameters except NIBP can be monitored using three oral probes. The trans-esophageal probe provides ECG and core body temperature, the compact gas sensor monitors airway gas flow and respiration and the SpO<sub>2</sub> sensor is designed for lingual attachment using one of the two clips provided.

### **COMPUTER REQUIREMENTS**

CPU: Recommended 800 MHz. PC desktop, laptop or tablet computer

MEMORY: Recommended 512 MB minimum

OPERATING SYSTEM: Windows XP, Vista or Seven

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 port

CD ROM Drive

### **SPECIFICATIONS**

TYPE: Wireless multi-parameter patient monitor with integral Bluetooth radio

POWER ADAPTOR: 5.5 VDC, 120/240 VAC, 50 or 60 Hz

CONSTRUCTION: High impact ABS-Polycarbonate

DIMENSIONS: Length: 6.25", Width: 5", Thickness: 2"

WEIGHT: 19 Oz..

SAFETY STANDARDS: IEC 601, AAMI EC-11

ECG GAIN/SENSITIVITY: Selectable 5, 10, 20, 30 and 40 mm/mV

ECG SWEEP SPEED: Selectable 25, 50, 100, 200 mm/sec

CO<sub>2</sub> SWEEP SPEED: Selectable 6.25, 12.5, 25 mm/sec

SPO<sub>2</sub>: Nellcor V-Sat digital pulse oximeter with 2 lingual clips

CO<sub>2</sub>/GASES: IRMA infrared mainstream sensor with pressure, temperature and full spectral interference corrections for any gas mixture

O<sub>2</sub>: Ultra-fast response time galvanic oxygen sensor

NIBP: Animal validated, automatic oscillometric with artifact reduction

TEMPERATURE: Thermistor from esophageal or rectal probe

A/D SAMPLING RATE: 400 Hz.

SAMPLE RESOLUTION: 12 bit

BATTERY: Rechargeable lithium-ion with patient isolated charger

BATTERY LIFE: >2 years continuous use

BATTERY USE BETWEEN CHARGES: Minimum 8 Hours

WIRELESS OPERATING RADIUS: 100 meters line of sight.

Represented by:

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