



# Vet X

Optimize your Vet Life

Better diagnostic, better treatment

## Q5 Vet

PORTABLE MODULAR MULTIPARAMETERS VETERINARY MONITOR



NIBP



SpO2



### KEY FEATURES :

- 12.1" TFT LCD touch screen
- Lightweight and modular design
- Nellcor/Masimo SpO2 technology ensure perfect motion resistance and low perfusion resistance performance
- Suntech Vet NIBP technology provide faster, safer and more accurate measurement
- Additional module parameter options include:
  - Philips CAPNOSTAT Mainstream CO2 / Philips LoFlo CO2 / Watertrap Sidestream
  - Masimo Phasein Mainstream Multi-Gas
- Optical sensor adjusts screen brightness automatically to maintain high legibility
- OxyCRD, Drug Calculation
- Configurable customized waves and parameters display setting
- Quiet fan-less and lower power consumption
- USB and SD memory data saving
- External VGA connection available
- 168 hours of trend data and up to 1000 groups NIBP data



## MONITORING



## Spécifications techniques :

### Size & weight

Dimension: 318 mm×264 mm×152 mm  
Weight: <4.5 kg  
Standard module slot: 2

### Display

Size: 12.1" Color TFT-LCD touch screen  
Resolution: 800×600 pixels

### Power supply

Power Voltage: AC 100-240V 50/60Hz  
Input current: 1.7A -0.8A

### Battery

Type: 4000 mAh rechargeable lithium ion battery  
Operating time under the normal use and full charge: ≥210 minutes

### Trend & Review

Trend data: 168 Hours  
NIBP measurement review: 1000 Groups  
Alarm Events : 500 Groups

### ECG

Lead Mode: 3/5 leads ECG input  
Lead selection: I, II, III, aVR, aVL, aVF, V  
Gain: AUTO, 1.25 mm/mV(×0.125), 2.5 mm/mV(×0.25) , 5mm/mV(×0.5), 10 mm/mV(×1), 20 mm/mV(×2), 40 mm/mV(×4)  
Input impedance: ≥5.0 MΩ  
CMRR : Diagnostic mode: 0.05 Hz to 150 Hz  
Monitor mode: 0.5 Hz to 40 Hz  
Surgery mode: 1 Hz to 25Hz  
Animal leakage current: < 10 uA  
Sweep speed: 12.5 mm/s, 25 mm/s, 50 mm/s

### HR

Measurement Range: 10-350BPM  
Resolution: 1 bpm  
Accuracy: ±1% or ±1 bpm, whichever is greater

### RESP

Method: Thoracic impedance  
Measuring impedance range: 0.2 ~3Ω  
Accuracy: ±2 bpm

### NIBP

Technique: Automatic Oscillometry  
Range of measurement: SYS 30~270 mmHg  
DIA 10~220 mmHg  
MEAN 20~235 mmHg  
Pressure Accuracy: ±2% or ±3 mmHg, whichever is greater  
±5 mmHg average error  
≤8 mmHg standard deviation  
Unit: mmHg, kPa  
Resolution: 1 mmHg  
Cuff pressure range: 0 mmHg to 280 mmHg

### Suntech Advantage NIBP

Technique: Automatic Oscillometry  
Range of measurement:  
SYS 40~265 mmHg  
DIA 20~200 mmHg  
MEAN 27~222 mmHg  
Pressure Accuracy: ±3 mmHg  
Unit: mmHg, kPa  
Resolution: 1 mmHg  
Cuff pressure range: 0~280 mmHg  
Pulse rate range: 25 ~ 300 bpm

### BLT SpO2

Measurement Range: 0~100%  
Resolution: 1%  
Accuracy: At 70~100%, ±2%  
At 0~69%, unspecified

### Masimo SpO2

Measurement range: 0% to 100%  
Resolution: 1%  
Accuracy: 70% to 100%:±2% ( Medium Size and large animal, non-motion conditions)  
70% to 100%:±3%(small animal, non-motion conditions)  
70% to 100%:±3%(motion conditions)  
0% to 69%, unspecified

### Nellcor SPO2

Measurement Range: 0-100%  
Resolution: 1%  
Accuracy: At 70~100%, ±2 digits  
At 0~69%, unspecified  
Perfusion Range: 0.03% ~ 20%

### PR

Measurement Range: 20 bpm to 300 bpm  
Resolution: 1 bpm  
Accuracy: 20 bpm to 250 bpm: ±3 bpm  
251 bpm to 300 bpm: unspecified

### TEMP

Measurement Range: 0.0~50.0°C(32°F~122°F)  
Unit: Celsius (°C), Fahrenheit (°F)  
Resolution: 0.1°C  
Accuracy : ±0.1°C

### IBP

Measurement Range : -50~300 mmHg  
Resolution : 1 mmHg  
Accuracy Static: ± 2mmHg or 2% of the reading, whichever is greater (exclusive of transducer)  
± 4mmHg or 4% of the reading, whichever is greater (inclusion of transducer)  
Dynamic: ± 4mmHg or 4% of the reading, whichever is greater  
Unit : mmHg , KPa  
Sensitivity of transducer: 5uV/V/mmHg, 2%  
Transducer sites: ART/PA/CVP/LAP/RAP/ICP

