

G SERIES VET

Semi-modular Veterinary Monitor



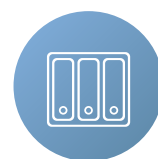
- Multiple screen size (10",12",15") to adapt to different veterinary environments.
- Semi-modular design allowing the monitor to be used as an all-in-one unit or upgraded with advanced modules.
- Up to 3 module slots providing flexible configuration for a wide range of clinical applications.
- Flexible SpO2 options, with support for Masimo, Nellcor, and ProVet SpO2, enabling customized built-in selection according to clinical preference and budget.
- Built-in Anesthesia report functions, facilitating anesthesia documentation and workflow efficiency.



Gesture Control



High Definition



Semi-modular Design



360° Sound Light Alarm

G Series VET

Semi-modular Patient Monitor



Flexible Modular Configuration

The G series offers a scalable modular design to meet diverse veterinary clinical needs. With up to 3 module slots, the G series Vet enables flexible parameter combinations, from routine monitoring to advanced applications.

Multiple Built-in Technology Options

The G series VET supports four built-in SpO2 technologies (Blt SpO2/ Masimo SpO2/ Nellcor SpO2/ ProVet SpO2) to enable flexible configuration based on clinical preferences and application needs.



360° Sound Light Alarm

The 360 ° top-mounted alarm light provides all-round visibility, allowing veterinarians to identify patient alarm status instantly from any direction.



Integrated Anesthesia Report

The G series VET features an integrated anesthesia reporting function designed to support veterinary anesthesia workflows. The monitor automatically records vital sign trends and anesthetic gas trends throughout the procedure. Anesthesia records can be exported for clinical review and record keeping.



Specification

Size & Weight

Dimension: G10Vet 180×270×238mm
G12Vet 183×317×270mm
G15Vet 222×403×296mm
Weight: G10Vet <3.9 kg, G12Vet <4.6 kg, G15Vet <5.5 kg
Modular slot: G10Vet/G12Vet: 2, G15Vet: 3

Display

Size: G10Vet: 10.1-inch color TFT LCD
G12Vet: 12.1-inch color TFT LCD
G15Vet: 15.6-inch color TFT LCD
Resolution: G10Vet/G12Vet: 1280×800 pixels
G15Vet: 1366×768 pixels
External display: Type: HDMI Display
Resolution: above 1280×800 pixels

Power Supply

Input voltage: AC (100-240) V (±10%)
Frequency: 50Hz/60Hz
Input power: 1.2A -0.3A

Battery

Type: Rechargeable lithium-ion battery, 11.1 VDC, 5000mAh
Operating time: G10Vet/G12Vet ≥10h, G15Vet ≥9h
Charge time: Less than 7 hours to 90%

Recorder

Type: BTR50S thermal dot array
Paper width: 50 mm±1mm
Recording speed: 12.5 mm/s, 25 mm/s, 50 mm/s
Recording waveform: Maximum 3 tracks

Data storage

Trend data:
Long trend: 1800h, minimum resolution: 10 min
Medium trend: 180h, minimum resolution: 1 min
Short trend: 6h, minimum resolution: 5 second
Parameter alarm event: At least 3000 parameter alarm events and associated parameter waveform at the moment
ARR events: 3000 ARR events
NIBP result: At least 2400 groups
Holographic waveform: At least 72 hours

C.O.

Measurement range
C.O.: 0.1 L/min to 20 L/min
TB: 23.00°C ~ 43.00°C
TI: -1.0°C ~ 27.0°C
Resolution
C.O.: 0.1 L/min
TB: 0.01°C
TI: 0.1°C
Accuracy
C.O.: ±5% or ±0.1L/min, whichever is greater
TB: ±0.1°C
TI: ±0.1°C

IBP

Static pressure measurement:
Measurement range: -6.7kPa ~ +48.0kPa (-50mmHg ~ +360mmHg)
Resolution: 1mmHg
Accuracy: ±0.3kPa (±2mmHg) or ±2%, whichever is greater (without sensor)
Dynamic pressure measurement:
Measurement range: -6.7kPa ~ +48.0kPa (-50mmHg ~ +360mmHg)
Accuracy: ±0.3kPa (±2mmHg) or ±2%, whichever is greater (without sensor)
IBP zero range: -200mmHg ~ +200mmHg
Measuring range: -50~300mmHg
Resolution: 1mmHg
PR measurement range: 30bpm ~300bpm
PR resolution: 1bpm
PR accuracy: ±1% or ±1bpm whichever is greater

ECG

Lead: 3-lead: I, II, III
5-lead: I, II, III, aVR, aVL, aVF, V-
6-lead: I, II, III, aVR, aVL, aVF, Va, Vb
12-lead: I, II, III, aVR, aVL, aVF, V1~V6
Auto: identify leads automatically
Indication of lead-off: Every electrode
Support ST, QT and ARR functions
Bandwidth (-3dB): Diagnostic mode: 0.05~150Hz
Monitor mode: 0.5~40Hz
Operation mode: 1~25Hz
ST mode: 0.05~40Hz
Signal quality display: Expression way: numerical display and waveform color.
HR measurement range: 10~400 bpm
HR resolution: 1 bpm
HR accuracy: ±1% or ±1 bpm, whichever is greater

RESP

Measurement parameter: Respiration Rate and respiration waveform
Source: RA-LA, RA-LL (default)
Measurement range: 0rpm, 6~150 rpm
Resolution: 1 rpm
Accuracy: ±2 rpm or ±2%, whichever is greater.

BLT NIBP

Measurement parameters: SYS, DIA, MAP, PR
Mode of operation: Manual, Auto, STAT, Sequence
Measurement range of cuff pressure: 0~300 mmHg
Periodic measurement: 1min, 2min, 2.5min, 3min, 5min, 10min, 15min, 20min, 30 min, 1h, 1.5h, 2h, 3h, 4h, 8h,
Initial inflation pressure:
Big animal: 120~280mmHg, default 160mmHg
Small animal: 60~280mmHg, default 160mmHg
Technique: Automatic Oscillometry
Dynamic pressure measurement range:
SYS 30~270 mmHg (4.0 ~ 36.0 kPa)
DIA 10~220 mmHg (1.3 ~ 29.3 kPa)
MEAN 20~235 mmHg (2.7 ~ 31.3 kPa)
Dynamic Pressure Measurement Error of Simulator: ±8 mmHg (±1.1kPa)
Static pressure accuracy: ±3 mmHg (±0.4kPa)
Pressure resolution: 1 mmHg or 0.1kPa
PR Measurement range: 40 ~ 240 bpm
PR accuracy: ±3bpm or ±3%, whichever is greater

Suntech NIBP

Method of Measurement: Oscillometry
Measuring range:
SYS 40~265 mmHg (5.3 ~ 35.3 kPa)
DIA 20~200 mmHg (2.7 ~ 26.7 kPa)
MEAN 27~222 mmHg (3.6 ~ 29.6 kPa)
Pressure accuracy: ±3 mmHg (±0.4kPa)
Unit: mmHg, kPa
PR range: 25 ~ 300 bpm
PR accuracy: ±2bpm or ±3%, whichever is greater
Initial inflation pressure:
Big animal: 120~280mmHg, default 160mmHg
Small animal: 60~280mmHg, default 160mmHg

TEMP

Parameter: T1, T2, TD
Measurement site: Surface and coelom
Measuring range: 0.0~50.0°C (32°F~122°F)
Resolution: 0.1°C or 0.1°F
Accuracy of circuit: ±0.1°C (±0.2°F) (without sensor)

BLT Provett SpO2

Measuring range: 0~99%
Resolution: 1%
Accuracy:
At 70~100%, ±2%
At 0~69%, unspecified
PR measurement range: 18 bpm ~400 bpm
PR resolution: 1 bpm
PR accuracy: ±2% or 2bpm, whichever is greater

BLT SpO2

Measuring range: 0~100%
Sensitivity: High, Medium, Low
Accuracy:
At 70~100%, ±2%
At 0~69%, unspecified
PR measurement range: 25 bpm ~400 bpm
PR resolution: 1 bpm
PR accuracy: ± 3bpm (non-motion conditions)
SpO2 update period: Normal ≤2s, Maximum ≤25s

Masimo SpO2

Measuring range: 0% to 100%
Resolution: 1%
Accuracy:
70% to 100%: ±2% (Big animal, non-motion conditions), 70% to 100%: ±3% (small animal, non-motion conditions), 0% to 69%: unspecified
PR measurement range: 25 bpm ~240 bpm
PR accuracy: ≤ 3bpm (Oxygen saturation simulator)
Average time: 2-4s, 4-6s, 8s, 10s, 12s, 14s, 16s

Nellcor SpO2

Measuring range: 0-100%
Resolution: 1%
Accuracy:
At 70~100%, ±2% (non-motion)
At 0~69%, unspecified
PR measurement range: 20 bpm ~300 bpm
PR resolution: 1 bpm
PR accuracy:
20-250 bpm: ±3 bpm (non-motion conditions)
251 bpm ~ 300 bpm: unspecified
Update period: Normal ≤2s, maximum ≤25s

CO2

Measurement parameter: EtCO2, FiCO2, CO2 waveform and awRR
Measurement method: Mainstream, Sidestream/Microflow
Unit: mmHg, kPa and %
EtCO2/FiCO2 measurement range: 0% ~ 19.7% (0mmHg ~ 150mmHg)
EtCO2/FiCO2 measurement accuracy: ± (0.43% + 8% of reading)
EtCO2/FiCO2 display resolution: 0.1% or 1mmHg
awRR measurement range: 0 ~ 150 bpm
awRR measurement accuracy: ±1 bpm

AG

Measurement way: Infrared spectrum
Measurement mode: Mainstream, Sidestream
Resolution:
HaI, Enf, Iso, Sev, Des, CO2: 0.1%
N2O, O2: 1%
CO2 range: 0.0% ~ 15.0%
CO2 accuracy: ± (0.43%+8% of reading)
N2O range: 0% ~ 100%
N2O accuracy: ± (2%+8% of reading)
O2 range: 0% ~ 100%
O2 accuracy: ± (2.5%+2.5% of reading)
HaI, Iso, Enf range: 0.0% ~ 8.0%
HaI, Iso, Enf accuracy: ± (0.2%+15% of reading)
Sev range: 0.0% ~ 10.0%
Sev accuracy: ± (0.2%+15% of reading)
Des range: 0.0% ~ 22.0%
Des accuracy: ± (0.2%+15% of reading)
awRR measurement range: 0 bpm ~ 150 bpm
awRR measurement accuracy: ±1bpm
Recovery time after defibrillation: ≤15s
Total system response time: Mainstream: ≤2s, Sidestream: ≤4s @ 50ml/min
Sampling rate of sidestream anesthesia gas: 50mL/min± 10mL/min

Option Built-in Parameter:

12-lead ECG, 2-IBP, Nellcor SpO2, Masimo SpO2, BLT Provett SpO2, BLT MicroFlow CO2 & Mainstream CO2, Masimo MicroFlow CO2 & Mainstream CO2

Option Module:

2-IBP module, 2-Temp module, Masimo SpO2 module, Nellcor SpO2 module, BLT Provett SpO2 module, Suntech NIBP, C.O. module, Drip Monitor module, Masimo Mainstream & MicroFlow EtCO2, BLT Mainstream & Sidestream & MicroFlow EtCO2, Masimo Mainstream & Sidestream AG, Masimo Sidestream AG with O2

Other Option:

Thermal Printer, Rolling stand, Wall mount, Wireless Lan (WiFi), External Display HDMI & Multifunctional port (Analog Output, Nurse Call, Defibrillation Synchronization)



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