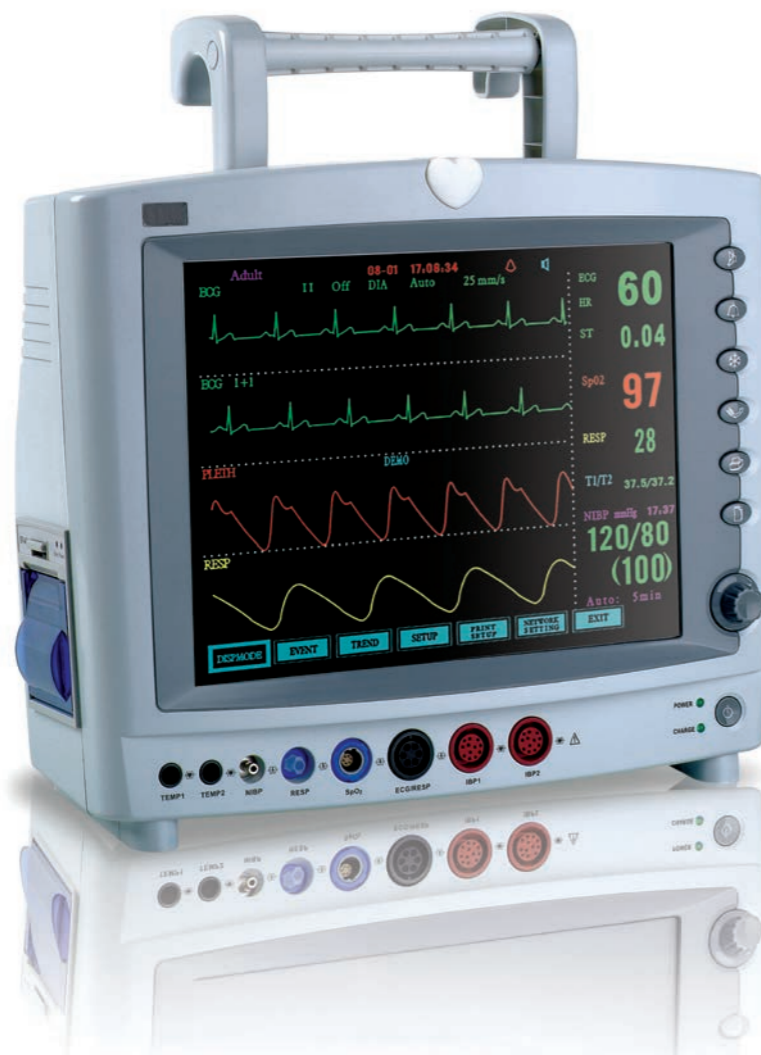


## 12.1" Animal Monitor Model: Moni 8DV



### Feature:

- 1) Super ability in against electrosurgical interference. Neither in cutting nor in burning, ECG waveform and HR can be influenced, very short recovering time after defibrillation, especially suitable for use in emergency or operating room.
- 2) Unique thoracic impedance & nasal tube double modes respiration test method (when animals can not lie quietly, only nasal tube respiration can detect the right respiration waveform and respiration rate).
- 3) 12.1" color TFT LCD screen, High brightness, Wide viewing, 8 waveforms can be displayed on the same screen. Lightness and volume are adjustable independently.
- 4) Streamlined outline design with sense of the times & foldable handle.
- 5) Multi-language interface selection: English, Spanish, French, Russian, Arabic, Portuguese, Italian, Turkish, Chinese, etc.
- 6) User-friendly and man-machine dialogue interface with pop-up menus, dialogue boxes, rotary mouse and etc.
- 7) Low-power consumption design with standby mode, rechargeable high-energy built-in battery.
- 8) Advanced digital technology, accurately measure SpO<sub>2</sub> in low perfusion situation.
- 9) Huge history trend data storage up to 360 hours
- 10) Drug calculation, ST-segment detection, pace maker and arrhythmia analysis.
- 11) 5 kinds of fixed display format includes OxyCRG diagram, 7-lead ECG waveform, big-font mode, etc.; 5 kinds of user-defined display format.
- 12) 3-level audible alarm, visual alarm and apnea alarm available; Alarm limits are adjustable.
- 13) Suitable for adult, pediatric and neonate animals.
- 14) Applications in bedside and delivery monitoring; Widely used in in-patient room, emergency room, operation room, etc.
- 15) WAN communication function to network with central monitoring system and make long-distance monitoring, diagnosis, maintenance and software upgrade possible.
- 16) Printing of data, waveform, trend tables and trend diagram.

### Specification:

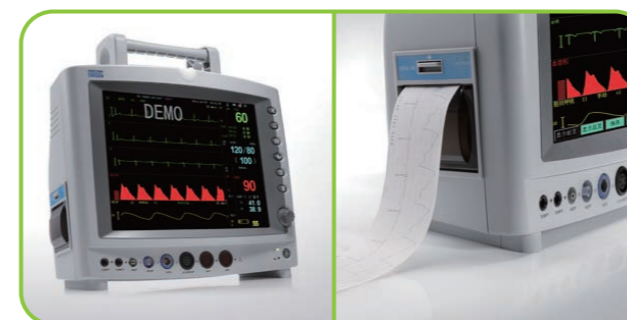
ECG  
 Input: 3-lead/5-lead ECG cable  
 Lead selection: I, II, III, AVR, AVL, AVF, V  
 Gain selection: x1/4, x1/2, x1, x2, x4 and automatic  
 Sweep speed: 3.125, 6.25, 12.5, 25, 50mm/s  
 Measurement range: 15bpm~380bpm  
 Calibration: ±1 mv  
 Accuracy: ±1%

### NIBP

Philosophy: Oscillometric method  
 Measurement type: Adult, Pediatric and Neonate  
 Measurement parameter: Systolic, Diastolic, Mean  
 Measurement method: Manual, Automatic, Continuous measurement  
 Unit: mmHg/kPa selection  
 Accuracy: ±3mmHg or ±2%

### SpO<sub>2</sub>

Display type: Waveform, Data  
 Measurement range: 0~100%  
 Accuracy: 1%  
 Pulse rate range: 30~250bpm  
 Accuracy: ±1bpm  
 Resolution: 1bpm



### Anesthesia Gas Analysis (Optional)

Method: Infrared Absorption  
 Gas Sorts: CO<sub>2</sub>, N<sub>2</sub>O, Des, Iso, Enf, Sev, Hal and optional O<sub>2</sub>  
 Measurement range: CO<sub>2</sub> 0~30%, N<sub>2</sub>O 0~105%, O<sub>2</sub> 0~105%, Iso, Enf, Hal 0~30%, Sev 0~30% Des 0~30%  
 Data input: Fi and Et values  
 Optional agent mixture detection

### Power Requirement

Working voltage: 100~240VAC, 50/60Hz  
 Power rate: 80 VA  
 Battery backup: 3 hours as option

### Standard Configuration:

Main unit with standard 6-parameter veterinary accessories (ECG, NIBP, SpO<sub>2</sub>, RESP, TEMP, HR/PR), Rechargeable battery.

### Optional Configuration:

2-IBP, EtCO<sub>2</sub> (Mainstream or Sidestream), CO, AG (Anesthesia Multigas Module), Built-in Printer, Mobile Trolley, Wall Mount, Touch Screen, 12V Power Supply for Ambulance Use, Carrying Bag, Wireless Network.



Temperature  
 Number of channels: 2  
 Measurement range: 0°C~50°C  
 Resolution: 0.1°C  
 Display: T1, T2, ΔT  
 Unit: C/°F selection

Respiration Rate  
 Measurement range: 0~156bpm  
 Accuracy: ±1bpm  
 Resolution: 1bpm

IBP (Optional)  
 Measurement range: -10~300mmHg  
 Number of channel: 2 channel  
 Accuracy: ±1mmHg or ±2%  
 Pressure tag: ART, CVP, RVP, LAP, RAP, PAP, ICP, LVP

ETCO<sub>2</sub> (Optional)  
 Measurement type: Main/Side stream  
 Measurement range: 0%~19.7%; 0~150mmHg; 0~20kpa  
 Accuracy: 0~40mmHg ±2mmHg  
 41~70mmHg ±5%  
 71~100mmHg ±8%  
 101~150mmHg ±10%

Cardiac Output (Optional)  
 Measuring Method: Thermodilution  
 Blood temperature measurement and alarm range: 23°C~43°C  
 Unit: degrees Celsius °C or Fahrenheit °F  
 Error: ±0.2°C  
 Resolution: 0.1°C  
 Cardiac output measurement range: 0.1L/min~20.0 L/min  
 Error: ±0.2 L/min or ±5%