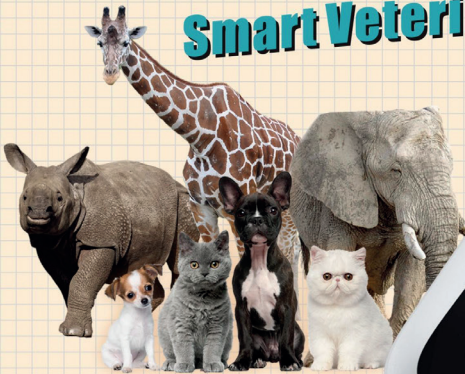


RN PET 5N Series Smart Veterinary BP Monitors



Features:

5.5inch capacitive touch screen with friend UI design

Application to large& small anima

Anti-defibrillator, anti-ESU, with Titration functionl

Multiple configurations to choose:

Wspet 5S:

Wspet 5N:

Wspet 5ST:

Wspet 5:

Wspet 5P:

SPO2

NIBP

SPO2+NIBP

SPO2+NIBP+TEMP

SPO2+NIBP+ECG+TEMP

Optional: Wifi , Wireless printer

Remote data transfer available, supporting to IOS/Android system (App)

Rechargeable lion-battery backup time more than 6 hours continuously working

Special accessories:



colour:



Performance Specifications

Dimension and Weight

- Main Unit Dimension: 14" x 15" x 18cm
- Weight: 0.6kg

Power Supply

- Voltage: DC 5V 2A

Display

- 5.5" color LCD
- Resolution: 1280 x 720 pixels

Battery

- Type: Rechargeable lithium battery 4000 mAh 3.7V
- Maximum charging time is less than 6 hours.
- Working time: 6 hours

Alarm

- Level: Low, medium and high
- Indication: Auditory and visual
- Alarm volume adjustable
- Alarm pause time: 2mins

Input Device

- Standard: Full Touchscreen

System Output & Extensible Interface

- Type-C
- WIFI

Operating Environment

- Temperature: 0~40 °C
- Humidity: 15%~90% (non-condensing)
- Atmosphere pressure: 86KPa~106KPa

Transportation and Storage

- Temperature: -20~50 °C
- Humidity: 10%~90% (non-condensing)
- Atmosphere pressure: 86KPa~106KPa

Trend & Reviewing

- NIBP measurement reviewing: 1500 groups
- Waveform review: 3 hours 600 groups
- Alarm event: 1000 groups of parameter alarms events and associated parameter

Respiration

- Method: Impedance between RA~LL
- Gain: $\times 0.25$, $\times 0.50$, $\times 1$, $\times 2$, $\times 4$
- Respiration Rate: 0~120/0~150B/PM
- Sweep speed: 6.25 mm/s, 12.5 mm/s, 25mm/s
- Resolution: 1 BrPM
- Apnea Alarm: 10~40s
- Measure range: Large animal: 0~120 bpm
- Small animal: 0~150 bpm

Temperature

- Technique: Thermistor probe (2.25K/10k)
- Measuring and Alarm Range: 0.0°C~50°C
- Unit: Celsius (°C)
- Resolution: 0.1°C or 1°F
- Accuracy: $\pm 0.1^\circ\text{C}$ (exclusive probe)

ECG

- Lead mode: 3/5 Leads, I, II, III or I, II, III, AVR, AVL, AVF, V
- Gain: 1/4 file (X0.25) 2.5mm/mV; 1/2 file (X0.50) 5.0mm/mV; 1 file (X1) 10mm/mV; 2 files (X2) 20mm/mV;
- Sweep speed: 6.25mm/s, 12.5mm/s, 25mm/s;
- Baseline Recovery:
 - < 3s after defibrillation (Monitor mode)
 - < 1s after defibrillation (Surgery mode)
- Bandwidth: Diagnostic 0.05~100 Monitor 0.5~40Hz Surgery 1~20Hz

Heart Rate

- Measure range:

large animal	15 ~ 300 bpm
small animal	15 ~ 350 bpm
accuracy	1% or 1bpm, whichever is greater
resolution	1 bpm

SpO2

- Measure Range: 0~100%
- Resolution: 1%
- Response Modes: Low, Medium, High
- Accuracy: 70%~100%: 2% < 69%: unspecified
- Support Pitch tone and multi-level volume

Pulse Rate

- Measuring and Alarm Range: 25~250bpm
- Accuracy: ± 3 bpm
- Resolution: 1bpm

NIBP

- Method: Pulse wave oscillation method
- Measure mode: Manual, Auto, Continue
- Measure interval in auto mode: 1, 2, 3, 4, 5, 10, 15, 30, 60, 90, 120, 180, 240, 480min
- STAT mode cycle time: Keep 5 minutes
- Measure and Alarm Range:

Large Animal	
SYS	30 ~ 280mmHg
DIA	10 ~ 220mmHg
MEAN	20 ~ 240mmHg

Small Animal	
SYS	30~220mmHg
DIA	10~160mmHg
MEAN	20~170mmHg

- Static pressure range 0~300mmHg
- Static pressure accuracy 3mmHg
- Accuracy: Maximum Mean error 5mmHg
- Maximum Standard deviation 8mmHg
- Static pressure accuracy: ± 3 mmHg
- Resolution: 1mmHg
- Accuracy:

Maximum Mean error	± 5 mmHg
Maximum Standard deviation	< 8 mmHg

- Over pressure Protection:

large animal	~300mmHg
small animal	~240mmHg

EtCO2 (Mainstream/ Sidestream) (Optional)

- Measure method: Non-dispersive infrared (NDIR)
- Measure Range:

0~19.7% (0~150mmHg)	0~20kPa
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- Resolution: 0.1 mmHg
- CO2 Accuracy:

0~40 mmHg, ± 2 mmHg
41~70 mmHg, $\pm 5\%$ of reading
71~100 mmHg, $\pm 8\%$ of reading
101~150 mmHg, $\pm 10\%$ of reading
at 760mmHg, ambient temperature of 25°C)

- Respiratory Rate:

Range: 3~150B/PM	Accuracy: ± 1 bpm
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