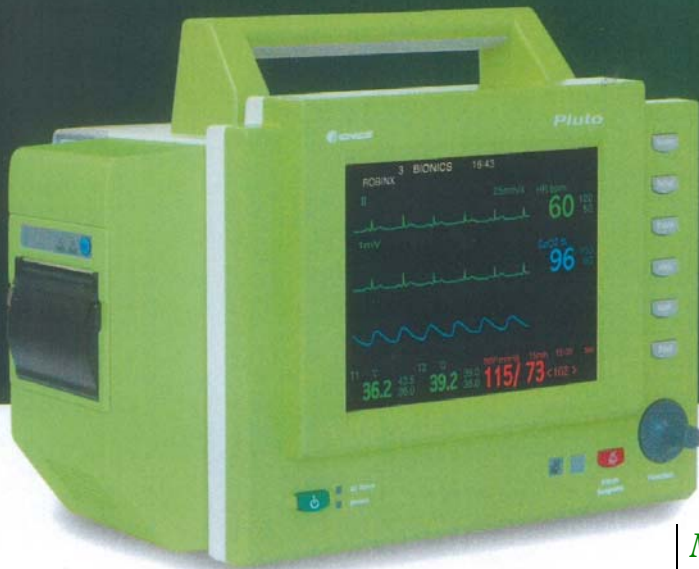




Innovation Veterinary Monitor **Pluto**

*Turn the power on. That's all you need to do.
It's right on at any time with accuracy
and functionality*



Multi-parameters at your demand in a simple Selectknob.

Quick and easy to operate parameters put you right into the vital sign monitoring fast and accurately.

- SpO₂ with accuracy, stability, and compatibility outscoring others.
- NIBP with a patent pending "P-comfort" inflation and rejection mechanism.
- 3-lead or 5-lead ECG.
- Dual Temperatures.

Portable and powerful: anywhere and anytime on your premise.

- Detachable parameter console with an extended cable enabling distanced monitoring.
- Ergonomic hand grip and soft touch buttons.
- Long battery life ensuring safe and mobile monitoring.
- "Glare-free" real-time data scrolling makes you have a stress-free data reading.
- Available rolling stand with a basket.

User-friendliness and convenience stand out in every function.

- Full color LCD with superior visibility.
- Trends (up to 24 hours) and instant eight
- Events memory function
- Most-used six functions are one touch programmed on the front of the monitor (Screen, setup, event, trend, NIBP, Print)

● ECG SPECIFICATION

- **LEAD**
 - 3leads : I, II, III, CAL
 - 5leads : I, II, III, aVR, aVL, aVF, V, CAL
- **HEART RATE**
 - Range : 30 to 400 bpm
 - Accuracy : ± 2 bpm in whole detectable range
 - Resolution : 1 bpm
 - Adjustment : 5 bpm steps
- **INPUT IMPEDANCE** : Greater than 5 M ohm
- **INPUT CIRCUIT CURRENT** : Less than 50 μ A
- **BASELINE RECOVERY TIME**
Less than 5 seconds after defibrillation.
- **INPUT SIGNAL RANGE**
 ± 5 mVpeak (DC offset : ± 300 mVpeak)
- **CALIBRATION**
 - Signal : 1mVp-p
 - Accuracy : $\pm 10\%$
- **BANDWIDTH**
 - Monitoring Mode : 0.5 to 30 Hz
 - Filter Mode : 0.5 to 20 Hz
- **LIMIT ALARMS**
 - High Range : 35 to 400 bpm
 - Low Range : 30 to 395 bpm
 - Adjustment : 5 bpm



● SpO2 SPECIFICATION

- **MEASUREMENT RANGE** : 20 to 100 %SpO2
 - Accuracy : 70 ~ 100 % SpO2 : ± 2 %SpO2
 - 50 ~ 69 % SpO2 : ± 3 %SpO2
 - 20 ~ 49 % SpO2 : unspecified
- Resolution : 1 %SpO2
- **LIMIT ALARMS**
 - High Range : 25 to 100 %SpO2
 - Low Range : 20 to 95 %SpO2
 - Adjustment : 5 %SpO2 step
- **PULSE RATE MEASUREMENT RANGE**
 - Range : 30 to 400 bpm
 - Accuracy : ± 3 bpm in whole detectable range
 - Resolution : 1 bpm
 - Adjustment : 5 bpm steps

- **AVERAGE TIME CONSTANT** : Less than 10 seconds
- **LIMIT ALARMS**
 - Range : 0 to 45°C (32 to 113°F)

● PHYSICAL SPECIFICATION

- **DIMENSIONS(W X D X H)** : 287mm X 176mm X 225mm
- **WEIGHT (Kg)** : 6.5kg

● ENVIRONMENTAL SPECIFICATION

- **TEMPERATURE RANGE**
 - OPERATING : 10 to 45°C (50 to 113°F)
 - STORAGE : -20 to 60°C (-68 to 140°F)
- **RELATIVE HUMIDITY RANGE**
 - OPERATING : 95 %RH max. @ 40°C (104°F) (without condensation)
 - STORAGE : 10 ~95 %RH max. @50°C (122°F)
- **ATMOSPHERIC PRESSURE RANGE**
 - OPERATING : 70 ~ 106 kPa

● NIBP SPECIFICATION

- **CUFF INFLATION RATE** : 3 to 18 seconds
- **AUTO MODE REPETITION** : 2, 5, 10, 15, 30, 60, 120 minutes
- **MEASUREMENT TIME (TYPICAL AT HR > 60 bpm)** : 25 seconds
- **ACCURACY**
 - MAXIMUM STANDARD DEVIATION : ± 8 mmHg (1.1kPa)
 - MAXIMUM MEAN ERROR : ± 5 mmHg (± 0.7 kPa)
- **MEASUREMENT RANGE**
 - SYSTOLIC : 50 to 130 mmHg (6.7 to 17.3kPa)
 - DIASTOLIC : 30 to 100 mmHg (4.0 to 13.3kPa)
 - MEAN : 40 to 120 mmHg (5.3 to 16.0kPa)
- **OVERPRESSURE ALARM LIMIT VALUE** : 150mmHg

● PERFORMANCE SPECIFICATION

- **TRENDS** : up to 24 hours (Long Term Trend)
- **EVENT** : 8 event are stored
- **PRINTER**
- **BATTERY**
 - Operation time : about 1 hour
 - RECHARGEABLE BATTERY(12V 2Ah)

● TEMPERATURE SPECIFICATION

- **MEASUREMENT RANGE** : 0 ~ 45°C (32 to 113°F)
- Resolution : 0.1°C (0.2°F)
- Accuracy : 0 ~ 25°C ± 0.4 °C (± 0.7 °F)
- 25 ~ 45°C ± 0.2 °C (± 0.4 °F)



All specifications are subject to change without notice

Sold and
Serviced by



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