



Vet Vital Signs, Vital Signs + ECG, Multi Parameter and Pulse Oximeter Monitors



**SIMPLE, ACCURATE, LOW COST,
VITAL SIGNS MONITORING.**

"PASSIONATE ABOUT LABORATORY DIAGNOSTICS"

**WOODLEY
EQUIPMENT COMPANY LTD.**



Vet Vital Signs, Vital Signs + ECG Multi Parameter and Pulse Oximeter Monitors

FEATURES

- Small handheld monitors
- Includes cage clip & charging dock
- Easy to use
- Accurate measurement in 0.05% Low Perfusion Index
- Audio and visual alarm
- Records up to 48 hours of measurement data



InSight Vet Vital Signs
Measures NIBP + SpO₂
+TEMP + Heart Rate +
Mean Arterial Pressure
(MAP)



**InSight Vital Signs
+ ECG** Measures
ECG + SpO₂ +
TEMP + Heart Rate +
Mean Arterial Pressure
(MAP)



**InSight Multi
Parameter
Measures**
Blood Pressure +
ETCO₂ + SpO₂
+ Heart Rate



**InSight Pulse
Oximeter**
Measures SpO₂

NIBP Measurement Range

	Large Animal	Small Animal
SYS	40 ~ 270mmHg	40 ~ 200mmHg
MEAN	20 ~ 230mmHg	20 ~ 165mmHg
DIA	10 ~ 210mmHg	10 ~ 150mmHg

Oxygen Saturation (%SpO₂)

- Measurement Range:
SpO₂: 0-100%
Pulse Rate: 0-500 BPM
Perfusion Index: 0.05% - 20%

Temperature

- Measurement Range: 25 - 45°C
- Resolution: 0.1°C
- Accuracy: 0.1°C

ETCO₂

- Measurement Range: 0-150mmHg
(0-10.7%) (0-20kPa) RR: 3-150 BPM
- Resolution: ETCO₂ RR: 1 BPM
- Setting compensation parameters
Pressure Range: 450-850mmHg
Oxygen Range: 0-100%

ECG

- Standard 3-lead or 5-lead cable
- Gain: 250, 500, 1000, 2000
- Heart Rate Range: 15 ~ 350 BPM
- Accuracy: ±1% or ±1 BPM, whichever is greater
- Resolution: 1 BPM
- Sensitivity: > 200uV (peak-to-peak)
- Input Impedance: >5 (Megaohm)
- Bandwidth
 - Diagnosis mode: 0.05 ~ 130Hz
 - Monitoring mode: 0.5 ~ 40Hz
 - Operation mode: 1 ~ 20Hz
- Electrode Polarisation Voltage Range: 300mV
- Pacing pulse detection & suppression
 - Amplitude: ±2mV ~ ±700mV
 - Width: 0.1ms ~ 2ms
 - Rise Time: 10µs ~ 100µs
- Baseline Recovery Time: <3 seconds after defibrillation

SPECIFICATIONS

Performance

- Display: 3.5" colour TFT screen
- Indicator: Alarm and power
- Alarm: Probe off, low power
- Species: Dog, Cat, Horse, Cattle, Sheep and Pig
- Resolution: 320*480
- Trace: 1 plethysmogram waveform
- Modes: Visual and audio
- Data Storage: 100 patient's ID, 200 data sets per patient

Dimensions/Operating & Storage

- 146 x 67 x 30 mm
- Weight: 250g
- Power Type: Lithium ion battery,
- Operation Time: 8 hours for normal operation
- Operating Temperature: 0 - 45°C
- Storage/Transportation Temperature: -20 ~ 65°C
- Operating Humidity: 15 - 90% non condensing
- Storage Humidity: 0 - 95% non condensing
- Operating Altitude: Up to 5000m



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