

# POCKETSIGNS™

Handheld Multi-Parameter Monitor PS8xVET



- 3 Lead ECG and/or Digital SpO2
- Extremely compact handheld design
- High resolution 2.4" color display
- Position sensor automatically adjusts display orientation
- AA batteries or rechargeable Lithium Ion battery for 16 continuous hours of operation
- IR communication with computer for printing and transferring trend data

[www.digi-vet.com](http://www.digi-vet.com)

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**Technical specifications**

**Safety standards**

- SFDA classification : II
- CE classification : IIb
- Type of protection against electric shock: II, with internal power device
- Degree of protection against electric shock: CF
- Degree of protection against ingress of liquid: IPX1
- Equipment type: Handheld

**Mechanical**

- Dimension: 58.5mm(W)×123mm(H)×28mm(D)
- Weight: <200g

**Battery**

- Type: 3 AA Alkaline batteries or
- Lithium ion rechargeable battery (Option)
- Runtime: >16 hours for normal measurement status

**Display**

- 2.4" OLED 320\*240 pixels

**Sound**

- Gives audible alarm, button tone and beep tone
- Supports Pitch Tone and multi-level volume;
- Alarm tones meet the requirement of IEC 60601-1-8.

**Data Storage**

- Displaying way: Trend tabular
- Trend interval: 2 seconds to 30 minutes
- Trend parameter: PR, SpO2
- Trend data: Spot-checkmode: ID from 1 to 99, 300 group for each ID.
- Continuous monitor mode: 60000 group can be stored.
- Patient Range:  
Small and large animals

**Digital SpO2**

- Range: 0-100%
- Resolution: 1%
- Accuracy: 70% to 100%: ±2%
- 0% to 69%: unspecified
- Refreshing rate: <30 seconds
- Pitch Tone: with

**PR**

- Range: 25 bpm to 250 bpm
- Resolution: 1 bpm
- Accuracy: ±2% or ±1 bpm, whichever is the greater
- Refreshing rate: <30 seconds

**Nellcor SpO2 (Option)**

- Range: 0% to 100%
- Resolution: 1%
- Accuracy: 70% to 100%: ±3%
- 0% to 69%: unspecified
- Refreshing rate: 7 seconds
- Pitch Tone: with

**PR**

- Range: 20 bpm to 250 bpm
- Resolution: 1 bpm
- Accuracy: ± 3 bpm
- Refreshing rate: 7s

**ECG (Option)**

- Lead type: Standard: 3 lead (RA, LA, LL or R, L, F)
- Lead: I, II, III
- Gain: 2.5mm/mV(×0.25), 5mm/mV(×0.5), 10mm/mV(×1)
- Input impedance: ≥5.0MΩ
- Input current: <0.1 uA
- Baseline recovery: Monitor mode: ≤ 3 s
- Electrode offset potential: ±500 mV d.c.
- ECG signal input range: -6.0mV to +6.0mV
- CMRR: Diagnostic mode ≥89dB
- Monitor mode ≥105dB
- Bandwidth (-3dB): Diagnostic mode: 0.05Hz to 100Hz
- Monitor mode: 0.5Hz to 40Hz
- Standardizing signal: 1mV ±5%
- Electrode off indicating: with
- Work mode: Monitor and Diagnostic mode
- HR range: 10 bpm -300 bpm
- HR Resolution: 1 bpm
- HR Accuracy: ±1% or ±1 bpm, whichever is the greater
- Protection: defibrillator proof
- Baseline recovery: <5s after Defibrillation

**Parameter :**

- Digital SPO2, Pulse Rate, Pleth bar & SpO2 waveform

**Option**

- Nellcor SpO2, 3-lead ECG, infrared receiving adapter,
- Rechargeable lithium battery(include battery charger &
- AC-DC adapter),

\* Specification subject to be changed without notice



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