



[www.vetlandmedical.com](http://www.vetlandmedical.com)

# V1102

Handheld Pulse Oximeter



- Handhold design. Compact & light for carrying and handing
- 2.4" OLED display, high resolution: 320 \* 240 pixels
- Gravity sensor automatically change the direction of display
- Visual & sound alarms
- IPX1 Degree of protection against ingress of liquid
- Convenient AA size alkaline or rechargeable lithium batteries
- 3 AA batteries provide 16 hours of continuous operation
- Max 60000 groups short trend data can be stored & reviewed
- Infrared Communications with computer

## Technical Specifications

### Safety Standards

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

### Mechanical

- Dimension: 58.5mm (W) x 123mm(H)x28mm(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, SpO<sub>2</sub>
- Trend data: Spot-check mode: ID from 1 to 99, 300 group for each ID
- Continuous monitor mode: 6000 group can be stored
- Patient Range
- Adult, Pediatric and neonatal patients

### Vetland Digital SpO<sub>2</sub>

- 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 SpO<sub>2</sub> (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(x0.25), 5mm/mV(x0.5), 10mm/mV(x1)
- 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 (-3d B): Diagnostic mode: 0.05Hz to 100Hz
- Monitor mode: 0.5Hz to 40Hz
- Standardizing signal: 1 mV ±5%
- Electrode off indicating: with
- Work mode: Monitor and Diagnostic mode
- HR range: 10bpm - 300bpm
- HR resolution: 1 bpm
- HR Accuracy: ±1% or ±1bpm, whichever is the greater
- Protection: defibrillator proof
- Baseline recovery: <5s after defibrillation

### Parameter:

- Vetland Digital SpO<sub>2</sub>, Pulse Rate, Pleth bar & SpO<sub>2</sub> waveform

### Option

- Nellcor SpO<sub>2</sub>, 3-lead ECG, infrared receiving adapter
- Rechargeable lithium battery (include battery charger & AC-DC adapter)

\*Specifications subject to be changed without notice



## VETLAND MEDICAL SALES & SERVICES, LLC.

2601 Holloway Road Louisville, KY 40299 | www.vetlandmedical.com  
502-671-1014 | 866-476-0589 | info@vetlandmedical.com