



M800 Vet

Handheld Veterinary Monitor

- Standard configuration: SpO₂, PR
- Optional configuration: ECG, RR
- Easy to operate & carry, convenient for clinical application
- Suitable for different types of animal
- Power loss protection function
- Dual work modes: continuous monitoring & spot check
- Large data storage and transfer



Physical Specifications

Mainframe weight: <400g (full configuration, including the batteries)
Mainframe size: 58.5mm(W)×123mm(H)×28mm(D)

Environmental Specifications

Temperature:

Operating: 5°C to +40°C

Storage: -20°C to +55°C

Atmospheric:

Operating: 860hPa to 1060hPa

Pressure storage: 500hPa to 1060hPa

Humidity:

Operating: 15% to 85% (non-condensing)

Storage: less than 93% (non-condensing)

Charging Specification

AC-DC Adapter (Optional):

Input: 100 ~ 240VAC, 50/60Hz, 0.5A

Output: 5V, 1.5A

Battery Specification:

Type: 1.5V, AA alkaline battery

Capacity: 2000mAh

Quantity: 3

Run time: >14 hours

Shutdown delay: 10 mins (After the first "low battery" alarm)

Display

Size: 2.4 inches

Resolution: 320*240 pixels

Indicator Lamp

Alarm indicating 1 (Yellow/Red), on the top of screen.

Battery charging indicator lamp: 1 (orange)

When charging the battery, it lights orange.

When fully charged or not charged, the lights will turn off.

Buttons

Quantity: 6

Functions: Power button, Up button, Down button, Left button, Right button, and Alarm pause button

Data Storage

Displaying way: Trend tabular

Trend interval: 2 seconds to 30 minutes

Trend parameter: HR, SpO2

Trend data:

Spot-check: 1-99 ID, 300 groups can be stored for each ID.

Continuous: 0 ID, 60000 groups can be stored.

Standard Configuration

SpO2, Pulse Rate

Optional Configuration

ECG, RR

BLT SpO2

Measurement range: 0~100%

Resolution: 1%

Accuracy: 70~100%: $\pm 2\%$

0% to 69%: unspecified

Refreshing rate: <13 seconds

Pitch tone: with

PR:

Measurement range: 25 bpm ~250 bpm

Resolution: 1 bpm

Accuracy: $\pm 2\%$ or ± 1 bpm, whichever is the greater

Refreshing rate: <13 seconds

Nellcor SpO2 (Optional)

Measurement range: 0%~100%

Resolution: 1%

Accuracy: 70% ~100% : $\pm 2\%$ ~ $\pm 3\%$

0% to 69%: unspecified

Refreshing rate: 7 seconds

Pitch Tone: with

PR:

Measuring range: 20 bpm ~300 bpm

Resolution: 1 bpm

Accuracy: 20 bpm ~ 250 bpm: ± 3 bpm

251 bpm ~ 300 bpm: unspecified

Refreshing rate: 7 seconds

ECG Specification (Optional)

Lead type: Standard: 3-lead (RA, LA, LL or R, L, F)

Gain: 2.5mm/mV($\times 0.25$), 5mm/mV($\times 0.5$), 10mm/mV($\times 1$)

Input impedance: $\geq 5.0M\Omega$

Input current: <0.1 μA

Baseline recovery: ≤ 3 s

Electrode offset potential: ± 500 mV d.c.

ECG signal input range: -6.0mV to +6.0mV

CMRR: ≥ 90 dB

Leakage Current: < 10 μA

Frequency response: 0.5Hz-40Hz

Standardizing signal: 1mV $\pm 5\%$

Defibrillator-proof

Electrode off indication: with

Work mode: continuous monitoring and spot-checking modes

HR range: 10 bpm ~ 300 bpm

HR Resolution: 1 bpm

HR Accuracy: $\pm 1\%$ or ± 1 bpm, whichever is greater

