

HM-8V

Multiparameter Monitor

(8 inch)



Feature

1. 8-inch Six Standard parameters: ECG, RESP, NIBP, SPO2, TEMP, PR
2. 13 Type Arrhythmic Analysis, Multi_Lead ECG Waveforms Display in Phase, Real time S_T segment analysis, pacemaker detection Drug calculation and titratable;
3. Efficient resistance to interference of defibrillator and electrosurgical cautery;
4. SPO2 can testing for 0.1% Weak;
5. RA-LL impedance Respiration;
6. Trend Coexist Display;
7. OxyCRG DyNamic View Display;
8. Bed to Bed view Display;
9. Networking capacity and nurse calling system;
10. Options of Internal Recorder, IBP, EtCO2, Central Monitoring System, Touch Screen, VGA, Neonate SPO2
11. Built-in rechargeable battery 2200mAh;
12. 8" high resolution color TFT LCD display;
13. Large volume of tabular and graphic trends information storage and easy to recall;
14. Anti-ESU, anti- defibrillator;
15. Capture dynamic waveforms.

Technical Specification

Website: www.hqs-vetcare.com

Add: Room 402, Unit 6, Building 27, Pingchou District 2, Jiangdong Street,
Yiwu, Jinhua, Zhejiang Province

ECG

Lead Mode: 5 Leads (R, L, F, N, C or RA, LA, LL, RL, V)

Lead selection: I, II, III, avR, avL, avF, V,

Waveform: 2 ch

Lead mode: 3 Leads (R, L, F or RA, LA, LL)

Lead selection: I, II, III,

Waveform: 1 ch

Gain: '2.5mm/mV, '5.0mm/mV, '10mm/mV, '20mm/mV, auto

Heart Rate

Range: 15 ~ 300 bpm

Accuracy: $\pm 1\%$ or ± 1 bpm, which great

Resolution: 1 bpm

Sensitivity: >200 (μ V P-P)

Differential Input Impedance: > 5 M Ω

CMRR

-Monitor: > 105 dB

-Operation: > 105 dB

-Diagnosis: > 85 dB

Electrode offset potential: ± 300 mV

Leakage Current: <10 μ A

Baseline Recovery: < 3S after Defi.

ECG Signal Range: ± 8 m V (Vp-p)

Bandwidth

-Surgery: 1 ~ 15 Hz

-Monitor: 0.5 ~ 35 Hz

-Diagnostic: 0.05 ~ 100 Hz

Calibration Signal: 1 (mV p-p), Accuracy: $\pm 5\%$

ST Segment Monitoring Range: Measure and Alarm -2.0 ~ +2.0 mV

ARR Detecting

Type: ASYSTOLE, VFIB/VTAC, COUPLET, BIGEMINY, TRIGEMINY, R ON T, VT>2, PVC, TACHY, BRADY, MISSED BEATS, PNP, PNC

Alarm: Available

Review: Available

Respiration

Method: Impedance between R-F (RA-LL)

Differential Input Impedance: >2.5 M Ω

Measuring Impedance Range: 0.3 ~ 5.0 Ω

Base line Impedance Range: 0 ~ 2.5 K Ω

Bandwidth: 0.3 ~ 2.5 Hz

Resp. Measuring Range:

-Adult: 0 ~ 120 rpm

-Neo/Ped: 0 ~ 150 rpm

Resp. Alarm Range:

-High alarm range limit: 8~120 rpm

-Low alarm range limit: 6~120 rpm

Resolution: 1 rpm

Accuracy: ± 2 rpm

Apnea Alarm: 10 ~ 40 S

NIBP

Method: Oscillometric

Mode: Manual, Auto, STAT

Measuring Interval in AUTO Mode: 1, 2, 3, 4, 5, 10, 15, 30, 60, 90, 120, 180, 240, 480 (Min)

Measuring Period in STAT Mode: 5 Min

Pulse Rate Range: 40 ~ 240 bpm

Alarm Type: SYS, DIA, MEAN

Measuring and alarm range

-SYS: 40 ~ 280 mmHg

-DIA: 10 ~ 225 mmHg

-MEAN: 20 ~ 240 mmHg

Resolution Pressure: 1mmHg

Accuracy Pressure Maximum Mean error: ± 5 mmHg

Maximum Standard deviation: ± 8 mmHg

SpO₂

Measuring Range: 0 ~ 100 %

Alarm Range: 0 ~ 100 %

Resolution: 1 %

Accuracy: 70% ~ 100% ± 2 %; 0% ~ 69% unspecified

Actualization interval: about 1 Sec.

Alarm Delay: 10 Sec.

Pulse Rate

Measuring and Alarm Range: 20~250bpm

Resolution: 1bpm

Accuracy: ± 3 bpm

Temperature

Measuring and Alarm Range: 0 ~ 50°C

Resolution: 0.1°C

Accuracy: ± 0.1 °C

Actualization interval: about 1 Sec.

Average Time Constant: <10 Sec.

Standard Packing List

5-lead ECG cable (including RESP)

SpO2 sensor
NIBP cuff
NIBP extension tube
TEMP sensor
AC power adaptor
Fuse
Operation instruction

Optional Function

Central Monitoring System