M6 Series Mini Vet

Veterinary Monitor

The smallest footprint, most attractive, compact vital signs monitor globally

- ☑ The smallest compact vital signs monitor footprint in the world.

- ☑ Accurate Perfusion Index PI.=0.05%.With revolutionary, advanced movement compensation.

  Provide the parameter of PI(Perfusion Index0.05%-20%)

- ☑ Accurate measurement in all kinds of extreme environment measurement. Such as small animal and shock patients.

- ☑ NIBP adopts two patents in NIBP,

  SAWAA(Self-Adaptive-Waveform-Amplitude-adjustment) and SAFD(Self-Adaptive-fast-Deflation) algorithms.similar to Petmap method.

- ☑ M-Series monitors configuration

- ☑ M6 = ECG + SpO2 + NIBP + TEMP

- ☑ M6E = SpO2 + NIBP + TEMP + MainStream EtCO2

- ☑ M6SE = SpO2 + NIBP + TEMP + SideStream EtCO2

- ☑ Two measurement modes: Spot or Monitoring modes

- ☑ Data storage capabilities - historical data view, trendgraph view.

- ☑ Monitoring mode - continuous recording, 48 hours of measurement data.

- ☑ Spot mode - 100 user ID's, each user can store 200 data sets.

- ☑ Audible and visual alarms, with upper and lower alarm limit adjustment

- ☑ Lithium Battery or AAA battery.

- ☑ Optional Silicon case and Charging stand.

Performance Specifications

Display	4.3" Color TFT	Resolution	320*480
Indicator	Alarm indicator, Power indicator	Trace	1 plethysmogram waveform
Alarm	Sensor off, Low power, Checking Adapter, ECG cable off Etc.	Modes	Visual and Audio
Application	Big and small animals		
Size	180mm*100mm*80mm	Net Weight	250g

☑ NIBP

■ The wider NIBP measurement range

	Big animal	Small animal
SYS	40 ~ 270mmHg	40 ~ 200mmHg
MEAN	20 ~ 230mmHg	20 ~ 165mmHg
DIA	10 ~ 210mmHg	10 ~ 150mmHg

Pulse rate range：40~240bpm

■ NIBP measurement accuracy：±3mmHg

■ Pulse rate measurement accuracy：≤ 2% (≥ 100 BPM) or 2 beats/min

(<100 BPM)

■ Independent software protection pressure

Big animal：300mmHg   Small animal：300mmHg

■ Independent hardware protection pressure

Big animal：320~330mmHg   Small animal：320~330mmHg

☑ Oxygen Saturation (%SpO2)

■ Measurement range：

SpO2：0~100%   PR:0-350bpm

Perfusion index：0.05%~20%

■ Accuracy range:

SpO2 saturation: 70~100%

Pulse rate: 20~500BPM

Perfusion Index:0.025%~20%

■ Measurement accuracy

SpO2: Big animal ±2% (70-100%) Small animal: ±3% (70-100%), Not defined in <70%

On motion condition ±3%

PR: Big/Small animal ±3%,

on motion condition: ±3%

Perfusion Index:0.05%~20%

■ Resolution

SpO2 saturation: 1%

Pulse rate: 1BPM

☑ Temperature

■ Measurement range: 25 ~ 45℃

■ Resolution: 0.1℃

■ Accuracy: ±0.1%

☑ Others

Operation time: 8 hours for normal operation

Temperature: Operating: 0℃~45℃

Transportation: −20℃~65℃

Humidity: Operating: 15% to 90% noncondensing

Storage: 0% to 95% noncondensing

Altitude: Operating Altitude: Up to 5000 meters

Performance Specifications

☑ CO2

☑ Measurement range:

ETCO2: 0-150mmHg (0-19.7%) (0-20kPa)　　　RR: 3-150BPM

☑ Accuracy range:

ETCO2 Range	Accuracy
0-40mmHg	±2mmHg
41-70mmHg	±5% of reading
71-100mmHg	±8% of reading
101-150mmHg	±10% of reading

RR Accuracy:±1BPM

☑ Resolution:

ETCO2: 0.1mmHg　　　RR: 1BPM

☑ Setting compensation parameters

Pressure range:　450-850mmHg

Oxygen range:　0-100%

Equilibrium gas:　N2O,He

☑ Power Requirements: 5.0vdc ±5%, 1A(Module average power consumption is less than 1.3W)

☑ ECG

☑ Lead type:

■ 3-leads or 5-leads.

■ Waveform selection:

■ 3-leads: I, II, III

■ 5-leads: I, II, III, AVR, AVL, AVF, V

☑ Gain Setting: x0.25, x0.5, x1, x2

■ Filter Setting: Diagnosis (diagnosis mode), Monitor (monitoring mode), Surgery (surgery mode), Gain (Gain wave mode).

☑ Notch Filter: 50Hz, 60Hz, off.

■ Wave velocity: 6.25mm/s, 12.5mm/s, 25mm/s.

■ Storage time: 4s, 6s, 8s, 10s, 12s, 14s, 16s, 30s, 60s, 120s.

■ Calibration signal: on, off.

☑ Bandwidth:

■ Diagnosis mode 0.05～130Hz

■ Monitoring mode 0.5～40Hz

■ Operation mode 1～20Hz

Electrode polarization voltage range: 300mV

☑ Pacing pulse detection:

■ Amplitude: ±2mV～±700mV

■ Width: 0.1ms～2ms

■ Rise time: 10us～100μs

■ Baseline recovery time: <3 seconds after defibrillation

■ Signal range: 8mV (peak-to-peak value)

■ Calibration signal: 1mV (peak-to-peak value), accuracy 5% .