

M3E Mini vet

Veterinary Monitor

The smallest and exquisite handheld vital sign monitor
in the worldwide



【 Features 】

- ✓ The smallest and exquisite handheld vital sign monitor in the worldwide.
- ✓ Accurate measurement in 0.05% Low perfusion Index, the world leading production in the movement environment
- ✓ Provide the parameter of PI (Perfusion Index 0.05%–20%)
- ✓ Accurate measurement in all kind of extreme environment measurement such as neonatal and shock patients
- ✓ NIBP adopt SAWAA (Self-Adaptive-Waveform-Amplitude - Adjust) algorithm and SAFD (Self-Adaptive-Fast-Deflation) algorithm
- ✓ Easy operation by 3.5" color TFT
Up to 100 users ID switch
- ✓ Multiple vital signs measurement parameters for collocation optional
 - NIBP、Spo2、Temp
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 - Spo2、Temp
 - Spo2、CO2
- ✓ two measurements mode: Spot、Monitoring
- ✓ Data storage capabilities, support for historical data view and trend chart back to see
 - In monitoring mode, can continuously record 48 hours of measurement data
 - In spot mode, 100 users ID, each user can store 200 sets data
- ✓ Support audio and visual alarm, support to set alarm upper and lower limit values
- ✓ Lithium ion battery power supply
- ✓ Optional Charging dock

Performance Specifications

Display	3.5' ' color TFT	Resolution	320*480
Indicator	Alarm indicator, Power indicator	Trace	1 plethysmogram waveform
Alarm	Probe off, low power	Modes	Visual and Audio
Application	Big and small animals		

✓ 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: $\pm 3\text{mmHg}$
- Pulse rate measurement accuracy: $\leq 2\%$ ($\geq 100\text{ BPM}$) or 2 beats/min ($< 100\text{ BPM}$)
- 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:

measure range

SpO2: 0~100% PR: 0~500bpm

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 (including pediatric) + 2digit
(70~100%) not defined (<70%)

Small animal + 3 digits not defined (<70%)

On motion condition + 3digit

PR: big/small animal (including pediatric) + 3digits

On motion condition + 3digit

Perfusion Index: 0.05%~20%

■ Resolution

SpO2 saturation: 1%

Pulse rate: 1BPM

✓ Temperature

■ Measurement range: 25 — 45°C

■ Resolution: 0.1°C

■ Accuracy: 0.1°C

✓ Power Type: Lithium ion battery

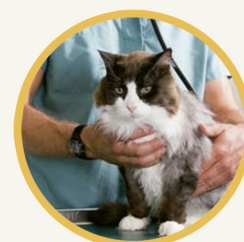
Operation time: 8 hours for normal operation

✓ Temperature: Operating: 0°C~45°C Storage/ Transportation: -20°C~65°C

✓ Humidity: Operating: 15% to 90% noncondensing Storage: 0% to 95% noncondensing

✓ Altitude: Operating Altitude: Up to 5000 meters

✓ SIZE: Dimension 146mm*67mm*30mm Weight 250g



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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)

Temperature: Work Environment: 10 - 40°C
Storage Environment: -40 - 70°C

Humidity: Work Environment: 10% - 90% RH
Storage Environment: <90% RH

