



M3T MINI VET

Portable Veterinary Monitor

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
- Optional charging dock.
- Multiple vital signs measurement parameters for collocation optional.
 - NIBP , Spo2, Temp
 - NIBP , Temp
 - 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 sport mode, 100 users ID, each user can store 200sets data.
- Support audio and visual alarm, support to set alarm upper and lower limit values.
- Lithium ion battery power supply.

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 | | |



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

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% (>=100BPM) or 2 beats/min (<100BPM)
- Independent software protection pressure
Big animal: 300mmHg Small animal: 300mmHg
- Independent hardware protection pressure
Big animal: 320-330mmHg Small animal: 320-330mmhg

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: Operation: 15% to 90% noncondensing
Storage: 0% to 95% noncondensing
 - Altitude: Operating Altitude: Up to 5000 mteres
 - Size: Dimension 146mm*67mm*30mm Weight 250g

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



CONTACT US

sales@ivetmedical.com
www.ivetmedical.com

Dubai

+971 50 523 8048
DSO-IFZA, Dubai Silicon Oasis, UAE.

Lebanon

+961 1 497 740
3rd floor, Sukkariah Center, Dekwaneh, Lebanon.

Armenia

+374 93 720991
21, 1 Bagrevand St, Yerevan, Armenia.