

Pulse Oximetry

M3 Series

Handheld Monitor

Small, lightweight & ergonomic, for continuous pulse oximetry monitoring.

PERFORMANCE SPECIFICATIONS

| | | | |
|-------------|----------------------------------|------------|-----------------------------|
| Display | 3.5" colour TFT | Resolution | 320*480 (High Res) |
| Indicator | Alarm indicator, power indicator | Trace | 1 plethysmographic waveform |
| Alarm | Probe off, low power | Modes | Visual + Audio |
| Application | Large and small animals | | |



FEATURES

- Accurate measurement in 0.05% low perfusion Index
- Provides PI parameters (perfusion index 0.05%-20%) Accurate measurement in all kinds of extreme environments such as neonatal and shock patients
- View up to 100 user IDs through the 3.5" colour TFT
- Data storage capabilities include: historical data view and trend chart
- 48 hours of continuous data storage
- USB data upload: Transfer data to PC via cable
- Spot mode: 100 user IDs, each user can store 200 data sets
- Audio and visual alarms: set upper and lower limit values
- Re-chargeable Lithium ion battery power supply - includes charging dock

TEMPERATURE

Measurement range: 25 - 45°C
Resolution: 0.1°C
Accuracy: 0.1°C



Silicone protective covers (TTM03) available. Colour may vary.

OXYGEN SATURATION (%SpO₂)

Measurement range:
 SpO₂: 0-100%
 PR: 0-500 bpm Perfusion index: 0.05%-20%
Accuracy range:
 SpO₂ saturation: 70-100%
 Pulse rate: 20-500 bpm
 Perfusion Index: 0.025%-20%
Measurement accuracy
 SpO₂:
 • Large animal (including paediatric) ± 2 digit (70-100%) (<70% not defined)
 • Small animal ± 3 digits (<70% not defined)
 • On motion condition ± 3 digit
 • PR: Large/small animal (including paediatric) ± 3 digits
 Perfusion Index: 0.05%-20%
Resolution
 SpO₂ saturation: 1%
 Pulse rate: 1 bpm

NIBP The Wider Measurement range:

| | Large 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: large animal: 300mmHg / small animal: 300mmHg

Independent hardware protection pressure: large animal: 320-330mmHg / small animal: 320-330mmHg

M3 SERIES RANGE

* 5 CUFF SIZES INCLUDED

| Model | SpO ₂ | NIBP * | Temperature | EtCO ₂ |
|-------------|------------------|--------|-------------|-------------------|
| M3S (TTM00) | ✓ | - | - | - |
| M3T (TTM01) | ✓ | ✓ | ✓ | - |
| M3E (TTM02) | ✓ | ✓ | - | ✓ |

CO₂

Measurement range: 0-150mmHg (0-16.7%) (0-20kPa) RR: 3-150bpm

Temperature Work Environment: 10-40°C

Accuracy range:

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