

uMEC12 Vet

Safety & Efficiency for Veterinary Monitoring

Technical Specifications

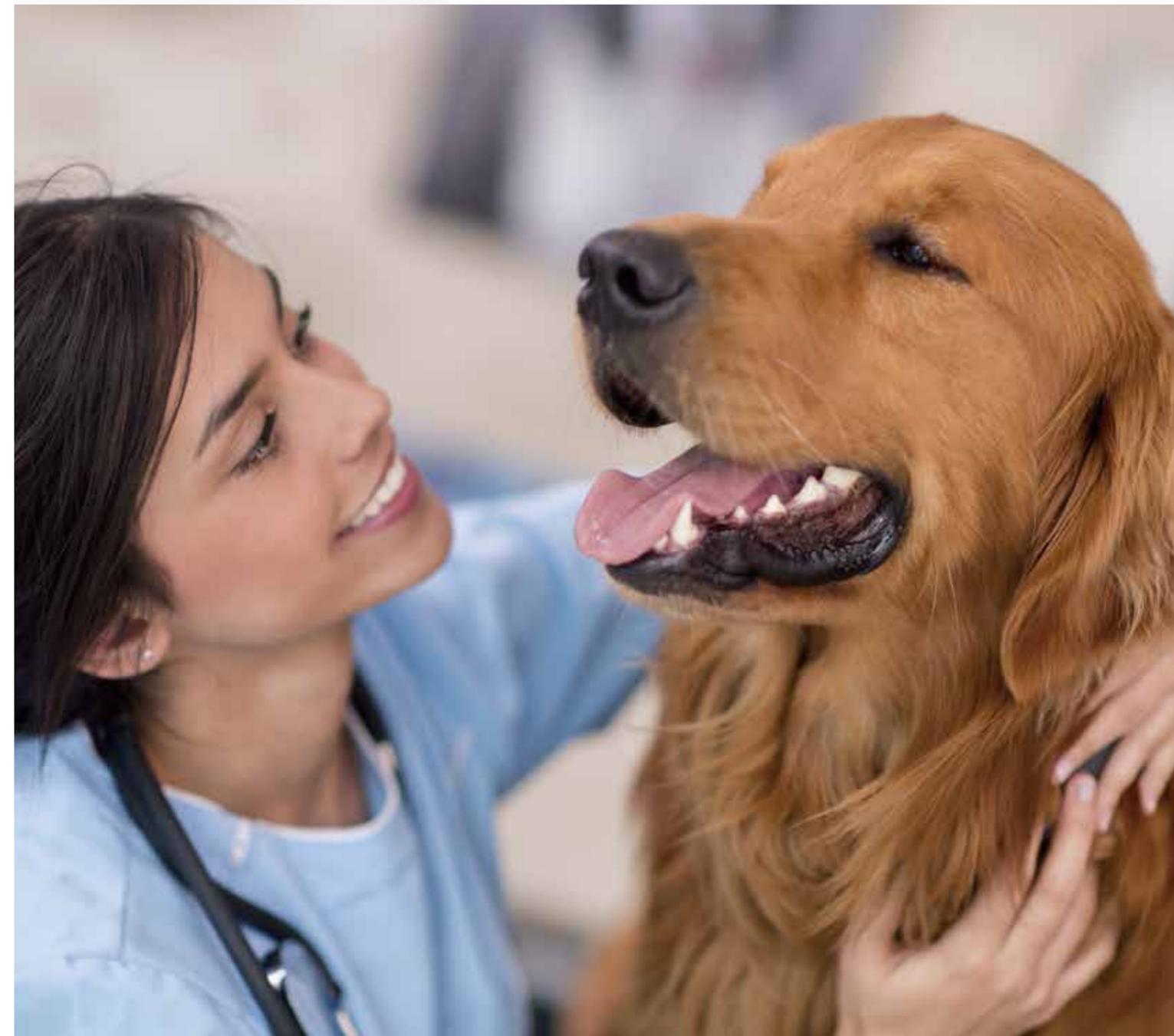
| | | |
|---------------------------|--|------------------|
| Display | 12.1 inches, color LED, touch screen(optional) | |
| Resolution (pixels) | 800 x 600 | |
| Weight (kg) | <4.0kg | |
| Battery | Standard: Chargeable Lithium-Ion, 2.5Ah Optional: Chargeable Lithium-Ion, 5Ah | |
| Runtime | Standard: > 4 h Optional: > 8 h | |
| Basic Parameters | ECG, SpO ₂ , NIBP, PR, RR, Temp | |
| Extended Parameters | CO ₂ , IBP, C.O. | |
| Recorder | Thermal dot array, number of waveform channels: maximum 3 | |
| Data Storage | Trends: 120 hours Mid-length trends: 4 hours Long-trends: 1200 hours Parameter alarms: 1800 Arrh. Events: 128 NIBP measurements: 1600 sets Full-disclosure waveforms: 48 hours at maximum. | |
| ECG | | |
| Lead type | 3/5 lead | |
| HR range(bpm) | 15 ~350 | |
| SpO₂ | | |
| SpO ₂ range(%) | 0 ~ 100 | |
| PI Range (%) | 0.05 ~ 20 | |
| NIBP | | |
| Operation mode | Manual, STAT, Sequence | |
| Range (mmHg) | Systolic:25 ~ 290 (>23kg) | 25 ~ 240 (<23kg) |
| | Mean:15 ~ 260 (>23kg) | 15 ~ 215 (<23kg) |
| | Diastolic:10 ~ 250 (>23kg) | 10 ~ 200 (<23kg) |
| CO₂ | | |
| | Infrared absorption | |
| Sample flowrate | 120 ml/min, 90ml/min | |
| Range (%) | 0 ~ 20 | |



Search Mindray Animal Medical

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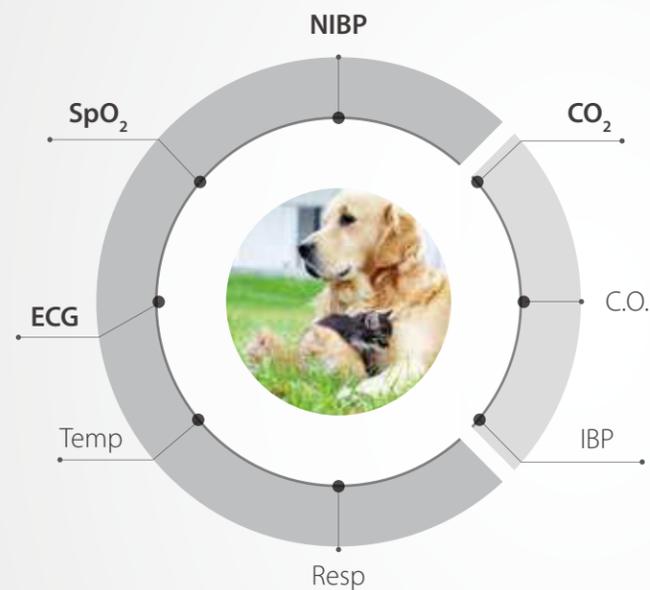


Accurate Monitoring

With nearly 30 years of technical accumulation, uMEC Veterinary Monitor is the reliable choice for animal monitoring by providing comprehensive and accurate parameter measurements and animal-specific accessories.



Special animal algorithm



- **NIBP** Animal specific algorithm can detect weak signal and interference for animal ensuring measurement quickly and accurately
- **SpO₂** Advanced technologies for interferences and weak perfusion
- **ECG** The unique patented ECG algorithm and ECG Smart Lead ensure stable monitoring
- **Side-stream CO₂** Gold-standard Artema technology for accurate measurements

Professional accessories



ECG:
ECG crocodile clips will prevent falling and ensure signal stability



SpO₂:
Clips for animal tongue and ear



NIBP:
Multi-size cuffs for different animals



Efficiency and Easy to Use

uMEC Veterinary monitor is designed for ease of use and will make your work easier.

- 12.1 inches high resolution LED screen with optional touch screen
- Unique accessory cabinet makes accessories management effective
- Less than 4kg weight with battery make it portable



Reliable and Durable

To be effective in different environment, uMEC has low-power design and a series of rigorous tests to ensure long time use.

Low Power Design



No-fan Design



Low Power Consumption



Durable components

Multi-scenario Tests



Resistance 0.75m fall



Durable and robust casing