

## **uMEC12 Vet**

Safety & Efficiency for Veterinary Monitoring

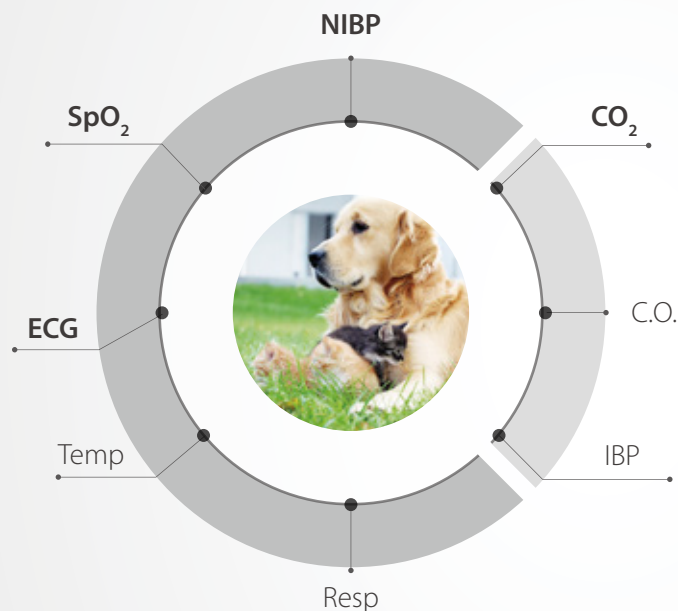


# Accurate Monitoring

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

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### Multi-scenario Tests



Resistance 0.75m fall



Durable and robust casing

## 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 <sub>2</sub> , NIBP, PR, RR, Temp	
Extended Parameters	CO <sub>2</sub> , 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	
SpO <sub>2</sub>		
SpO <sub>2</sub> range(%)	0 ~ 100	
PI Range (%)	0.05 ~ 20	
NIBP		
Operation mode	Manual, STAT, Sequence	
Range (mmHg)	Systolic:25 ~ 290 (>23kg) Mean:15 ~ 260 (>23kg) Diastolic:10 ~ 250 (>23kg)	25 ~ 240 (<23kg) 15 ~ 215 (<23kg) 10 ~ 200 (<23kg)
CO <sub>2</sub> Infrared absorption		
Sample flowrate	120 ml/min, 90ml/min	
Range (%)	0 ~ 20	