

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	

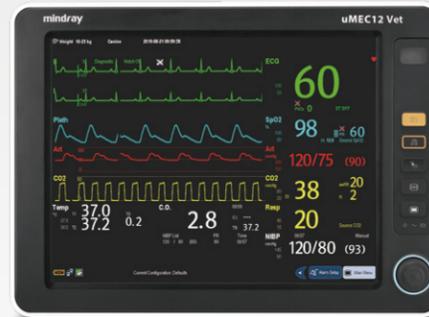
uMEC12 Vet

Safety & Efficiency for Veterinary Monitoring

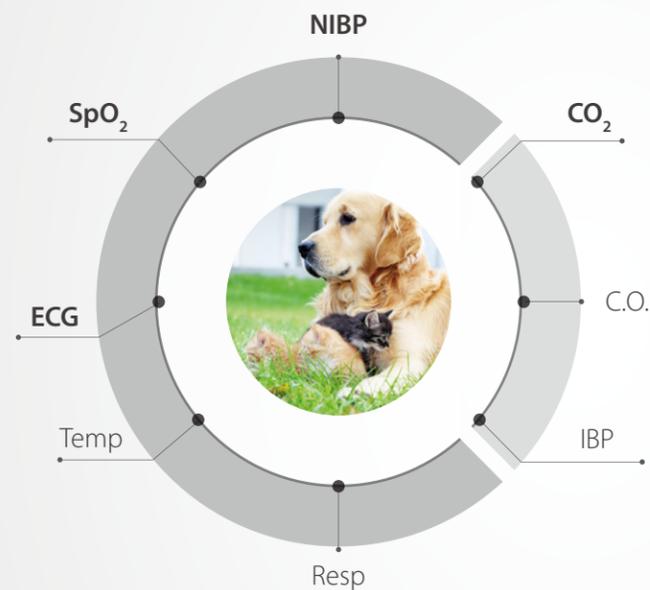


Accurate Monitoring

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

Multi-scenario Tests



Resistance 0.75m fall



Durable and robust casing