

MINDRAY UMEC12 MULTI-PARAMETER MONITOR

UMEC12VET-CONFIG*



PRODUCT DESCRIPTION

The Mindray uMEC12 is a reliable veterinary patient monitor designed to deliver clear, consistent monitoring for routine anaesthesia and everyday clinical care

Available parameters: NIBP, respiration, temperature, SpO₂, CO₂, IBP, and ECG

Dependable performance is paired with a simple, intuitive interface in the Mindray uMEC12, making it well-suited to efficient monitoring in busy veterinary environments. Its large touchscreen and straightforward, fixed configuration make it quick to set up and easy to use, enabling your clinical team to obtain accurate patient data with confidence and minimal training.

Designed to meet the busy demands of a first-opinion veterinary practice, the uMEC12 provides reliable ECG, SpO₂, NIBP, respiration, and temperature monitoring as standard, with optional CO₂ and invasive blood pressure (IBP) available to enhance capabilities if required. This ensures the monitor can support both routine procedures and more advanced clinical needs without adding unnecessary complexity.

Whether used during anaesthesia or for general observation, the uMEC12 delivers stable, real-time data that supports safe and effective clinical decision-making. Its practical design integrates seamlessly into daily workflows, helping improve efficiency across the team while maintaining a high standard of patient care.

Cost-effective and dependable, the Mindray uMEC12 offers essential monitoring functionality in a format that prioritises ease of use and reliability.

Simple, practical design

Designed for ease of use, the uMEC12 delivers reliable monitoring with minimal setup and straightforward operation.

- Fixed configuration monitor with essential parameters for routine use
- Intuitive interface supports quick setup in busy veterinary environments
- Reduces training requirements, enabling consistent use across teams
- Ideal for first opinion practices and day-to-day procedures

Essential monitoring

The Mindray uMEC12 provides the key parameters required for effective veterinary patient monitoring during routine anaesthesia and clinical observation.

- ECG monitoring
- SpO₂
- Non-invasive blood pressure (NIBP) measurement
- Respiration and temperature monitoring
- Clear, real-time data display for informed clinical decision-making
- Optional CO₂ and IBP monitoring to extend capability

Reliable performance with advanced technology

Incorporating proven Mindray technologies, the uMEC12 ensures accurate and stable monitoring across a range of clinical scenarios.

- Multi-lead ECG algorithm improves measurement accuracy and reduces false alarms
- NIBP quick-measurement technology minimises cuff inflation discomfort, supporting patient stability
- Anti-interference SpO₂ algorithm maintains reliable readings during motion or low perfusion conditions
- Optional 5-lead ECG expands monitoring capability with enhanced waveform visibility

Multi-species capability

Suitable for a range of veterinary patients, the uMEC12 supports consistent monitoring across common practice needs.

- Pre-set profiles for small animal patients
- Adjustable settings to suit different patient sizes and conditions

Profiles and basic customisation

Adapt the uMEC12 to match your clinical workflow and daily routine.

- Store commonly used profiles for faster setup
- Adjustable alarm limits and parameter configurations
- Simplifies preparation across different procedures and users

Data storage and connectivity

- Onboard storage including 120hrs of trends, 1800 alarms and events, 1600 sets of NIBP measurements, 48 hours of waveforms
- Supports connection to central monitoring systems via WiFi or LAN

Key Features

- Durable, waterproof construction
- Effective fan-less design that extends the life of the monitor whilst preventing dust ingress and cross-contamination
- Integrated carry handle for portability
- Unique accessory cabinet for organisation
- Suitable for mounting on anaesthesia machines
- Simple, fixed configuration for ease of use

- Reliable and consistent readings for routine procedures
- Clear and intuitive interface, reducing training time
- Large 12.1" high-res LED touchscreen display for easy viewing of patient data
- Adjustable alarm settings
- Suitable for everyday monitoring in general practice
- Designed for stability and ease of operation
- 4-hour continuous runtime with one Lithium-ion battery

Specifications list

Water protection	IPX1
Weight	4kg (Excluding battery and modules)
Battery type	Rechargeable lithium-ion battery
Battery run time	Up to 4 hours
Charge time	Less than 4hrs when off, less than 6hrs when on
Screen type	Capacitive, multi-point colour touchscreen
Screen size	12.1 inches
Resolution	800 x 600 pixels
LEDs	Alarm, Power, AC power, Battery
AC power input	1
Network connector	1 x standard RJ45 connector, 100 Base-TX, IEEE 802.3
USB connector	2 x USB 2.0

Box includes:

- Power cable
- Battery pack
- Dryline airway adapter
- Dryline II Water Trap, adult
- Neonatal NIBP hose
- 3 Lead ECG set
- Temperature probe
- Disposable cuffs
- Reusable SPO2 sensor
- Sampling line
- Water trap
- Airway adapter
- CO2 nasal sample cannulas
- Crocodile clips

ADDITIONAL INFORMATION

Animal	Mixed
SKU	UMEC12VET-config*
Colour/Style	White
Brand	Mindray
Catagory Sub Heading	Choose your simple, all-in-one monitoring solution.

Screen Type	Touchscreen
Power Source	Mains, Rechargeable
Optional Modules	No
SD Card	No

Good to know...

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