

## MINDRAY EPM12 MULTI-PARAMETER MONITOR BUNDLE

EPM12VET-CO2-PACKAGE



### PRODUCT DESCRIPTION

The Mindray ePM12 is a next-generation modular veterinary patient monitor, designed to deliver precise and reliable monitoring for advanced anaesthesia and tailored animal care.

**Bundle includes ePM12 monitor, multi-gas module, rolling stand, Burtons CO2, and exhaust kit.**

Available parameters: NIBP, respiration, temperature, SpO<sub>2</sub>, CO<sub>2</sub>, IBP, ECG and anaesthetic agent monitoring

Monitor configuration - Please note that the monitor can house only 2 x single modules or 1 x dual module at any one time.	
Parameters	Configuration & modules
ECG / Temperature / SPO <sub>2</sub> / NIBP / Respiration	Included with the monitor
CO <sub>2</sub>	Additional single module
CO <sub>2</sub> + IBP	Additional single module
Multi-Gas - CO <sub>2</sub> / O <sub>2</sub> / N <sub>2</sub> O/ Des/ Iso/ Enf/ Sev/ Hal	Additional dual module

Combining powerful diagnostic capabilities with an intuitive, tablet-like interface, the ePM12 is built to support faster, more informed clinical decision-making in demanding veterinary environments. Its advanced monitoring technologies provide highly accurate, real-time patient data, helping clinical teams maintain confidence and control throughout procedures.

Ideal for growing practices and referral centres, the Mindray ePM12 offers a flexible, modular platform that adapts as your requirements evolve. You can begin with essential monitoring parameters, including ECG, SpO<sub>2</sub>, NIBP, respiration, temperature, CO<sub>2</sub>

and IBP, and expand into advanced capabilities such as multi-gas anaesthetic monitoring when needed.

Whether used for routine veterinary procedures, advanced anaesthesia, or supporting low-flow techniques, the ePM12 delivers consistent, high-quality data you can trust, while its scalable design allows you to enhance functionality over time, protecting your investment and future-proofing your growing practice.

Building on the trusted Mindray uMEC platform, the ePM12 introduces a significantly enhanced user experience alongside upgraded performance. Features such as CrozFusion™ ECG technology, improved SpO<sub>2</sub> accuracy, and optional anaesthetic agent measurement work together to reduce false alarms, improve data reliability, and support safer, more efficient anaesthesia management.

**Modular, scalable design** that can be easily adapted as your practice needs grow.

**Advanced monitoring** with cardiac analysis and diagnostic insights.

**CrozFusion Technology** that merges ECG and SpO<sub>2</sub> signals into a single intelligent model, reducing false arrhythmia alarms and eliminating ECG double counting (e.g., T-wave misreads).

**Superior SpO<sub>2</sub> performance** delivering consistent SpO<sub>2</sub> readings even in low perfusion or high-motion scenarios.

**Multi-gas monitoring (additional dual module)**, supports low-flow anaesthesia and enhances team confidence by delivering precise agent control, reducing waste and lowering costs.

**Designed specifically for veterinary patient monitoring** with pre-set animal-specific profiles and settings.

## Flexible, scalable design

Built around flexibility, the ePM12 can be easily adapted as your practice needs grow. Simply click on extra modules to enable more advanced veterinary anaesthesia practices.

- Expandable with CO<sub>2</sub>, multi-gas monitoring, IBP and ECG, allowing you to enhance monitoring capability as your clinical demands increase
- Supports up to two single modules or one dual module at a time
- Start with a cost-effective base setup and upgrade over time as your caseload and clinical complexity grow
- Ideal for growing veterinary practices and referral centres

## Advanced cardiac monitoring and diagnostics

- The Mindray ePM12 provides advanced cardiac analysis and diagnostic insight
- Multi-lead ECG with 3 lead cable included and 5 lead available as an optional extra
- Advanced diagnostics, including 25-class arrhythmia detection, enabling earlier identification of cardiac abnormalities and supporting better clinical decision-making

## CrozFusion™ technology

Merging ECG and SpO<sub>2</sub> signals into a single intelligent model for enhanced accuracy.

- Maintains accurate readings even during poor probe contact, electrical interference, and patient movement, helping ensure data accuracy
- Reduces false arrhythmia alarms
- Eliminates ECG double counting (e.g., T-wave misreads)
- Provides a clear signal quality indicator

## Superior SpO<sub>2</sub> performance

Designed for challenging environments, the ePM12 delivers consistent SpO<sub>2</sub> readings even in low perfusion or high-motion scenarios.

- Adapts to tissue thickness variations, patients with complex monitoring needs, and difficult probe placements
- Particularly effective in advanced clinical environments and exotics, where accurate monitoring is often more difficult but essential

## Multi-gas monitoring (via additional dual module)

Enhance anaesthesia safety and efficiency with optional multi-gas monitoring, using Artema technology.

- Tracks O<sub>2</sub>, CO<sub>2</sub>, N<sub>2</sub>O, as well as Isoflurane, Sevoflurane, Desflurane, Enflurane and Halothane
- Supports low-flow anaesthesia by delivering precise agent control, reducing waste and lowering costs
- Improves anaesthetic depth control for safer, more stable procedures
- Supports safer monitoring practices through more accurate and continuous gas monitoring
- Enhances clinical confidence with precise monitoring and control throughout procedures

## Multi-species capability

- Dedicated equine and small animal profiles
- Species-specific ECG and NIBP configurations
- Enhanced SPO<sub>2</sub> accuracy that works for exotics and critical care

## Custom profiles and workflow optimisation

Adapt your patient monitor to suit different workflows, preferences, procedures and species.

- Stores up to 25 customised profiles, reducing setup time and ensuring consistency across procedures and users
- Each profile can include alarm limits, parameter configurations, species or procedure-specific settings
- Target parameter display option for prioritising key parameters

## Data storage and connectivity

- Extensive onboard storage - 2400hrs of trends, 48hrs of waveforms, 3000 sets of NIBP measurements, and 2000 sets of events
- Connect to the Mindray central monitoring system via Wi-Fi or LAN

## Key Features

- Durable, waterproof construction
- Fan-less design reduces dust ingress and cross-contamination, extending monitor lifespan and improving infection control
- Integrated carry handle allows easy movement between clinical areas
- Compatible with Mindray anaesthesia machine mounting brackets
- Modular design that can grow with your practice needs
- Improve anaesthetic precision and support low-flow practices by adding a multi-gas module
- Reduce false alarms and inaccurate readings with CrozFusion™ technology
- Ideal for exotics due to highly sensitive and accurate capnography
- 12.1" HD tilted touchscreen (1280 x 800 pixel) for easy viewing
- Tablet-like functionality with 90% of functions accessible within just two gestures
- Clear, intuitive interface reduces training time and improves team efficiency
- Target parameter display for prioritising key parameters
- Automatic highlighting of abnormal values
- Automatic ECG lead switching
- Immediate identification of disconnected leads
- Stores up to 25 customised profiles
- Species-specific profiles pre-set, from equine to small animal
- 4-hour battery life

The Mindray ePM12 delivers a powerful combination of flexibility, accuracy, and advanced monitoring, making it a future-proof solution for practices looking to elevate patient care and anaesthesia safety.

## Specifications list

Water protection	IPX1
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<b>Weight</b>	4.5kg (Excluding battery and modules)
<b>Battery type</b>	Rechargeable lithium-ion battery
<b>Battery run time</b>	Up to 4 hours
<b>Charge time</b>	Less than 5hrs when off, less than 10hrs when on
<b>Screen type</b>	Capacitive, multi-point colour touchscreen
<b>Screen size</b>	12.1 inches
<b>Resolution</b>	1280 x 800 pixels
<b>LEDs</b>	Alarm, Power, AC power, Battery
<b>AC power input</b>	1
<b>Network connector</b>	1 x standard RJ45 connector, 100 Base-TX, IEEE 802.3
<b>USB connector</b>	2 x USB 2.0

Watch our new product spotlight video [here](#) on the ePM12m Monitor!

## ADDITIONAL INFORMATION

<b>Animal</b>	Mixed
<b>SKU</b>	EPM12VET-CO2-PACKAGE
<b>Screen Type</b>	Touchscreen
<b>Power Source</b>	Battery, Mains, Rechargeable
<b>Optional Modules</b>	Yes

### Good to know...

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