

MINDRAY EPM12M MULTI-PARAMETER MONITOR

EPM12VET-BUNDLE*



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.

Available parameters: NIBP, respiration, temperature, SpO₂, CO₂, 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 ₂ / NIBP / Respiration | Included with the monitor |
| CO ₂ | Additional single module |
| CO ₂ + IBP | Additional single module |
| Multi-Gas - CO ₂ / O ₂ / N ₂ 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, SpO₂, NIBP, respiration, temperature, CO₂ 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 SpO₂ 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 SpO₂ signals into a single intelligent model, reducing false arrhythmia alarms and eliminating ECG double counting (e.g., T-wave misreads).

Superior SpO₂ performance delivering consistent SpO₂ 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 CO₂, 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 SpO₂ 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 SpO₂ performance

Designed for challenging environments, the ePM12 delivers consistent SpO₂ 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 O₂, CO₂, N₂O, 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 SPO2 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 |
| Weight | 4.5kg (Excluding battery and modules) |
| Battery type | Rechargeable lithium-ion battery |
| Battery run time | Up to 4 hours |

| | |
|--------------------------|--|
| Charge time | Less than 5hrs when off, less than 10hrs when on |
| Screen type | Capacitive, multi-point colour touchscreen |
| Screen size | 12.1 inches |
| Resolution | 1280 x 800 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 |

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

ADDITIONAL INFORMATION

| | |
|-----------------------------|---|
| Animal | Mixed |
| SKU | EPM12VET-bundle* |
| Brand | Mindray |
| Category Sub Heading | Configure your modular monitor to suit your practice needs. |
| Screen Type | Touchscreen |
| Power Source | Battery, Mains, Rechargeable |
| Optional Modules | Yes |

Good to know...

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