

MINDRAY VETA 5 PLUS ANAESTHESIA WORKSTATION

VETA5PLUS-CONFIG*



PRODUCT DESCRIPTION

The Mindray Veta 5 Plus is a fully integrated veterinary anaesthesia workstation designed to make ventilation safer, simpler, and more consistent, regardless of the user's experience level

Combining advanced anaesthesia delivery with adaptive ventilation, the system supports patients with spontaneous breathing through to full mechanical ventilation on a single platform. Real-time feedback, clear safety boundaries, and intuitive operation enable you to deliver reliable anaesthesia at every stage of care.

It is designed to feel immediately familiar, with controls and components positioned to streamline workflow and reduce complexity during procedures. By integrating core anaesthesia functions directly into the workstation, the system helps minimise setup time, connection errors, and potential leak points by reducing exposed tubing and connections.

Intelligent Ventilation & VS+ Technology

At the core of the Veta 5 Plus are Mindray's intelligent VS+ ventilation modes, engineered to enhance patient safety while supporting real-time clinical decision-making. By linking the ventilator with compatible Mindray patient monitors, including the uMEC12 and ePM12, the system continuously interprets respiratory parameters and responds dynamically to changes in patient condition. Seamless integration enables continuous assessment of ventilation effectiveness, with clear, staged alarms and automated adjustments applied within defined safety limits, ensuring clinical control always remains with your veterinary team.

Using real-time capnography, VS+ automatically adjusts ventilation settings to maintain effective respiration. This integration between monitoring and ventilation supports low-flow practices by reducing fresh gas flow (FGF) and anaesthetic agent (AG) usage, improving both efficiency and sustainability without compromising patient safety.

In support modes, the Veta 5 Plus observes spontaneous breathing and intervenes only when signs of compromise appear. Should ventilation needs increase, the system transitions smoothly to full mechanical support, delivering consistent performance throughout the anaesthetic procedure.

The system is supported by proven ventilator engineering. A bag-in-bellows design provides a constant, clear visual indication of ventilation performance, enabling rapid identification of leaks or disconnections, while independent fresh gas delivery and complete gas separation support safe, controlled anaesthesia throughout the procedure. An integrated turbine compressor supplies air to power the ventilator on demand, reducing dependence on external high-pressure air sources and allowing greater flexibility within the practice.

Introduce ventilation to your practice confidently, from spontaneous breathing support to advanced mechanical modes.

Detects patient changes early through continuous monitoring and responds within clearly defined safety limits.

Upgrade to the professional package for advanced mechanical ventilation modes, such as PCV and SIMV.

Facilitates and encourages low-flow anaesthesia, reducing fresh gas flow (FGF) and anaesthetic agent (AG) usage while maintaining safety through real-time feedback and adaptive adjustments.

Capnography-guided ventilation (VS+) to continuously optimise patient support within safe limits.

Inspiratory hold function designed to minimise respiratory motion when needed by extending the inspiratory phase.

Manual flip switch to instantly move from mechanical ventilation to manual bag ventilation, providing immediate hands-on control when required.

Clear, structured alerts and feedback, helping teams recognise and respond to changes in patient status with confidence.

Designed for intuitive use with easy streamlined start-up, and pre-set patient profiles for guidance.

Integrated turbine compressor requiring no driving gas, enabling flexibility around the practice and reducing extra costs.

Ventilation Modes

A comprehensive range of ventilation modes to support varying clinical needs:

VS - Volume Support

Provides supportive ventilation when spontaneous breathing becomes inadequate

VS+ - Volume Support Plus

Integrates capnography for continuous optimisation within safe limits, acting as your “clinical co-pilot”

VCV - Volume Controlled Ventilation

Delivers user-defined tidal volumes with full mechanical ventilation

PCV - Pressure Controlled Ventilation | Included with Professional Package Upgrade

Maintains airway pressure within limits by adjusting delivered volume

SIMV - Synchronised Intermittent Mandatory Ventilation | Included with Professional Package Upgrade

Supports spontaneous breathing while synchronising mandatory breaths

Key Features

- **8” capacitive touchscreen** for centralised, easy-to-use controls
- **Integrated circle breathing system** with quick-change absorber
- **Automatic leak testing** at system startup for fast pre-use checks
- **Bag-in-bellows ventilation** with visual feedback and early leak detection
- **Integrated turbine compressor** drawing room air to power the ventilator
- **Integrated oxygen flowmeter** (0.1–4.0 l/min; optional 10 l/min)
- **Built-in safety features** such as APL valve and oxygen flush
- **ACGO toggle** for easy switching between circuits
- **Manual flip switch** for rapid transition between mechanical and manual ventilation
- **Reduced exposed tubing** through fully integrated design, helping minimise disconnections
- **Sturdy 4-star base with lockable castors** for manoeuvrability and stability

- **Space for monitor mounting and cable management** to maintain a clean workspace
- **Optional onboard concentrator tray and absorber weigh scale** for additional functionality
- **Seamless connection to piped gas outlets**
- **Compatible with all Selectatec vaporisers**
- **Available with O₂ or O₂ + air options**
- **Optional anaesthetic gas absorber holder** with built-in weigh scale
- **Built to last**, with every Mindray system undergoing rigorous IPX rain, humidity, and vibration testing
- **Full range of bespoke accessories available**

Build your ventilation confidence with support you can rely on

You are never on your own. Every system is backed by Burtons nationwide network of Mindray trained equipment experts, with free commissioning at delivery by our service engineers, in practice support from our equipment and clinical experts, and responsive servicing throughout the lifetime of your equipment.

[Book an in-practice demonstration today!](#)

Specifications

Dimensions: 1375mmH x 620mmW x 690mmD

Weight: Excluding gas canister, concentrator - 43kg / Including all additional accessories - 85kg - 100kg

Base: 4 x lockable castors

Screen: 8" display/ 1024 x 765 resolution / Adjustable brightness

Connections: D89 male connector, RJ-45 network connector / USB port

Gas supply: air, and/or oxygen

Gas supply pressure range: 280kPa to 600kPa

Input connector: NIST or DISS

Flow range: 0L/min - 100L/min

ADDITIONAL INFORMATION

Animal	Small Animal
SKU	VETA5PLUS-CONFIG*
Brand	Mindray
Concentrator	No
Optional O2 Alarm	No
Optional N2O	No
Emergency O2 Flush	No

Good to know...

At Burtons we know you have a choice to shop with us, that is why we always aim to delight our customers with a fast, easy, shopping experience. Making and sourcing only the best products we can find to fit your needs. Price Matching: We regularly check all our prices against competitors so you don't have to. If you do find a like for like product cheaper we will aim to not just match it, but beat it! Backorders: All back ordered items will be ordered and shipped as quickly as we can to you. Special order items may take up to 4 weeks. Once ordered a member of our team will be in contact to keep you informed of estimated delivery dates. Returns Policy: You may return new, unworn or unused products within fourteen (14) days of delivery for a full refund of the cost of the goods, or an exchange if preferred. This is on top of your statutory rights

