

BURTONS ADAPTABLE ANAESTHESIA MACHINE SYSTEM

102-068-BUNDLE



PRODUCT DESCRIPTION

A classic from the Burtons Adaptable range. Crafted for today's practice, and ready for tomorrow's challenges.

Engineered in the UK with veterinary professionals in mind, the Burtons AAA Adaptable Anaesthesia Machine delivers performance, safety, and unmatched flexibility. Its durable stainless-steel frame is completely configurable to support setups ranging from basic anaesthesia circuits to fully integrated anaesthesia systems.

What sets the AAA apart is its scalable, future-ready design. As your practice grows, the machine grows with you. Begin with a simple setup and expand over time, adding components such as a patient monitoring shelf, ventilator, or oxygen concentrator when you need them. There's no need to replace the unit or reconfigure your machine. This adaptability ensures your investment remains valuable and functional, regardless of how your clinical needs change.

Whether you're working with piped gases, onboard 'F' size cylinders, or a built-in concentrator, the AAA ensures uninterrupted oxygen delivery across your practice. Move patients safely from prep to theatre without disconnecting and seamlessly switch to cylinder supply in the event of a power outage.

Designed for low-flow anaesthesia, the AAA features a high-precision logarithmic flowmeter for fine control and clear 180° visibility. It pairs perfectly with Burtons highly accurate Vaportec vaporisers to create a reliable solution for Low-Flow procedures.

AAA Adaptable Anaesthesia Machine Frame

- Built to Last - Crafted from high-quality stainless steel at Burtons UK facility, the frame is durable, easy to clean, and designed for a lifetime of use.
- Modular Configuration - Ventilator ready when you are. Add optional accessories such as a patient monitoring shelf, ventilator shelf, or oxygen concentrator at any time; no need to replace your existing machine.
- Compact and Mobile - Designed for efficient use of space with ample onboard storage and easy mobility. Easily move your

anaesthesia setup to suit your workflow. An onboard oxygen concentrator and cylinders allows smooth patient transfer from prep to theatre without disrupting oxygen delivery.

Multiple Oxygen Sources

- Seamlessly connects to a variety of oxygen sources, including:
 - Two onboard 'F' size cylinders
 - Built-in oxygen concentrator
 - Direct connection to piped gas outlets
- Allows uninterrupted oxygen delivery in all clinical scenarios

User-Focused Design

- Open and Accessible Frame - Ensures easy access to all critical components and simplifies cleaning and maintenance.
- Wide Back-Bar Layout - Strategically spaced to allow tidy tubing and unobstructed use of the rebreathing bag.
- 180° Visibility - Critical controls, vaporisers, and circuits are positioned high on the frame, as is the flowmeter that is designed to have a viewing angle of 180° for optimal visibility.

Advanced Safety Features

- Concentrator Changeover Valve - Instantly switch between the oxygen concentrator and cylinders with a single switch, no reconfiguration required.
- Oxygen Flush System - Delivers a direct oxygen flush from the concentrator, ideal for circuit purging or emergency resuscitation.
- Emergency O2 flush with dual one-way valve system and pressure relief - An integral safety mechanism on all Burtons Anaesthesia Machines. Designed to deliver oxygen rapidly in emergencies, whilst protecting the patient from potential harm. Here's how it works to keep your patient, and your equipment protected:
 - The emergency O2 flush delivers a high flow of 100% oxygen directly to the breathing system in the case of an emergency, bypassing the vaporiser.
 - Our dual one-way valve system prevents backflow into the vaporiser during IPPV, crucially preventing unintentional delivery of a bolus of anaesthetic agent. It also ensures that expired gases or pressure surges don't enter other components.
 - The pressure relief mechanism prevents system damage should the common gas outlet or any of the attached tubing become blocked.

Low-Flow Anaesthesia, Made Simple

- Precision Flow Control - Equipped with a high-accuracy logarithmic flowmeter for precise delivery, ideal for low-flow techniques.
- Easy Transition - Whether you're new to low-flow anaesthesia or upgrading your existing setup, the AAA makes it easy to adopt best practices.
- Clear Visual Feedback - Unique flowmeter design with a visible bobbin (resembling a rocket) that spins when flow is active, offering clear and immediate feedback. Outperforms traditional "spinning ball" systems, providing consistent results every time.

Built-In Value

- Full 1-Year Warranty on core components.
- Supported by Burtons' equipment experts and nationwide servicing network across the UK and Ireland.
- Sustainability in Practice - Designed and manufactured in the UK with future-proof adaptability. No need to discard old equipment, just upgrade when you're ready.

Technical specs:

- Dimensions: 1380 x 460 x 570mm HWD (see diagram of dimensions above)
- Weight: 20kg

Don't forget your Vaporiser

The Series 3 is a temperature compensating, out of circuit vaporiser in a traditional design, familiar to most veterinary practitioners. Calibrated specifically for the specified anaesthetic drug using a laser refractometer. *Please note: Vaporiser Sold Separately*

Fitting Type

Choose from the standard taper mounted fitting (cage mount) (UNI) or the quick release (QR) option; allowing you to easily swap the vaporiser to different anaesthetic machines throughout the practice. Additional quick release compatibility blocks will be required for each anaesthesia machine. (Available separately)

Key filled or Funnel (Pour fill)

Key filled (KF) systems require the addition of key filler adaptors but are generally safer and have a lot less wastage compared to standard funnel filled (FF) vaporisers, saving you money in the long run.

Manufactured to last

Burtons Veterinary - At the heart of veterinary anaesthesia for over 30 years.

We don't just supply it! It was designed and built by Burtons in the UK, made to the exacting high standards of British manufacture since 1981, at our principal manufacturing facility in Staplehurst, Kent. Using the latest CNCs and laser manufacturing processes and high-quality stainless-steel materials, this product has been engineered from the ground up to last!

This allows us to reduce our carbon footprint with incredibly low product mileage, made with fully recyclable materials, which contribute to a circular economy.

Free Expert Commissioning with Every Anaesthesia Machine

At Burtons, we support you from day one. That's why we offer free onsite commissioning with every anaesthesia machine purchase.

Once your order is confirmed, one of our expert service engineers will be in touch to arrange a visit at a time that suits you. During the visit, they will:

- Fit and calibrate your vaporiser
- Test and check that your machine is working perfectly
- Install your concentrator if required
- Answer any questions and walk you through the setup and operation

We'll make sure you're fully set up and ready to go, with the option of additional training from your local product expert if needed.

Please note: bracket fitting or any construction work is not included as part of commissioning.

Annual Anaesthesia Machine Service Plans Available

Keep your machine performing at its best with our annual service plans, designed to maintain accuracy and reliability at the heart of your anaesthesia system. Enjoy peace of mind with ongoing support from our UK-based expert service team, just a phone call away.

ADDITIONAL INFORMATION

Animal	Small Animal
SKU	102-068-bundle

Overall Product Dimensions (mm)

43 x 57 x 138cm WDH

Colour/Style

Stainless Steel

Category Sub Heading

Configure to your practice needs!

Gas Type

Concentrator

Gas Supply

'F' Size Cylinder(s)

Flowmeter Type

Flowmeter

Concentrator

Yes

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