

## CYCLOFLO 2 CIRCLE CIRCUIT WITH BUILT-IN MANOMETER

103-082-M



### PRODUCT DESCRIPTION

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**By combining the proven performance of the CycloFlo 2 system with a built-in manometer, this updated model improves both functionality and safety.**

It's a user-friendly option for practices seeking to streamline their anaesthesia protocols while ensuring consistent quality of care.

### Why Choose CycloFlo 2?

- Improved Patient Safety - The new spring-loaded blue APL valve automatically releases excess pressure, even if accidentally left closed, safeguarding patients against dangerous pressure build-up.
- Lower Flow Anaesthesia - Thanks to its fuller rebreathing bag design (approx. 60% inflated during use), the CycloFlo 2 maintains tidal volumes with less fresh gas flow, achieving true low-flow anaesthesia and minimising gas wastage.
- Supports Large Tidal Volumes - With up to 1.4 litres of available gas from a 2-litre bag, patients comfortably receive the volumes they need without constant gas flow adjustments.
- More Control of Manual IPPV - The adjustable blue APL valve offers accurate, reliable control when manual IPPV is required.
- Economical & Eco-friendly - Dramatically reduces the use of costly anaesthetic gases and volatile agents while lowering atmospheric pollution.

### Key Upgrades from the Original CycloFlo

- Enhanced Safety: The original black APL valve does not release excess pressure when closed; the new blue APL valve safely releases at  $\sim 30\text{cmH}_2\text{O}$ .
- Fuller Reservoir Bag: From just 10% full on the original system to  $\sim 60\%$  full with CycloFlo 2, making gas available for large tidal volumes and easier monitoring.
- Merlin Ventilator Compatible: No additional bags or tubing required - ready to integrate straight out of the box.
- Even Lower Resistance: Optimised design helps reduce patient effort and risk, while preserving respiratory heat and moisture.

### Additional Features

- Audible safety release during leak testing (~30cmH<sub>2</sub>O) for peace of mind
- Clear, easy-to-monitor bag movements with a naturally fuller reservoir bag
- Lightweight 1.3kg canister with septum insert to minimise absorbent waste
- High-visibility one-way valves for instant visual confirmation
- Fast, simple maintenance and easy-fit V-mount design
- Designed for bodyweights between 7–150kg

## Integrated Manometer

The pressure gauge is now seamlessly integrated into the unit, providing continuous and accurate pressure readings during procedures without the need for separate attachments. This reduces clutter, setup time, and the chance of disconnection or leaks.

### Manometer pressure gauge features

- Measurements are in cmH<sub>2</sub>O
- Colour-coded range of 0-60cmH<sub>2</sub>O Pressure and 0-30 cmH<sub>2</sub>O Vacuum
- Can be attached to the Cyclo-Flo Circle Breathing System
- Attachment location: On top of the Cyclo-Flo main unit, threads into a grommet connection via a ¼ BSP (British Standard Pipe) (13.16mm) connector

## ADDITIONAL INFORMATION

<b>Animal</b>	N/A
<b>SKU</b>	103-082-M
<b>Durability</b>	Non-Disposable
<b>MRI Compatible</b>	No
<b>Circuit Type</b>	Circle System
<b>Brand</b>	Burtons

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