CYCLO-FLO CIRCLE CIRCUIT V2

103-082

PRODUCT DESCRIPTION

The Cyclo-Flo is a circle breathing system that allows the inhalation of previously exhaled gases once CO_2 has been removed, thus being more economical in the use of anaesthetic gases and volatile agents compared to a non-rebreathing system.

Additionally, the lower flow utilised by circle breathing systems reduces the negative environmental impact of atmospheric pollution. Designed for use with small animals, this low resistance breathing system has patient benefits including reusing warmed and humidified respiratory gases.

The latest design includes a spring-loaded APL exhaust valve, which releases excess pressure from the breathing system depending on its setting and fresh gas flow, improving patient safety. The APL valve also allows for accurate and controlled manual IPPV when required. Due to a re-design of the inner workings, the Cyclo-Flo can now be used with a Merlin Ventilator, without additional bags and tubing required.

Re-designed to provide even lower resistance than ever before, the Cyclo-Flo has been developed to be more economical. It is a circle breathing system that allows the inhalation of previously exhaled gases once the CO2 has been removed thus being more economical with the use of anaesthetic gases and volatile agents compared to non-rebreathing systems, this also reduces the impact of atmospheric pollution. Designed for use with small animals, it produces the minimum resistance possible – patient benefits of this include a reduction in the loss of body heat and respiratory moisture as the warmed and humidified anatomical dead space gases are re-used.

Key Features

- When fully open, the APL valve releases at pressures of <1cmH_2O
- With an open APL valve, the reservoir bag remains approximately 60% full, providing adequate gas for large tidal volumes
- The APL valve is designed for patient safety: if accidentally left closed it will release excess gas at pressure ~30cmH_2O
- Designed specifically to provide the lowest resistance possible
- Compatible with virtually any anaesthesia machine
- Large capacity (1.3kg) easy fit canister
- Canister septum reduces absorbent wastage
- High visibility one-way valves
- Simple and minimal maintenance
- Medical V type mounting - easy to fit and remove
- Suitable for bodyweight range 7-150kg

ADDITIONAL INFORMATION

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

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