COMEN

COMEN Share with the World

ARK7
Veterinary Anesthesia Machine

Compact, professional, and versatile.

The ARK7 anesthesia machine offers advanced functions and an efficient veterinary anesthesia platform to help veterinarians deliver professional, versatile, and precise anesthesia care to ensure the safety of animal anesthesia.

Compact, ergonomic, and flexible workflow supported.

Functional handle

Ergonomically designed and functionally placed, increased mobility.

0-4L/min Flow meter

Easy to understand dials, allows precise O2 and airflow.

ACGO

Auxiliary Common Gas Outlet decrease cross infection by disposing waste gas into the destinated circuit. It also decreases the risk of carbon dioxide retention during surgery.
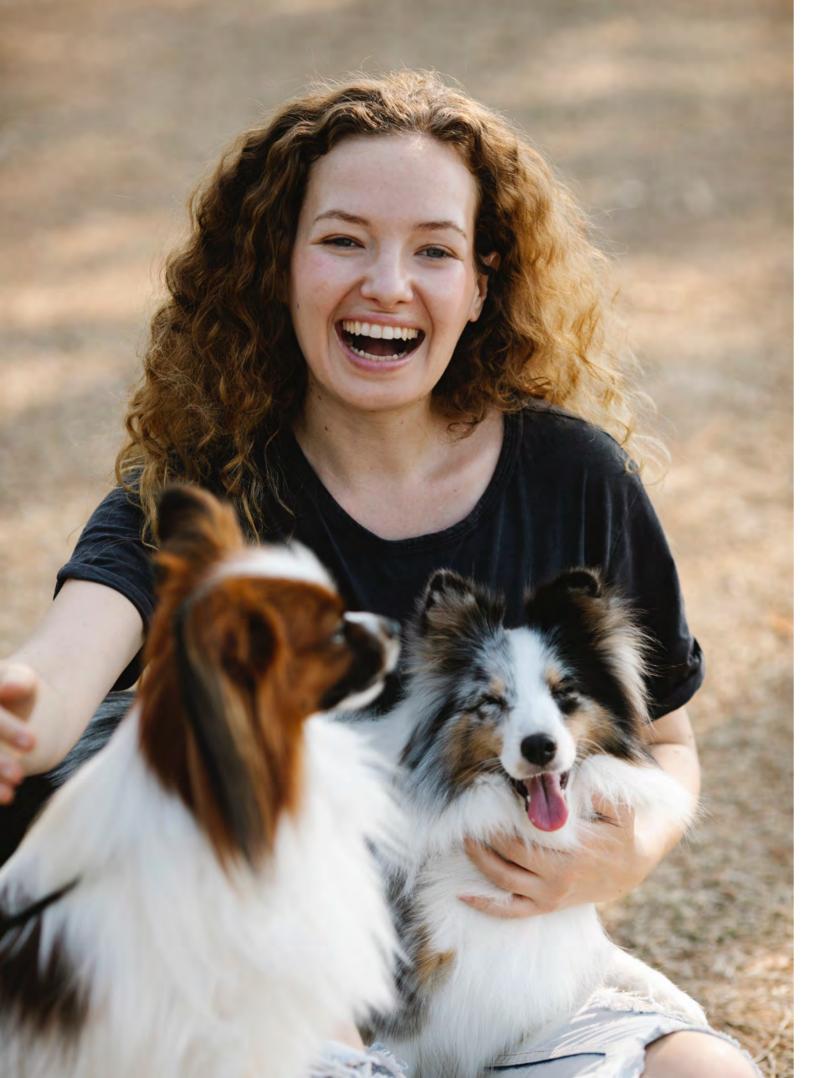
Flush O$_2$

Provides high flow oxygen at the rate of 10L/min~30L/min. Oxygen can be quickly delivered in the event of a decrease in oxygen concentration.

Two kinds of waste gas scavenging system

Intelligent and easy-to-use touchscreen

An 8-inch touch screen with a clear and well-structured UI design to help simplify your workflow.

Advanced ventilation mode and monitoring for animal care

VS mode

- The minimum tidal volume is down to 5ml, which can help to provide precise ventilation.

- Tidal volume is automatically calculated by inputting animal weight.

- According to the compliance, resistance, and respiratory effort of the animal's lungs, the support pressure is adaptively adjusted to ensure the ventilation quality of the animal.

- It supports spontaneous breathing triggering, has good animal-machine synchronization, and improves animal ventilation comfort.

- Backup ventilation support, escorting the life safety of animals.

Modular parameter monitoring

Integrated EtCO2 module supports real-time vital parameters monitoring and features a modular technical design that is space-saving and user-friendly.

The physiology of CO2 production, metabolism, and excretion is so intricately linked to proper cardiopulmonary function, ETCO2 monitoring can provide information concerning the status of patient ventilation, circulation, and metabolism.

Small, space-saving and detailed

Veterinary hospitals and clinics are mainly small-scaled, with high requirements for space utilization.

Saving space

The ARK7 anesthesia machine is lightweight and compact. Provide more space within the operating theater.

Excellent storage ability

The integrated storage basket increased its space for vital accessories storage.

Flexible workstation

Multi-function trolly design with 4-inch casters allows smooth and quiet multi-directional movements.

The top can hold up to 20kg, which offers more space to hold other important equipments.

The optional oxygen generator tray allows oxygen source to be at the proximity.

Accuracy and safe

The mortality rate for animals under anesthesia is approximately 0.1%. That's 10 times higher than human. Therefore, Comen is aiming to provide accurate anesthesia machines that provide safe animal anesthesia.

Powerful and high-accuracy vaporizer

High accuracy vaporizer was developed to provide accurate delivery of anesthetic gas, thus reducing complications during anesthesia.

Support two types of anesthetic gas including Isoflurane & Sevoflurane. Supports various types of refilling methods including Pour Fill, Key Fill, Quick Fill, and Easy Fill.

Adjusted Pressure-Limiting (APL) valve

Allows broader pressure range suitable for various sizes of domesticated animals.

High-volume CO_2 absorbent canister

Allows anesthetic gas to recycle. Minimize waste and ensures the safety of veterinarians.