

RWD

Veterinary Anesthesia

One-stop Solution





Animal safe anesthesia is a prerequisite for the smooth progress of animal diagnosis and treatment. In fact, inhalation anesthesia is widely used in veterinary medicine now, so why inhalation anesthesia is essential?

- Less dependent on liver metabolism and kidney excretion than injectable.
- Stable recovery without delay after surgery.
- The patients are not easy to be allergic, minimizing the risks of anesthesia.



- With inhalation anesthesia veterinarians can treat difficult diseases, thereby increasing the success rate of operations.
- It helps in controlling the patients in multiple diagnosis and treatment scenes, in the meantime protecting the veterinary staff.



- Reduces the risk of injury to veterinary staff and medical disputes.
- Helps to expand the medical business and increase efficiency and effectiveness of business operations.



In addition to anesthesia, the safe implementation of anesthesia also requires attention to anesthesia monitoring, ventilation, etc.

Monitoring

Proper anesthetic depth for safe and effective anesthesia, which need continuously monitoring cardiovascular, respiratory, and central nervous system functions

Ventilation

When is mechanical ventilation required?

- **Mandatory**

- Thoracic surgery
- Use of neuromuscular blockers
- Lung disease
- When normoxemia is not maintained despite the supply of O₂
- Hypercapnia

- **Highly recommended**

- Low lung /thoracic compliance
- Obese patients
- DTVG
- Pregnant females
- Laparoscopic surgeries

- **Beneficial**

- Dorsal decubitus
- Any patient under general anesthesia

RWD aims to support veterinary clinicians by providing veterinary anesthesia one-stop solution. It includes all important aspects: oxygen generation, anesthesia, waste anesthetic gas absorption, monitoring and mechanical ventilation. Perfectly designed for ease of use, simplicity and safety, good for all pet hospitals and clinics.





Provide safer and more efficient anesthesia

R620-S1 Veterinary Anesthesia Machine

Modern anesthesia machines R620-S1 can keep animals safer and more stable during surgery procedure, and make your work more efficient and easier. It's suitable for clinical anesthesia of different sizes animals, such as dogs, cats, pigs, monkeys, reptiles, birds, and etc.



Rail-mounted CO₂ absorber



APL valve



Pole mounts: five-foot base/H-base



Circuit switch

- High accuracy vaporizer, each one has an independent report
- APL valve for quick-occlusion, convenient for intraoperative emergency needs
- Rail-mounted CO₂ absorber, so easy to install and disassemble
- 0-4L/min flow meter, red cylindrical float, stable and easy to read
- Good waste gas scavenging system, remove waste anesthesia gases from the operating room
- Simultaneously equipped with rebreathing and non-rebreathing circuit systems, and can be shifted by one switch
- Two options for pole mounts: five-foot base/H-base
- Support hanging E-type oxygen cylinder
- Convenient monitor shelf
- Limited 3-year warranty



Intelligent design to ensure safety of animal ventilation

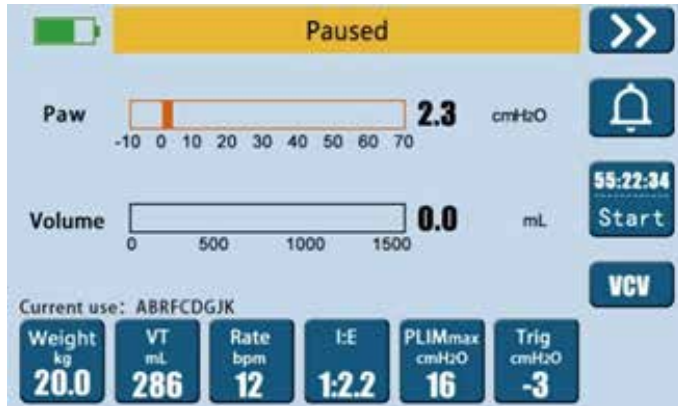
R419 Intelligent Animal Ventilator

R419 Intelligent Animal Ventilator is a mechanical ventilation device, specially developed for veterinary clinic. It's designed to provide safe and efficient ventilation for animals so that the veterinarian can focus on the details of the operation and improve surgical efficiency.

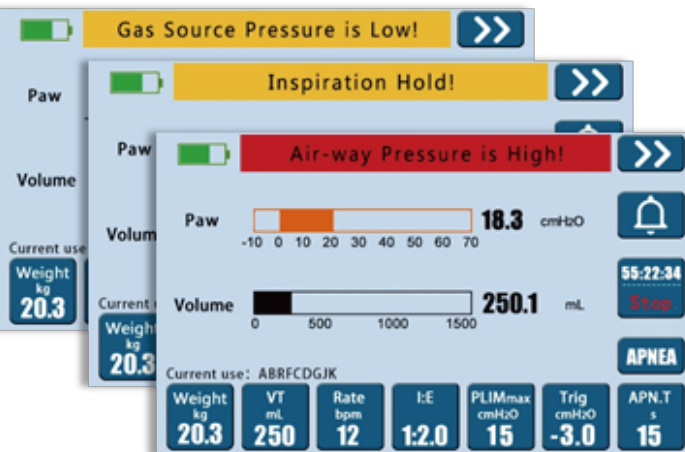


- Equipped with three working modes: VCV/PIPCV/APNEA
- Built-in dog and cat standard breathing parameters
- 20 sets of frequently-used parameters can be stored and retrieved by vets
- Cover 11 alarm events, provide operators with timely judgement
- Touch screen and 75° visual surface design for easy operation
- Suitable for animals within 100kg
- Optional PEEP function, which can solve low SpO₂ problem for veterinarian during surgery

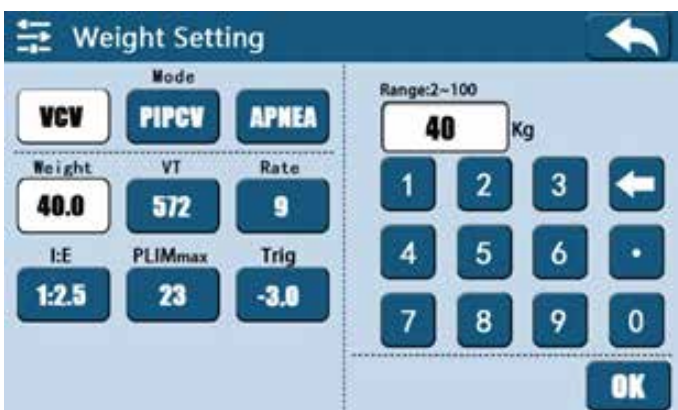
Interfaces



- **Real-time display of volume and air-way pressure:**
reading and column chart.



- **11 Kinds of alarm events,**
provide operators with
timely judgement



- **Built-in dog and cat standard breathing parameters:**

You just need to put animal's weight, parameters can be obtained directly.



Continuous monitoring of animal vital signs

● RM300 ● RM400S ● RM400M

The monitoring parameters of RM monitor series include 3-lead or 5-lead electrocardiography (ECG), respiration (Resp), non-invasive blood pressure (NIBP), pulse oximetry (SpO₂), temperature (Temp) and end tidal carbon dioxide (EtCO₂).



- 10.4"Color TFT-LCD screen, intuitive and easy to operate.
- Can store the trend data for 120 - 168 hours and has the function of displaying trend data and trend graphs.
- Function of alarm event reviewing, can store 1000 - 1800 pieces of alarm events.
- Anti-perfusion digital blood oxygen saturation measurement, sensitive and reliable.
- Multiple measuring functions include 5-lead ECG/HR, RESP, TEMP, SpO₂/Pulse, NIBP.
- The complete builtin module design ensures stable performance, easy replacement and maintenance.
- Multiple display methods to meet individual needs.
- Equipped with 5 cuffs of different sizes to meet the measurement needs of various body types
- Unique all-lead ECG on-one-screen display, which can facilitate the diagnosis and analysis of cardiac disease.
- High-Frequency Electro tome Resistant & Defibrillation Effects Resistant.
- With 270° degrees view alarm light design and 3 levels of alarm, it is clearer.



Endless oxygen generation, continuous oxygen supply for anesthesia

ROC-5A Veterinary Oxygen Concentrator

ROC-5A is specially designed for veterinary clinical applications. Using the Pressure Swing Adsorption working principle, it draws in and generates medical grade oxygen (USP93%) by using only room air, never run out of oxygen.



- One for Multi-use: 5L/min flow rate, supply oxygen for anesthesia, postoperative recovery, ICU, first aid and etc.
- Cost-effective: Using only room air, it draws in and generates medical grade oxygen (USP93%), never run out of oxygen.
- Quart-filtration System: Ceramic fiber · Intake filter cloth · Build-in filter · Humidifier bottle, 99.999% bacteria, viruses and odor can be removed effectively.
- Time Preset: Support presetting oxygen producing time, and will automatically stop working when time up.
- Safe: Alarming Low Oxygen Concentration and Abnormal Situation, remind vet to handle on time.
- Quiet design, offers you a comfortable working environment.



Customer Testimonials



“ First in comparison to several other anesthesia machines the good workmanship and the thoughtful details of the R620-S1 have convinced us. Or two months we have now been using the intelligent ventilator R419 and we are really excited about it. It offers all ventilation modes like volume controlled, pressure controlled and assisted ventilation and the clear layout of the display makes setting easy. ”



“ We got RWD anesthesia machine and the ventilator 2 months ago at #WASAVA conference.
The machine was easy to assemble and use.
The machine is working fine and very easy to switch from non breathing to breathing circuit with one switch.
The ventilator can be use from smallest to a largest companion animal.
We are happy with both the machine and the ventilator and have no complains. ”



Customer Testimonials



Dr. Pablo E Otero
DVM, PhD. Professor in Charge of the Department of Anesthesiology
Faculty of Veterinary Sciences. UBA

“ We have received the anesthesia machine and we are using it with our students and colleagues in our post-degree program. The device works fantastically well. The ventilator is very sensitive and adapts well to small patients, which is always important. It is super intuitive and very easy to control. Additionally, the absorbent filter for ISO makes it optimal for use in spaces without the "gas-exit" as in our case the X-ray or tomography rooms. ”



Dr. Maykel Povea Mora
DVM, MSc, MRCVS, MANZCVS
Santa Lucia Veterinary Teaching Hospital



“ I am absolutely delighted with the anesthetic machine; it was easy to assemble and use. It is not only very efficient but also very economic to run (saving anesthetics), and its portability makes it ideal to use anywhere in the Hospital. I am most impressed with the RWD Intelligent Ventilator, as a busy training school where we perform countless complex surgical procedures, we need a ventilator which is reliable and simple to use, I truly believe there is no other ventilator in the market that is more suitable. ”

About RWD

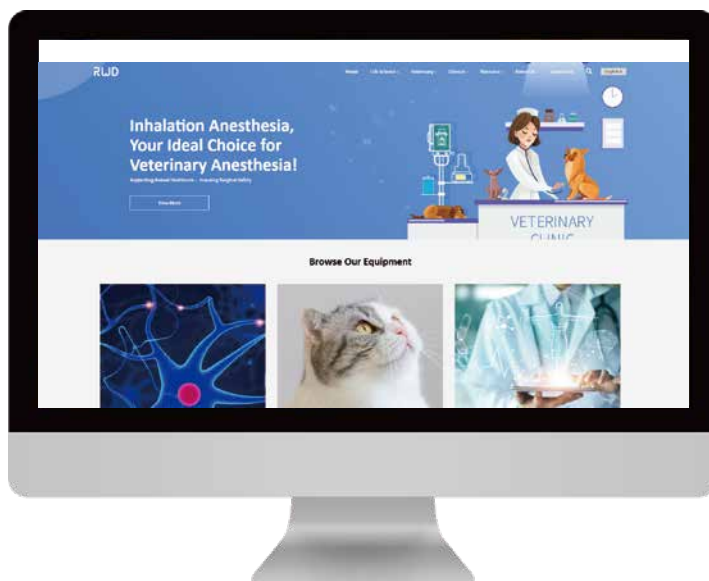
RWD Life Science specializes in life science, animal healthcare, and medical devices, aiming to provide our customers with reliable solutions and services.

In animal health, we are proud to design and manufacture quality veterinary equipment and supplies, such as anesthesia machines, intelligent ventilators, veterinary monitors to dental units, veterinary ICU. We have always insisted on continuously innovating and optimizing our veterinary medical equipment based on user experience.

With its reputation of high quality products, RWD has served over **300+** hospitals, **1000+** research institutes, **6000+** universities, **11000+** animal hospitals and clinics.



Learn more about us at
www.rwdstco.com





RWD

*Makes veterinarians work easier,
pets safer, and owners
feel more at ease.*



RWD Life Science Co., Ltd

Add: 19-20/F, Building 7A, Shenzhen International Innovation Valley, Dashi
1st Road, Nanshan District, Shenzhen, Guangdong, P.R. China

Web: www.rwdstco.com E-mail: rwd@rwdstco.com