

# RWD

## Inhalation Anesthesia



# 小動物用麻酔ガス装置・余剰ガス回収装置

2002年に設立された **RWD ライフサイエンス**は、世界中のユーザーに生理学用研究機器の要製造に専念し、

**RWD・USA** 設立以来、北米・欧州にて性能、価格が認知され前臨床研究者ユーザーを急速に拡大しています。

**RWD ライフサイエンス**の使命は、専門的なサポートを得て、迅速にお客様に、高品質な製品と、生理学研究のための統合ソリューションを提供することです。麻酔装置、人工呼吸器、脳定位固定装置、シリンジポンプ、カニューレシステム、精密外科用ツールなどがあります。



### Multi-function Anesthesia Solutions



The experimental system is equipped with a gas recovery system to provide a safe experimental environment to maximize the protection of the operator by replacing different types of anesthesia machines and masks to meet the needs of animal experiments, such as cerebral ischemia and myocardial ischemia model, osteoporosis model, tail vein injection, abdominal aorta blood sampling, heart blood sampling, ventricular injection, tissue / organ removal and other animal surgery experiments.

### Combination Solutions of Ventilator to Anesthesia System

#### Small animals



This program is the combination of anesthesia machine and ventilator. While keeping the animal under anesthesia, it provides a certain volume (tidal volume) of oxygen and respiratory rate to support the normal breathing of animals.

It can meet the requirements of long surgeries or surgeries on animals suffering from certain diseases (such as cardiovascular and cerebrovascular diseases, hypertension, cerebral infarction, thrombosis), and suitable for mice, rats, rabbits, cats and other animals within 5KG.

### Stereotaxic Anesthesia Solutions



By changing the different types of stereotaxic instruments and adaptors to meet the needs of different animal experiments, such as the neurological disease models (such as Parkinson, Alzheimer's disease, cranocerebral injury, spinal cord injury, etc.), brain drug injection, Cannula Implantation (long term repeated administration), physiology experiment (such as nerve stimulation, signal recording, wireless telemetry, etc.), microdialysis experiments (probe implantation and short-term dialysis) and other experiments.

### Large animals



研究目的に応じた組み合わせが可能です



## 関連機器



( only be for 68021 and 68088 rat adaptors. )



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