

Specification

Item	Specification
Working principle	Turbo drive
Size	291mm×336mm×462mm
Net weight	8.4kg
Animal weight range	0.4 kg-150 kg
Respiratory rate	2~60bpm
I:E	1:1.0-1:4.0
Tidal volume	4-1500 ml
Peak inspiratory pressure	5-50 cmH <sub>2</sub> O
PEEP	3~20 cmH <sub>2</sub> O, OFF
Trig pressure	PEEP OFF: -10~ -1cmH <sub>2</sub> O, OFF; PEEP ON: -10~ -4cmH <sub>2</sub> O, OFF
Touch screen	7inch, 1024*600px
EtCO <sub>2</sub> measuring range	Measuring range :0mmHg – 114 mmHg
EtCO <sub>2</sub> sample flow rate	75ml/min

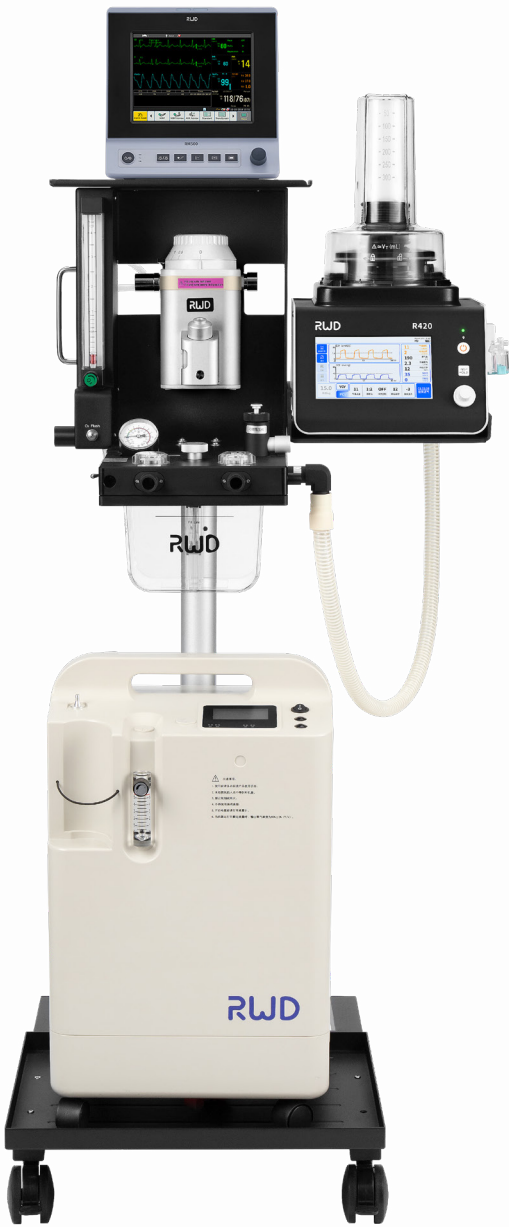
Configuration

Function \ Model	R420	R420-Plus	R420-Pro
Smart preset	●	●	●
VCV ventilation mode	●	●	●
PCV ventilation mode	●	●	●
PEEP	●	●	●
Sidestream EtCO <sub>2</sub> monitoring	○	●	●
INSP. HOLD remote control	○	○	●

Included● Excluded○

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R420  
Veterinary Electric Turbo Ventilator

RWD



Veterinary  
Ventilation Innovation

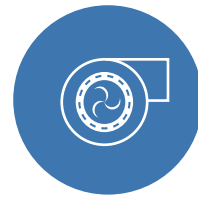
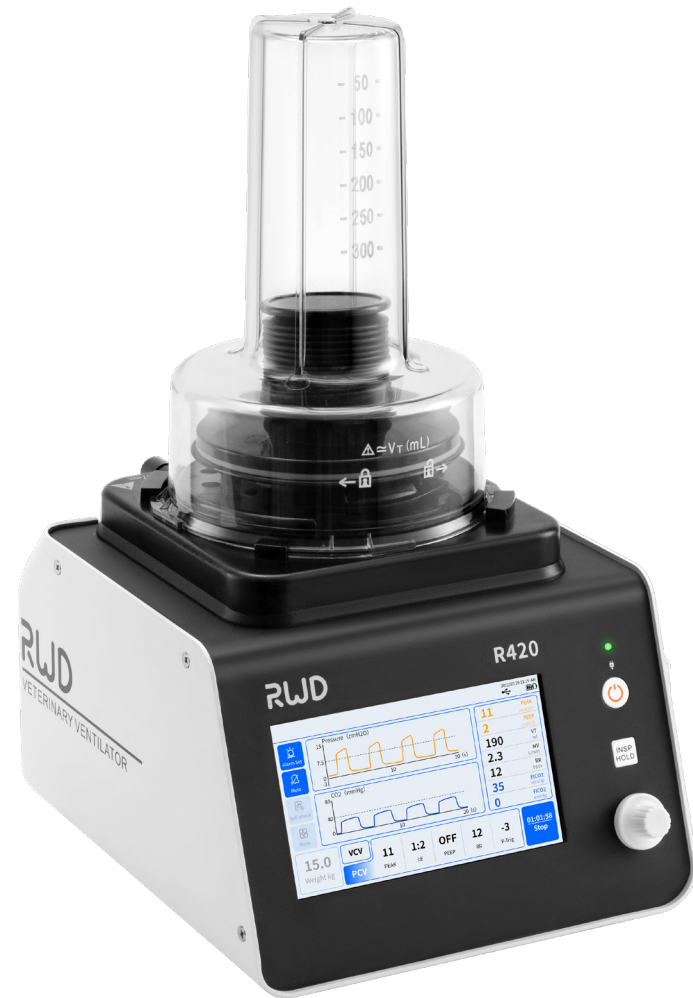
Simplify the complexity  
and breathe freely



From Animal Needs, for Animal Use

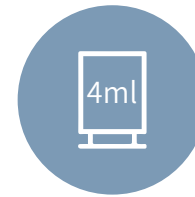
# R420

## Veterinary Electric Turbo Ventilator



### Turbo Drive

Electronically driven by a high-performance turbine, no more driven gas



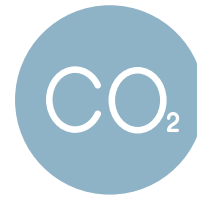
### Precise ventilation

Minimum tidal volume down to 4 mL



### Smart preset

Once inputting animal weight, smart respiratory parameters can be called up



### Guard "breathing" safety

Accurate and continuous monitoring of respiratory status, such as airway pressure - time chart, minute volume, EtCO<sub>2</sub>, and etc.



### Multiple alarms

Multiple alarms and clear handling prompts ensure the safety of mechanical ventilation



### PEEP function

Help veterinarians solve low SpO<sub>2</sub> problems during surgery



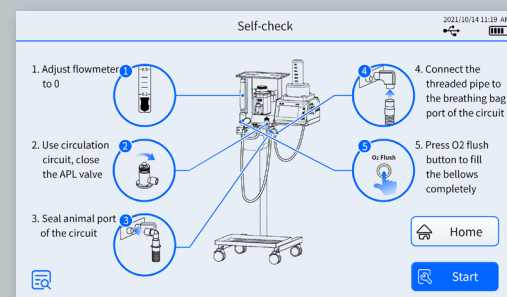
### Auto system leak test

Graphical guidance for quick start

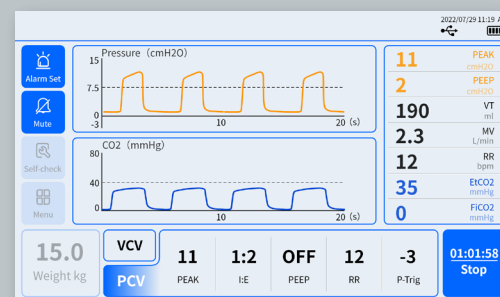


### Remote control of inspiratory hold

During a CT scan of the chest or abdomen, help the animal to hold the inspiration and complete the CT scan



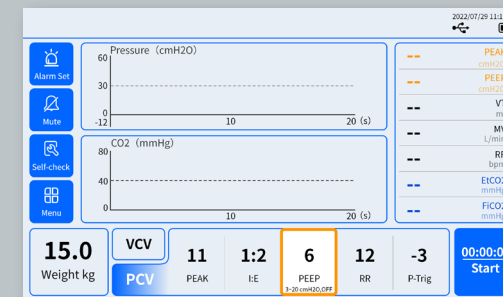
Self-check interface



Smart preset



Two size bellows



PEEP function



Remote control of inspiratory hold(optional)



Sidestream EtCO<sub>2</sub> monitoring(optional)

With high-performance turbine drive, R420 ventilator no longer needs drive gas! As a mechanical ventilation device tailored for animals, this is a technological innovation. It is a good solution to the traditional ventilator driven gas consumption problem. In addition, its easy-to-use working modes and comprehensive monitoring of animal ventilation state ensure safe ventilation.