

Specification

Item	Specification
Working principle	Turbo drive
Size	291mm×336mm×462mm
Net weight	8.5kg
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 ₂ O
PEEP	3~20 cmH ₂ O, OFF
Trig pressure	PEEP OFF: -10~ -1cmH ₂ O, OFF; PEEP ON: -10~ -4cmH ₂ O, OFF
Touch screen	7inch, 1024*600px
EtCO ₂ measuring range	Measuring range :0mmHg – 114 mmHg
EtCO ₂ sample flow rate	75ml/min

Configuration

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

Included● Excluded○

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RWD R420 Anaesthesia machine-Brochure V1.0-202208-EN



R420
Veterinary Electric Turbo Ventilator

RWD



Veterinary
Ventilation Innovation

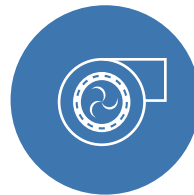
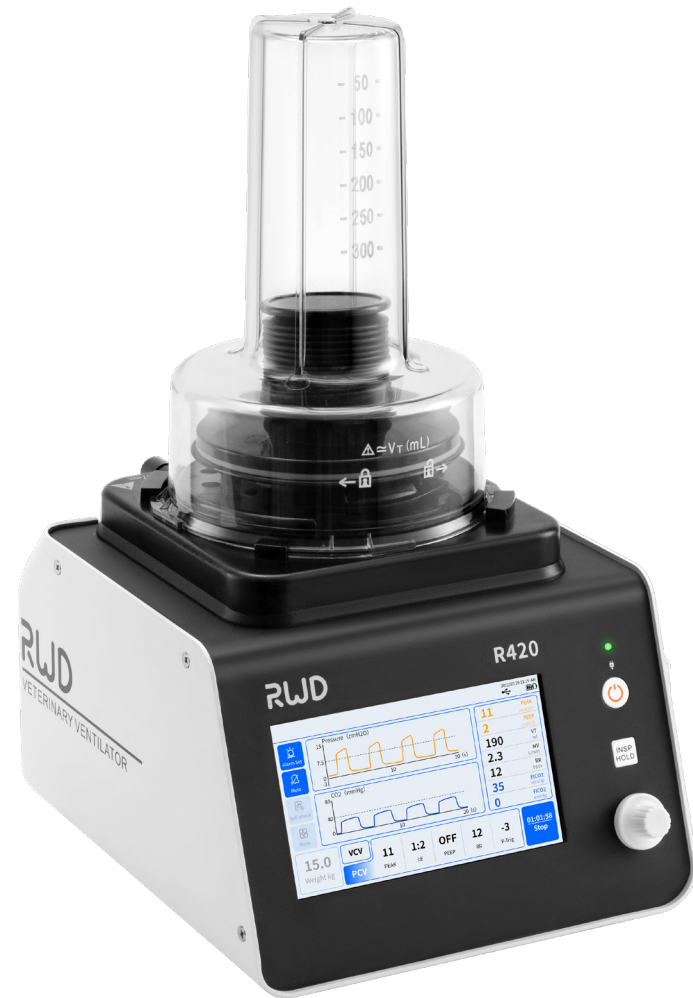
Simplify the complexity
and breathe freely



From Animal Needs, for Animal Use

R420

Veterinary Electric Turbo Ventilator



Turbo Drive

No driven gas needed, more convenient and cost-effective



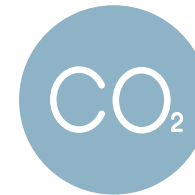
Precise ventilation

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, EtCO₂, and etc.



Multiple alarms

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



PEEP function

Help veterinarians solve low SpO₂ problems during surgery



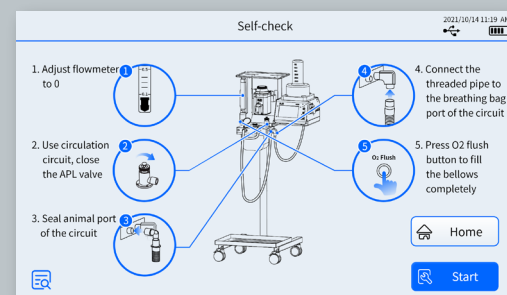
Auto system leak test

Graphical guidance for quick start

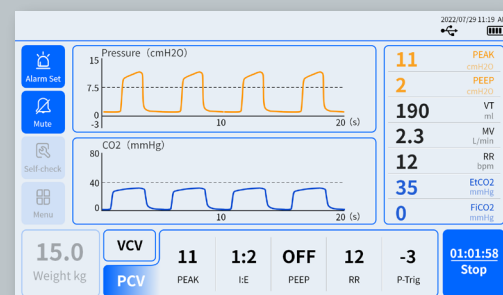


Remote control of inspiratory hold

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



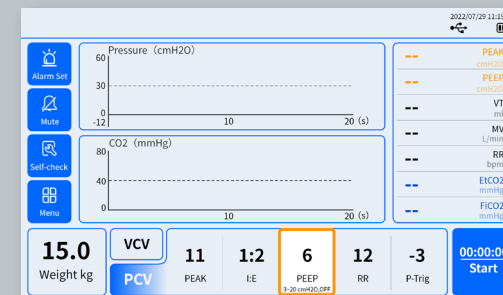
Self-check interface



Smart preset



Two size bellows



PEEP function



Remote control of inspiratory hold(optional)



Sidestream EtCO₂ monitoring(optional)

With high-performance turbine drive, R420 ventilator no more external driven gas needed. This is definitely a veterinary ventilation innovation! It can solve the problem of oxygen consumption in traditional veterinary ventilators. In addition, its easy-to-use working modes and comprehensive monitoring of animal ventilation state ensure safe ventilation.