

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 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 ○



R420
Veterinary Electric Turbo Ventilator

RWD



Veterinary Ventilation Innovation

Simplify the complexity
and breathe freely



RWD Life Science Co.,Ltd

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

From Animal Needs, for Animal Use

R420

Veterinary Electric Turbo Ventilator

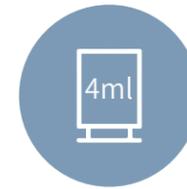


With high-performance turbine drive, R420 ventilator no longer needs drive gas! As a mechanical ventilation device tailored for animals, this is a technological innovation. It is a good solution to the traditional ventilator driven gas consumption problem. In addition, its easy-to-use working modes and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



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, 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



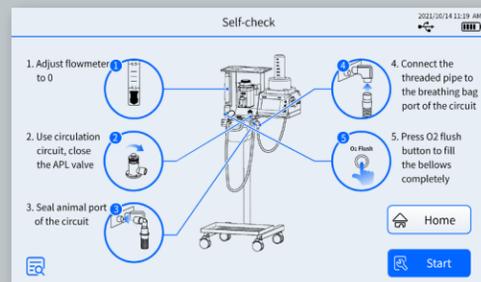
Auto system leak test

Graphical guidance for quick start

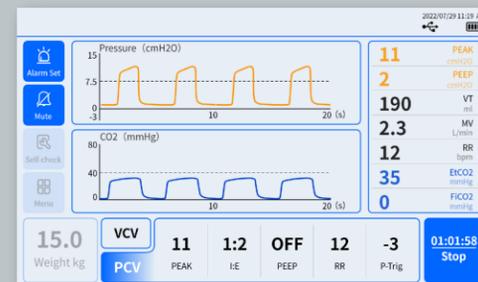


Remote control of inspiratory hold

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



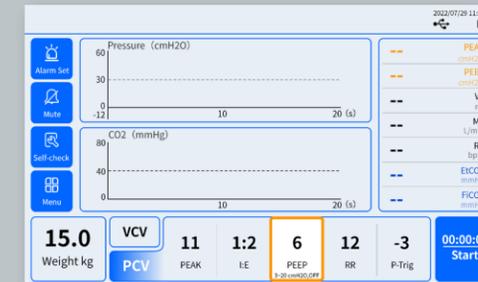
Self-check interface



Smart preset



Two size bellows



PEEP function



Remote control of inspiratory hold(optional)



Sidestream EtCO₂ monitoring(optional)