

*Since 1994*

**AOHUA**



# AniHFlow 50

Veterinary CO<sub>2</sub> Insufflator for Laparoscopy

Precision & Performance Across Species

From Delicate Small Animal Procedures to High-Flow Equine Surgery

Engineered for Control, Stability and Surgical Confidence

# Product Introduction

The AniHFlow 50 safely delivers and controls CO<sub>2</sub> insufflation for veterinary laparoscopic procedures. It creates and maintains a stable pneumoperitoneum, providing the essential space and visibility required for precise, minimally invasive surgery in dogs, cats, and other animals.

## Tailored for Veterinary Practice

- 3 Animal Modes – Cat | Dog | Horse
- Clinically Defined Defaults – Based on real veterinary practice
- Species-specific presets for safe and efficient insufflation

## Precision Control & Wide Range

- Flow Range from 0.1 L/min to 50 L/min
- Fine Flow Adjustment (0.1 L/min steps up to 2 L/min)
- Designed for high precision in small animals and high efficiency in equine procedures

## Efficient & Intelligent Performance

- Fast Cavity Creation – Rapid insufflation without compromising safety
- Stable Pressure – Even during suction
- Smart Smoke Evacuation Compensation – Instant response
- Adaptive Control System – Intelligent pressure & flow adjustment
- Ensures stable pneumoperitoneum through dynamic, real-time optimization

## Gas Heating for Clear Vision & Patient Safety

- Gas Heating Function – Reduced fogging, clearer surgical view
- Helps maintain body temperature, reduce anesthesia risks, and support faster recovery

## Safety & Protection

- Gentle Start Mode – Smooth and safe insufflation
- Controlled Pressure Build-up – Protects delicate tissue
- Automatic Safety Valve – Releases excessive pressure to prevent barotrauma
- Leak Resistant System – Maintains stable cavity pressure

## Intuitive & User-Friendly

- Touchscreen Interface – Clear, modern, and responsive
- Simple Operation – Easy to learn, minimal training required
- Surgeon in Control – Safe defaults with full manual flexibility

# Product Features

- Tailored for veterinary practice
- Precision control & wide range from 0.1L to 50L
- CO<sub>2</sub> gas heating system
- Integrated smoke evacuation system
- Flow adjustable algorithm
- Safety overpressure valve

CO<sub>2</sub>-GAS HEATING

SAFETY-RELIEF VALVE

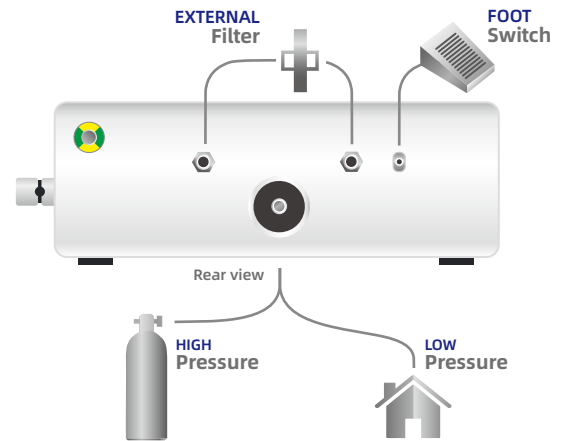
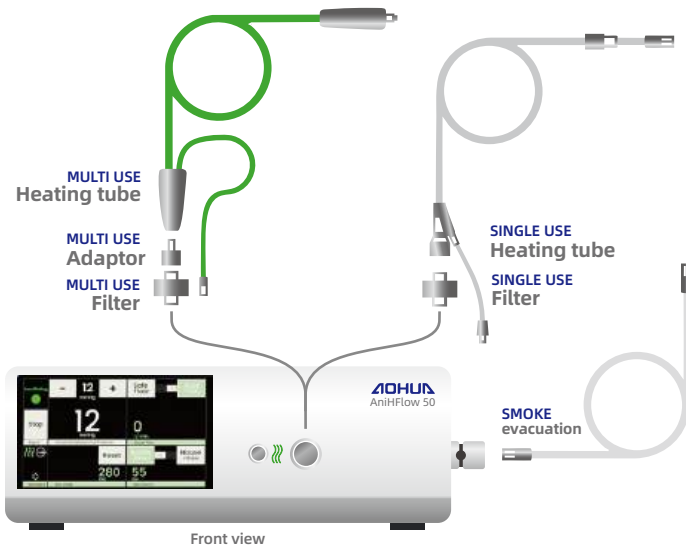
SMOKE-EVACUATION

NEGATIVE PRESSURE GAUGE



## Technical Specifications

Max. gas flow	50 l/min
Pressure range	3-30 mmHg
Gas connection	CO <sub>2</sub> -US-Standard
Mains voltage	100-240 V / 50/60 Hz
Power input	Heatflow with smoke evacuation 140 Va
Casing	Stainless steel, aluminium / white coated
Dimensions	w x h x d = 350 x 130 x 360 mm
Weight	app. 8 kg



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ISO 9001/ISO 13485 Certified  
v3.2\_2604

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