

## **WATO EX-35Vet**

Anesthesia Workstation

# Fully automatic inhalation anesthetic solution for Veterinary



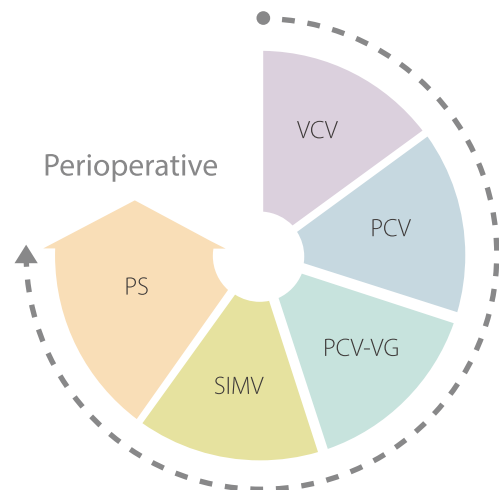
# Enhanced Safety

Employing the latest technologies the WATO EX-35Vet supports an extensive range of features and functionality, ensuring all anesthetic procedures for the animals are delivered safely, efficiently and effectively.

## Precise Veterinary Ventilator

WATO EX-35Vet supports a full range of controlled and support modes of ventilation and with dynamic tidal volume compensation, tidal volume can be as low as 5ml.

Intelligence ventilation mode PCV-VG combines the advantages of volume control mode and pressure control mode, not only ensure the accuracy of volume but also to avoid lung injury of animals.



## Extensive Physiological Monitoring

With WATO EX-35Vet, the animal's physiological status can be get easily and obviously, ensuring the animal's safety during surgery.

- 3 waveforms display simultaneously
- Monitoring parameters including airway pressure, tidal volume, respiratory rate, minute volume, etc
- Plug and Play CO<sub>2</sub> module or anesthetic agent module



## Stable Anesthetic Delivery

The V60 Vaporizer's automatic Flow / Temperature /Pressure compensation ensure a constant output and accurate concentration of anesthetic agents even under different environmental conditions.

- CE & FDA approval
- Maintenance-free design
- Strict quality tests



# Better Usability

The WATO EX-35Vet has been developed to make your routine workflow easier. A feature rich, ergonomically designed anesthesia system that can be positioned with ease and used for prolonged periods without experiencing unnecessary stress or fatigue.



## Easier Settings with Touch-screen

- 10.4 inch high resolution screen
- Tabular and flat menu structure
- Quick touch control



## Integrated Breathing System

- Switch between manual and mechanical ventilation quickly
- Switch between rebreathing and non-rebreathing circuit quickly
- Transparent soda lime canister, clear to observe and ease to disassemble
- Heated module to avoid flow monitoring shifted by the condensate, and deliver warmer gas to animals

## Automatic Leakage Test

- Visualizing the test procedure with graphs and charts
- Automatically calculate the leakage flow rate
- Recommendation by words and pictures for troubleshoot

## Gas Scavenging Solution

- Optional passive or active gas scavenging solution
- Reduce the operation pollution and ensure your own health.



# Technical specification

|                            |                                                                                                                                  |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Weight                     | 145 kg (without vaporizer and cylinder)                                                                                          |
| Dimensions                 | 1410(H) X 945(W) X 690(D) mm                                                                                                     |
| Display                    | 10.4 inch color touchscreen                                                                                                      |
| Power supply               | 100-240V, 50/60Hz                                                                                                                |
| Backup battery             | 90min (one battery), 240min (two batteries)                                                                                      |
| Gas supply                 | O <sub>2</sub> +N <sub>2</sub> O, O <sub>2</sub> +Air, O <sub>2</sub> +N <sub>2</sub> O+Air                                      |
| Backup cylinder yokes      | Opt, maximum 3                                                                                                                   |
| Flow meter                 | Dual tubes, Air/O <sub>2</sub> : 0-1L/min, 1-15L/min, N <sub>2</sub> O: 0-1L/min, 1-10L/min                                      |
| Oxygen flush               | 25~75 L/min                                                                                                                      |
| CO <sub>2</sub> canister   | 1.5 L                                                                                                                            |
| Position for vaporizer     | 1 or 2                                                                                                                           |
| Vaporizer mounting system  | Selectatec with interlocking function                                                                                            |
| Pressure gauge             | -20cm H <sub>2</sub> O-100cm H <sub>2</sub> O                                                                                    |
| Ventilator                 | Electronic control                                                                                                               |
| Ventilation mode           | VCV, PCV, Spontaneous, Manual, SIMV (opt), PSV (opt), PCV-VG (opt)                                                               |
| Tidal volume               | 20-1500 ml (Volume mode) , 5-1500 ml (Pressure mode, PCV-VG)                                                                     |
| Monitor parameter          | Tidal volume, O <sub>2</sub> concentration, airway pressure, breathing frequency, minute volume, PEEP                            |
| Waveform                   | P-T, F-T, V-T                                                                                                                    |
| Alarm                      | Low airway pressure, High airway pressure, Oxygen failure alarm, Apnea alarm, Breathing rate alarm, O <sub>2</sub> concentration |
| Trend                      | Up to 48 hours                                                                                                                   |
| Oxygen sensor              | Opt                                                                                                                              |
| CO <sub>2</sub> monitoring | Opt, side-stream or main-stream or micro-stream                                                                                  |
| Anesthesia Gas monitoring  | Opt                                                                                                                              |
| ACGO                       | Opt                                                                                                                              |
| AGSS                       | Opt, Passive or Active                                                                                                           |
| Drawer                     | 3                                                                                                                                |

