WATO EX-20Vet

VETERINARY ANESTHESIA MACHINE

A Fully Automatic Solution for Veterinary Anesthesia Delivery

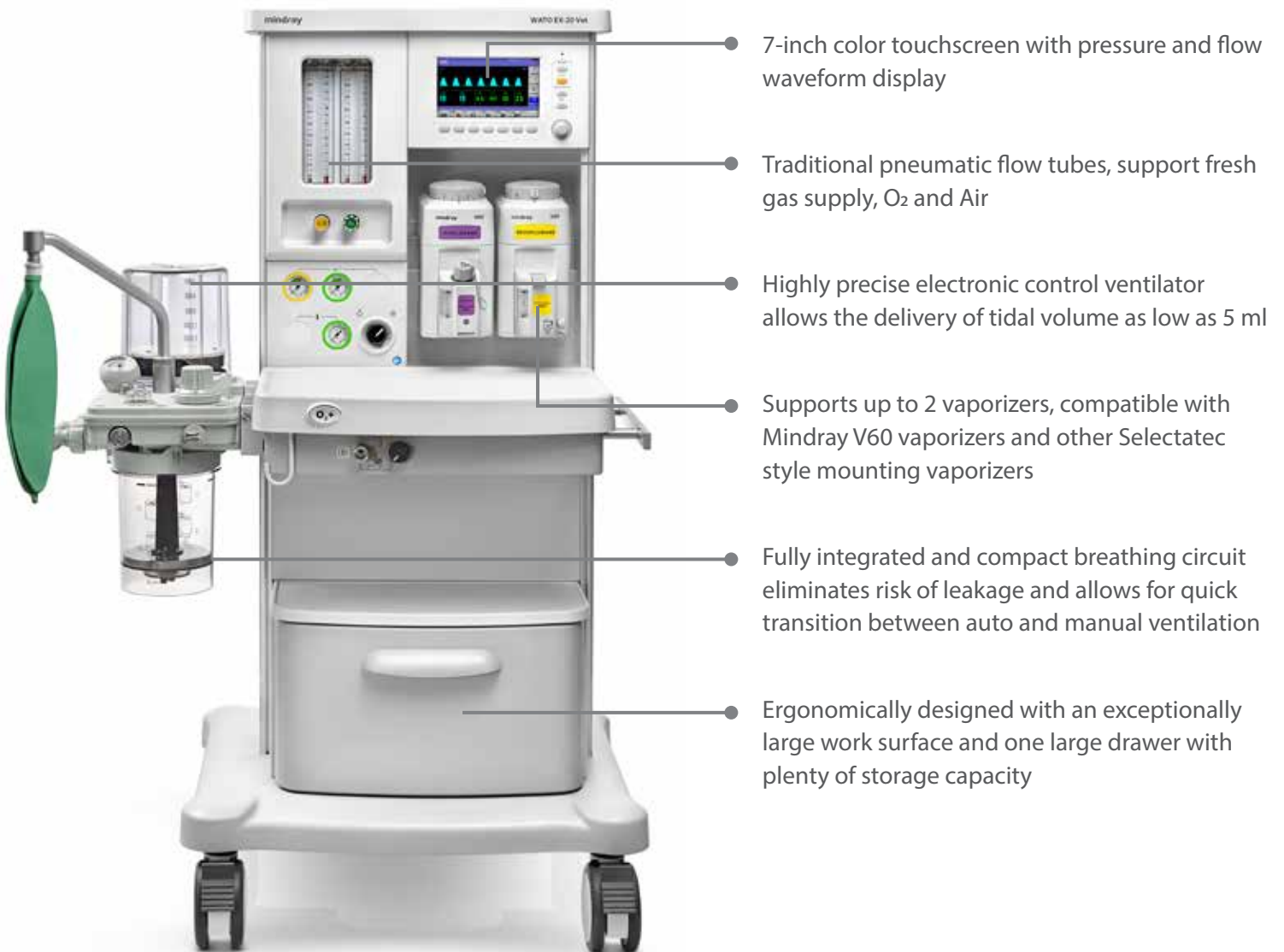# Designed for the Demanding Veterinary Environment

EX-20Vet is designed to complement clinical workflow in the demanding veterinary environment with a machine dedicated to veterinary anesthesia delivery.

Automatic – Unlike many of the dedicated veterinary pneumatic controlled anesthesia machines available, the EX-20Vet is equipped with a fully electronic control ventilator that allows users to choose the ventilation modes best suited for the animal's needs.

Simple – The WATO anesthesia user interface is intuitive and easy to use. All of the functions and parameters settings are designed based on clinical opinions and without complex, deep menus. The automatic system leak test makes the pre-use check easier and more efficient.

Precise – Delivers ventilation that is highly precise with electronic feedback. PCV allows delivery of tidal volume as low as 5 ml, ideal for small animals, and supports ACGO systems. The semi-closed rebreathing system enables the clinician to have full control over the ventilation process.

Essential Functionality in an Integrated Veterinary Anesthesia Solution

7-inch color touchscreen with pressure and flow waveform display

Traditional pneumatic flow tubes, support fresh gas supply, O₂ and Air

Highly precise electronic control ventilator allows the delivery of tidal volume as low as 5 ml

Supports up to 2 vaporizers, compatible with Mindray V60 vaporizers and other Selectatec style mounting vaporizers

Fully integrated and compact breathing circuit eliminates risk of leakage and allows for quick transition between auto and manual ventilation

Ergonomically designed with an exceptionally large work surface and one large drawer with plenty of storage capacity

Technical Specification

Weight	264.6 lbs (120 kg)(without vaporizer and cylinder)
Dimensions	54.1(H) X 34.6(W) X 24.4(D) in 1375(H) X 880(W) X 620(D) mm
Display	7-inch color TFT screen
Power Supply	100 – 240 V, 50/60 Hz
Backup Battery	90 min (one battery), 150 min (two batteries)
Gas Supply	O_2+Air
Backup Cylinder Yokes	2
Flow Meter	Dual tubes, Air/O_2: 0-1L/min, 1-15L/min, 1-10L/min
Oxygen Flush	25 – 75 L/min
CO_2 Canister	1.5 L
Position for Vaporizer	2
Vaporizer Mounting System	Selectatec with interlocking function
Pressure Gauge	-20 cmH_2O – 100 cmH_2O
Ventilator	Electronic control
Ventilation Mode	VCV, PCV, Spontaneous, Manual, SIMV (opt), PSV (opt)
Tidal Volume	20 – 1500 ml (VCV), 5 – 1500 ml (PCV)
Monitor Parameter	Tidal volume, O_2 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_2 concentration
Oxygen Sensor	Opt
CO_2 Monitoring	Opt, side-stream
ACGO	Opt
AGSS	Opt, Passive or Active

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