

WATO EX-20 Vet

Anesthesia Machine

State-of-the-art features with compact, ergonomic design

The WATO EX-20 Vet anesthesia machine consists of a main unit, anesthetic ventilator, flowmeter assembly, vaporizer assembly, and breathing system. It is configured with volume control ventilation (VCV) and pressure control ventilation (P-mode) modes.

The WATO EX-20 Vet is equipped with an electronically-controlled ventilator. This allows users to have more control over gas delivery and to choose a ventilation mode that more appropriately fits their patient's clinical needs. The pressure control ventilation mode on the WATO EX-20 Vet is electronically controlled and highly precise, able to deliver tidal volumes as low as 5 mL. This anesthesia system can also supply an auxiliary common gas outlet, or ACGO, for patients using a non-rebreathing circuit.

FEATURES

- Automatic leak test
- Breathing system gas leak compensation and automatic compliance compensation
- Electronic PEEP
- Automatic N2O cut-off in case of low O2 supply pressure
- Table top light
- Externally connected to a animal monitor which is in compliance with the requirements of relevant international standard
- Storage and review of alarm events
- Auxiliary O2 supply and active anesthesia gas scavenging system (AGSS)
- CO2 module
- Turning off TV and MV alarms
- Cardiopulmonary bypass (CPB) alarm mode



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SPECIFICATIONS



Weight:
264.6 lbs (without vaporizer and cylinder)



Dimensions:
54.1(H) X 34.6(W) X 24.4(D) in

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:
O2+Air

Backup Cylinder Yokes:
2

Flow Meter:
Dual tubes, Air/O2: 0-1L/min,
1-15L/min, 1-10L/min

Oxygen Flush:
25 – 75 L/min

CO2 Canister:
1.5 L

Position for Vaporizer:
2

Technical Specifications

Vaporizer Mounting

System:

Selectatec with interlocking function

Pressure Gauge:

-20 cmH₂O – 100 cmH₂O

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, O₂ 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, O₂ concentration

Oxygen Sensor:

Opt

CO₂ Monitoring:

Opt, side-stream

ACGO:

Opt

AGSS:

Opt, Passive or Active