Life Support Systems

ANAVET APEX

Veterinary Anesthesia Workstation

Single Gas (Oxygen) Anesthesia Machine with Two Tube Rotameter for Oxygen



DESIGNED FOR VETERINARY ANESTHESIA

ANAVET APEX is a single-gas oxygen anesthesia workstation designed with a two-tube oxygen rotameter, integrated ventilator and circle absorber system.

KEY HIGHLIGHTS

- Mild steel powder-coated body with stainless steel tray
- Two gas inlet points for cylinder and central pipeline
- Dual vaporizer back bar
- Circle absorber with 1200 g soda lime capacity
- 7-inch colour touchscreen ventilator
- Dual-tier caster wheels with brakes

VENTILATOR MODES

CMV(V), CMV(P), SIMV(V), AC(V), AC(P), Manual (BAG) and standby.

Battery backup: 2 hours

ANAVET APEX

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KEY COMPONENTS



Vaporizer
Selecta Tec type vaporizer



Ventilator Screen
7-inch colour touchscreen



Circle Absorber Control Panel
APL valve and BAG–VENT switch



Circle Absorber
Transparent jar with 1200 g soda lime

TECHNICAL SPECIFICATIONS

System configuration, ventilator functions and accessories

STRUCTURE

Finish: Mild steel powder-coated finish with stainless steel tray

GAS INLET POINTS & SAFETY

Gas inlets: Two gas inlet points
OFWD: Oxygen failure warning device
Regulators: High efficacy forged single-stage regulator
NRV: High-precision pressure relief cum non-return valve
O2 flush: 35–70 LPM

CIRCUIT & PRESSURE

Changeover: Selector switch for open and closed circuit
Gauge: 50 mm diameter panel-mounted pressure gauges for cylinder and pipeline pressure
Circle absorber: Transparent single-connection jar with APL valve and BAG–VENT switch
Soda lime capacity: 1200 g

VAPORIZER & MOBILITY

Vaporizer connection: Dual vaporizer back bar
Caster wheels: Dual-tier caster wheels with brake system

DIMENSIONS

Length: 620 mm **Width:** 550 mm
Height: 1510 mm

VENTILATOR

Display: 7-inch colour touchscreen
Modes: CMV(V), CMV(P), SIMV(V), AC(V), AC(P), Manual (BAG) and Standby
Tidal volume: 20–1500 ml
Frequency: 1–60 B.P.M
I:E ratio: 4:1 to 1:4
Pressure trigger: -3 to +19 cmH2O
Electronic PEEP: 3–100 cmH2O

MONITORING & WAVEFORMS

FiO2 monitor: Inbuilt monitor with high and low alarm
Flow sensor: Included
Waveforms: Flow vs Time and Pressure vs Time
Loops: Volume vs Pressure and Flow vs Volume
Monitoring: Vti, Vte, MV, RR, FiO2, PEEP, Ppeak, Cdyn and timer

ALARMS & BATTERY

Alarms: High and low AWP, MV and FiO2; timer; low oxygen pressure; critical battery status
Battery backup: 2 hours



FOR MORE DETAILS SALES DEMONSTRATION CONTACT
Life Support Systems

307-308, Shree Complex, Yashwant Thakur Compound, Opp Sai Baba Mandir, Sonarpada, Kalyan-Shil road, Dombivli (E), Maharashtra 421204
Mob: 9820219707 | 9619019707 | 9820214707
Email: info.lifesupport@gmail.com | **Web:** www.lifesupport.in