Control Method	Gas-Driven Electronic Control
Patient Type	Adult, Pediatric, Infant (Optional)
Configuration	Mobile
Display	8" TFT - LCD (touch screen)
Pipeline Gas Inlets	2 types: O2, N2O Connector: DISS or NIST"
Gas Cylinder Yokes (Optional)	O2, N2O Connector: Pin indexed"
Self-test	Yes
Patient Type Selection	Yes
Trend	No
Timing	Yes

Vaporizers

Type, Agent	Sevoflurane,Isoflurane,Halothane
Number	1/2(Optional)
Connector	Selectatec
Suction Regulator	
Venturi (Plug-in)	Optional
Continuous (Plug-in)	Optional
Flowmeter	4 tubes flowmeters O2: 0 to 10 L/min N2O: 0 to 12 L/min or O2: 0 to 10 L/min Air: 0 to 15 L/min" Auxiliary O2 Flowmeter Optional: 0 to 15 L/min
ACGO	Yes
O2 Flush	5 to 75 L/min
Scavenging System (AGSS)	Optional

Environmental Specifications

Working Environment

Temperature	10～40 ℃
Humidity	5% to 95%, non-condensing
Environmental Pressure	70～106 kPa

Transportation and Storage Environment

Temperature	-20～60 ℃
Humidity	≤95%, non-condensing
Environmental Pressure	50～106 kPa

Power Specifications

External AC Power Supply	
Input Voltage	100 ~ 240V
Input Frequency	50/60Hz
Input Power	≤120 VA
Power Cord	5 meters

Auxiliary Power Supply

Output Voltage	Same as external power supply
Output Frequency	Same as external power supply
Number of Sockets	2

Internal Battery

Number of Batteries	1
Battery Type	Lithium Battery
Rated Battery Voltage	13.4 VDC
Battery Capacity	2600 mAh
Rated Operating Time	1.5 hous
Physical Specifications	

Overall Unit

Dimensions	1350×900×590
Weight	Approximately 100 kg

Drawer

Dimensions	372*320*98
Quantity	1/2 units
Load Capacity	5 kg

Top Cover

Dimensions	230×460
Load Capacity	30 kg

Breathing System

Bellows	Adult(1600 ml)
Absorber Canister	1500 ml
Heating Function	Yes
Bypass	Optional

Ventilation Modes

VCV	Yes
PCV	Yes
PRVC	No
SIMV-V	Yes
SIMV-P	Yes
SIMV-PRVC	No
SOPNT/PSV(CPAP/PS)	Yes
Backup Model(VCV/PCV)	Yes

Waveform

Pressure	Yes
Flow	Yes
Tidal Volume	Yes
CO2	No
AA	No
N2O	No
LOOP	
P-V	No
P-Flow	No
V-Flow	No
V-CO2	No

Primary Controls

Tidal Volume	20 ~ 1600ml；（10，Optional）
Frequency, bpm	4~100bpm（VCV/PCV/PRVC） 1~40 bpm（SIMV）"
Inspiratory Time	0.1~12s
IE Ratio	4:1 to 1:10
Percentage Of Inspiratory Pause	0%～50%
PEEP	OFF, 3 ~ 30 cmH2O
Pressure Support	0~ 80 cmH2O
Pressure Control	5 ~ 80 cmH2O
Flow Trigger	0.5 ~ 20L/min
Pressure Trigger	0 ~ 20 cmH2O
Tslope	0～2.0 s
Inspiration Termination Level	5 ~ 80%
Pressure Limit	No
Sigh	Yes

Ventilation Monitors

Inspiratory Tidal Volume	0 ~ 3000 mL
Expiratory Tidal Volume	0 ~ 3000 mL
Minute Volume	0 ~ 99 L
Spontaneous Minute Volume	0 ~ 99 L
Respiration Rate	0 ~ 100 bpm
Spontaneous Respiration Rate	0 ~ 100 bpm
IE Ratio	9:1~1:99
Peak Airway Pressure	0 ~ 100 cmH2O
Mean Airway Pressure	0 ~ 100 cmH2O
Inspiratory Plateau Pressure	0 ~ 100 cmH2O
Minimum Airway Pressure	-20 ~ 100 cmH2O
PEEP	0 ~ 100 cmH2O
Compliance	0 ~ 300 mL/cmH2O
Airway Resistance	0 ~ 600 cmH2O / (L / S)
FiO2 (Optional)	15～100%
EtCO2 (Optional)	0~13.3%
FiCO2 (Optional)	0~13.3%
FiN2O (Optional)	No
EtN2O (Optional)	No
FiHAL (Optional)	No
EtHAL (Optional)	No
FiENF (Optional)	No
EtENF (Optional)	No
FiISO (Optional)	No
EtISO (Optional)	No
FiSEV (Optional)	No
EtSEV (Optional)	No
FiDES (Optional)	No
EtDES (Optional)	No
MAC	No

Gas Monitor Module

Fuel O2 cell	Optional
Sidestream EtCO2 Module	No
CO2/AX+(Mainstream)	No

Alrams

Volume	High: 10 ~ 3000 mL Low: OFF, 10 ~ 2990 mL"
Minute Volume	"High: 1～99 L/min Low: 0～98 L"
Respiration Rate	High: 1 ~ 100bpm Low: OFF，1 ~ 99 bpm"
Airway Pressure	High: 6 ~ 99 cmH2O Low: 0 ~ 98 cmH2O"
FiO2(Optional)	High: 19 ~ 100%, OFF Low: 18 ~ 99%"
EtCO2 (Optional)	High: 0.1 to 13.3% Low: 0 to 13.2%"
FiCO2 (Optional)	High: 0.1 to 13.3%
FiN2O (Optional)	No
FiAA (Optional)	No
EtAA (Optional)	No
Audio Pause Countdown Clock	120seconds
Subatmospheric Pressure	Paw < -10 cmH_2O
Apnea Alarm	10 to 60s can be set
Continuous Pressure High	Airway pressure for 15s is greater than (PEEP +15) cmH_2O
Battery Discharged	More than 5 minutes
Battery Low	More than 10 minutes

LB-801

Anaesthetic workstation for operation room
8" LCD built-in screen

Life Line Biz Pvt.Ltd.
ADD： 9/10, Mahagujarat Industrial Estate,Moraiya,Ahmedabad-382213 India
Email: Info@lifelinebiz.com

Ergonomic Integrated Breathing Circuit

Technology innovation:

- Exclusive front-end variable orifice flow sensor.
- High-end ventilation modes such as pressure regulated and volume control.
- Precise electronic PEEP control.
- Tidal volume setting range: 10 to 1600 mL.

User-friendly design:

- Auxiliary Oxygen Delivery System.
- Independent ACGO auxiliary common gas outlet.
- Optional external negative pressure suction device.
- Integrated CO2 absorbing circuit with heating, complete disassembly, autoclavable and bypass function

CO_2 Absorber System

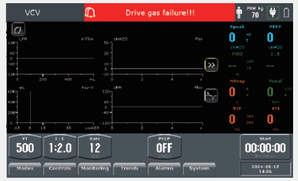
- 134℃ autoclavable CO2 absorber with integrated bypass system.
- Variable orifice flow sensor design.
- 35℃ (±℃) integrated heating system.
- Easy installation, with no special tools or training required for cleaning, maintenance, and disinfection.

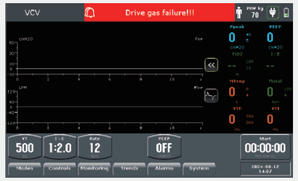
Ventilation

- The large color LCD screen displays all ventilator settings, measurement data.
- Standard Active Exhalation Valve, etc.
- Ventilation mode

Standard: VCV, PCV, SIMV-V, SIMV-P, SPONT/PSV, Sigh, Standby, Manual mode.
Backup mode: VCV, PCV
Options: ACGO

❖ Interface Display





❖ Ergonomics design anesthesia machine

- Simple and easy to use, the 8" touch screen interface system offers multiple ventilation modes, displaying main waveforms, and monitoring a variety of respiratory parameters to meet clinical needs. The system is custom-designed with the capability for function upgrades. The device features a backup battery with a working time of no less than 1.5 hours. It comes equipped with one drawer, with an option for up to two drawers, and four casters each featuring an independent lithium brake system.

Friendly Interface
8″ TFT touch Screen, with a rotary knob.

Monitoring Interface
Provides an intuitive display of overall parameters,
including settings, measurements, and graphic trends

Anesthesia Gas Scavenging System
Independent active AGSS exhaust system prevents anesthesia air pollution in the OR, safeguarding the health of clinicians

Top Shelf And Light
Load-bearing capacity: 30kg
LED light that illuminates all work surfaces

Vaporizer Position
The Selectatec bar supports one standard vaporizer position and allows for two additional optional positions for Isoflurane, Sevoflurane, Halothane, and Enflurane. It compensates for variations in pressure, temperature, and flow, and does not require annual recalibration.

Drawer
Quantity: 1 standard, 2 optional Load-bearing capacity: 5Kg each

Suction
Patient suction system equipped with a regulator and a reusable canister