



MODEL 30 Anaesthesia Machine

- Built in 8" color LCD anaesthesia ventilator
- Traditional CO₂ absorber (autoclavable, Patent)
- Dual high end precise vaporizers (Volume > 280ml)
- Dual gas sources system (O₂/N₂O)
- Continuous FiO₂ monitoring & bain circuit interface
- Optional: Electronic tidal volume setting
- Optional: Anaesthesia gas modular patient monitor
- Optional: Anaesthesia gas scavenging system
- Optional: Yoke system & EtCO₂ monitoring function
- Optional: UPS battery backup system



Technical Specification

Anaesthesia main unit:

- High resolution 8" color TFT LCD screen
- Built with airway pressure sensor, Fio2 sensor & flow sensor, The unit can monitoring Tidal volume, Respiratory frequency, I:E rate, Airway pressure, Pressure-time wave, Flow-time wave, High pressure limitation, Low pressure limitation, MV, Apnea, FIO2, Oxygen concentration under both two operating mode (Auto、 Manual)
- Close, semi-close, semi-open system, open (bain circuit)
- Application: Adult, Pediatric
- Low gas alarming: Low O2 gas pressure, it will gives alarming more than 7 seconds.
- High pressure limitation: Whenever airway pressure exceed the pre-set high pressure, ventilator offers protection automatically, to assure airway pressure can not increase anymore which supplies safety to patient.
- Low pressure protection: Once O2 pressure less than 0.1MPa, N2O gas supply was stopped automatically.
- Power failure alarming, power extendable function
- O2 flush: 25 ~ 75L/min
- Gas pressure: O2: 0.3 ~ 0.5 MPa
N2O: 0.3 ~ 0.5 MPa
- Power: 220V±10%, 50Hz±1%

Flow meter:

- O2/N2O – double tubes (0.1 ~ 10 L/min)
- O2/N2O inter-lock system, to keep O2 concentration no less than 25%

Anaesthesia Ventilator:

- Adult or Pediatric bellow 1 set;
- Pneumatic driven electric control
- Monitor Parameters: Tidal volume, Respiratory frequency, I:E rate, Fio2, Peak airway pressure, airway pressure wave(P-T, F-T), Minute volume;
- Working mode: Manual, Auto (IPPV,SIMV,SIPPV, Demo, Optional PCV, PSV)
- Tidal volume: 0, 50 ~ 1500 mL
- Respiratory frequency: 4 ~ 99 bpm
- I: E: 1:0.5 ~ 1:8 (adjustable)
- Synchronizer trigger Pressure: - 2 ~ 0 KPa
- High pressure limitation: 2 ~ 6 KPa
- Low pressure limitation: 0 ~ 2 KPa

Respiratory Circuit:

- Consolidated CO2 absorber (autoclavable).

Vaporizer:

- High end precise vaporizer (Halothane, Isoflurane, Sevoflurane)
- Halothane/Isoflurane adjustable range: 0.5 ~ 5% VOL
- Sevoflurane adjustable range: 0.5 ~ 8% VOL
- Automatic compensation function – flow, pressure, temperature
- Self-lock function & inter-lock function
- Volume: >280 ml

