

ENDO



ENDO.ANM3

Anesthesia Machine

<https://endo.id>



Featured

- CE marked, meet EU clinical requirements
- Contemporary and ergonomic designed for ease of use
- Pull handle
- DIN rail at both side of machine allows for flexibility and ease of mounting patient monitor and other expansion medical devices
- Optional Integrated! auxiliary O₂ flowmeter and suction control
- AGSS (Anesthesia Gas Scavenging System) is optional.
- Electronic displayed flowmeter
- Applicable to Infant, pediatric and adult.
- Driven gas can be Oxygen or Air. save running cost of Oxygen.

Integrated CO₂ Absorber System

- Highly integrated design - fewer parts and connections reduces potential for leaks and mismatches.
- Ease of disassembly (no tools required).
- Ease for cleaning, autoclavable in 134°C to avoid cross-infection (except for O₂ sensor and gauge), latex free.
- One step bag/vent, switch turns the ventilator on/off.
- Automatic CO₂ absorber by-pass.
- ACGO.



Ventilator

- 12 inch touch screen for easy review.
 - Touchscreen + navigation wheel+ key pad for simple operation.
 - Choose-set-confirm" to realize function and avoid mis-operation.
 - One key presses to total Standby mode: end case
 - Easy of use, full range ventilator with mechanical ventilation modes, spontaneous ventilation modes and electronic, support a variety of patients
 - Powerful extended function: Optional plug-in anesthesia agent monitoring CO₂ module, and SpO₂ module. With parameters setting/display and graphic display in the screen
 - World leading brands of flow sensors, differential pressure sensors, pressure regulating valves and proportional valves to ensure accurate ventilation.
 - Tidal volume compensation provides accurate delivery down to 20 ml
 - Smart alarm notification direct user to specific problems and affected parameters
 - Pressure and volume monitoring on a breath-by-breath basis
- Audio and visual alarms with three levels.



Vaporizers

Anesthetic vapour delivery modules

- The highest quality and reliable vaporizer.
- Available for Halothane, Isoflurane, Enflurane and Sevoflurane.
- Service-free: Calibration every 10 years (5 years for Halothane).
- Superb performance with automatic compensation for temperature, pressure and flow.
- Selectatec compatible interlock system.

SPECIFICATIONS

Physical Specifications

- Dimension: L600W740 H1368 mm
- Weight: 120kg
- Screen: 12 inch TFT touch screen
- Casters: 10 cm diameter, with individual locking brakes at front casters
- Two drawers

Electronics Specifications

- Power supply: AC100240V \pm 10%, 50/60Hz \pm 1%
- Battery backup: 4 hours
- Power consumption: is less than 75VA
- Top light

Vaporizer

- Dual positions.
- Mounting: Tool-free installation Selectatec compatible with interlock.
- Agent type: Sevoflurane, Halothane, Isoflurane and Enflurane.
- Filling type: Pour-fill, Easy-fill and Quick-fill.

Ventilator Parameters

- Patient type: Infant, pediatric and adult
- Driven mode: Pneumatically driven electronically controlled
- Ventilation mode: VCV, PCV, SIMV-V, SIMV-P, PSV, STANDBY, Manual/Spontaneous
- Tidal volume (VT): 20ml1500ml
- Pressure (Pinspired) range: 570 cmH₂O
- Pressure (limit): 5 - 100cmH₂O
- Pressure support: 560 cmH₂O
- Electronic PEEP: OFF, 3 39 cmH₂O
- Trigger: Flow and pressure trigger.
- Frequency (f): 0100bpm, SIMV frequency: 460bpm
- EE ratio: 10:11.10
- Inspiratory pause: 0 60% of inspiratory time
- Inspiratory time: 0.555

Pneumatic Specification

- Pipeline gas input: O₂/N₂O/AIR and supplement O₂ supply, input pressure: 0.28MPa0.6MPa
- Cylinder gas input (optional): Pin indexed yokes for O₂, N₂O and AIR.
- Pressure gauge: 3 nos. for pipeline. 3 nos. for cylinder (Optional)
- O₂ controls:
- Method: Proportionate decrease of N₂O with reduction in O₂ flow
- O₂ supply failure alarm: O₂ pressure lower than 0.14MPa
- N₂O cut off: N₂O cutoff with loss of O₂ pressure, supply failure alarm when is less than 200KPa.
- O₂ flush: 2575u/min
- Auxiliary O₂ flowmeter: 015L/Min, flow tube indicator.
- Flowmeters: Electronic flow measurement with both LED display and digital display on screen
- Operational modes: Closed and Semi-closed circuit system.
- Hypoxic guard system: Mechanical type, provides a nominal minimum 25% concentration of oxygen in O₂/N₂O mixture
- ACG00: ISO 22 mm OD and 15 mm ID, allows for using third party's semi-open circuit
- CO₂ absorbent canister: Quick release type, with volume 1.5L Automatic CO₂ by-pass capability
- Bag/ventilation switch: switch for manual/spontaneous ventilation and mechanical ventilation.
- Integrated Adjustable Pressure Limiting (APL) valve: is less than or equal to 6KPa
- AGSS (optional): Passive Anesthetic Gas Scavenging System


Ventilator Monitored Values

- Tidal volume (VTI & VTE): 0-2000 ml
- Minute volume: (100 L Breathing rate: 0-60 bpm)
- Ppeak: -20-100 cmH₂O FiO₂: 21-100%
- Waveform: P-T, F-T, CO₂-T (Optional).
- Loop: F-V, V-P
- Other Monitored: Pmean, PEEP, Pplat, Pmin, MVspont, Ratespont, Cdyn, SpO₂ (optional), Pulse (optional), EtCO₂ (optional), InCO₂ (optional), N₂O concentration (optional), Anesthetic agent concentration (optional), Flow of O₂/N₂O/Air, Total flow


Alarms

- 3 level visible audible alarm
- High & low limitation for: Pressure, Minute volume, Breathing rate, FiO₂, Tidal Volume, SpO₂ (optional), Pulse (optional), EtCO₂ (optional),
- Apnea time, Sustained airway pressure, Alarm mute, AC off, Battery low & exhausted, Alarm log, Alarm silence

ENDO

 Jalan Raya Menganti 14 Kedurus, Surabaya 60223
Jawa Timur, Indonesia

 62-31-7673636

 62-31-7673737

 0800 . 177 . ENDO (3636)

 info@endo.id

 <https://endo.id>