

# **ENDO ANM2**

## *Anesthesia Workstation*



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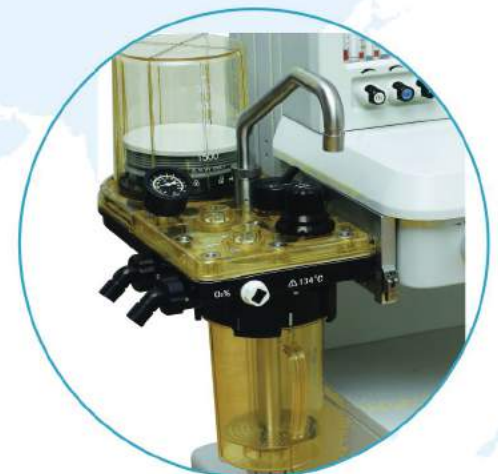
#### Features

- 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
- AGSS (Anesthesia Gas Scavenging System) is optional.
- Applicable to pediatric and adult.



#### Integrated CO2 Absorber System

- Compact design for closed, semi-closed and semi-opened circuit.
- Ease to disassemble and assemble all components.
- Convenient to clean and maintain.
- Integrated Adjustable Pressure Limited (APL) Valve.



## Ventilator

- 8.4 inch TFT screen for easy review.
- 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
- World leading brands of flow sensors, differential pressure sensors, pressure regulating valves and proportional valves to ensure accurate ventilation.
- Smart alarm notification direct user to specific problems and affected parameters
- Pressure and volume waveforms on a breath-by-breath basis
- Audio and visual alarms with three levels.
- One key presses to total Standby mode: end case



## 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: L880 \* W800 \* H1580 mm  
Weight: 120kg  
Screen: 8.4" TFT screen  
Casters: 10 cm diameter, with individual locking brakes at front casters  
One drawers

### Electronic Specification

Power supply: AC100~240V±10%, 50/60Hz±1%  
Battery backup: 1.5 hours  
Power consumption: ≤75VA  
Top light  
Backlight for flowmeter

### Pneumatic Specification

Pipeline gas input: O<sub>2</sub>/N<sub>2</sub>O/AIR and supplement O<sub>2</sub> supply, input pressure: 0.28MPa~0.6MPa  
Cylinder gas input (optional): Pin indexed yokes for O<sub>2</sub>, N<sub>2</sub>O.  
Pressure gauge: 3 nos. for pipeline. 2 nos. for cylinder (Optional)  
O<sub>2</sub> controls:  
◎Method: Proportionate decrease of N<sub>2</sub>O with reduction in O<sub>2</sub> flow  
◎O<sub>2</sub> supply failure alarm: O<sub>2</sub> pressure lower than 0.14MPa  
◎N<sub>2</sub>O cut off: N<sub>2</sub>O cutoff with loss of O<sub>2</sub> pressure, supply failure alarm when <200KPa.  
◎O<sub>2</sub> flush: 25~75L/min  
◎Flowmeters: Six tube flowmeter  
Operational modes: Closed and Semi-closed circuit system.  
Hypoxic guard system: Mechanical type, provides a nominal minimum 25% concentration of oxygen in O<sub>2</sub>/N<sub>2</sub>O mixture  
ACGO: ISO 22 mm OD and 15 mm ID, allows for using third party's semi-open circuit  
CO<sub>2</sub> absorbent canister: with volume 1.5L \* 2.  
Bag/ventilation switch: switch for manual/spontaneous ventilation and mechanical ventilation.  
Integrated Adjustable Pressure Limiting (APL) valve: ≤ 6KPa  
AGSS (optional): Passive Anesthetic Gas Scavenging System

### 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: Pediatric and adult  
Driven mode: Pneumatically driven electronically controlled  
Ventilation mode: VCV, PCV, SIMV, STANDBY, Manual/Spontaneous  
Tidal volume (VT): 30ml~1500ml  
Pmax: 5~70 cmH<sub>2</sub>O  
Pps: -20 ~ 20 cmH<sub>2</sub>O  
Electronic PEEP: OFF, 3 ~ 39 cmH<sub>2</sub>O  
Trigger: Flow and pressure trigger.  
Frequency (f): 0~100bpm, SIMV frequency: 1~20bpm  
I:E ratio: 10:1~1:10  
Inspiratory pause: 0 ~ 60% of inspiratory time  
Inspiratory time: 0.5 ~ 5 S

### Ventilator Monitored Values

Tidal volume: 0~2000 ml  
Minute volume: 0~100 L  
Breathing rate: 0~100 bpm  
Ppeak: -20~100 cmH<sub>2</sub>O  
FiO<sub>2</sub>: 21~100%  
Waveform: P-T, F-T.  
Loop: F-V, V-P

### Alarms

3 level visible audible alarm  
Tidal volume, Minute volume, Frequency, Airway pressure, Continuous positive pressure, Apnea, FiO<sub>2</sub>, AC OFF, Battery low and Battery exhausted.