

# AM832 Anesthesia Workstation

**ETERNITY**



Large LCD touch screen, various monitoring waveform and parameters

Adopt alloy material with high temperature paint spraying process; anti-corrosion and anti-static

Imported anti-static caster with diameter 100mm and front brakes

# Technical specification

## Electronic and Physical Specification

Display: 7" TFT LCD touch screen  
Top LED light

Dimension: 1350mm (H) \* 560mm (W) \* 620mm (L)

Weight: 85kg (Gross Weight)

Power input: 100~240V, 50/60Hz

Power consumption: ≤50VA

Backup battery: minimum 120 min

## Pneumatic Specification

Gas supply: O<sub>2</sub>, N<sub>2</sub>O and Reserved O<sub>2</sub>

Yoke: 1 x O<sub>2</sub>, 1 x N<sub>2</sub>O (Optional)

Flowmeter : O<sub>2</sub>: 0~1L/min, 1~10L/min  
N<sub>2</sub>O: 0~1L/min, 1~10/min

Pressure gauge: 2 for pipeline gas  
2 for cylinder gas (optional)

O<sub>2</sub> flush: 25-75L/min

Operational modes: Closed and Semi-closed circuit system  
semi-open

Driven mode: Pneumatically driven  
and electronically controlled

AGSS (Passive ): optional

## Ventilator specification

Patient type: Pediatric and adult

Ventilation mode: A/C, SIMV, Manual, Standby

Tidal volume : 20~1500ml

Frequency: 0~100bpm

I:E ratio: 10:1~1:10

Pmax: 20-70cmH<sub>2</sub>O

PEEP: OFF, 4-30 cmH<sub>2</sub>O (Optional)

Pressure trigger: 0-20cmH<sub>2</sub>O

Flow trigger: 0-20L/min

CO<sub>2</sub> absorption system: 1500 ML

APL valve: 0.19~6KPa

## Monitoring and Alarm

### Monitoring

Volumes : MV, VTe, VTi

Pressures: Ppeak, Pmean, PEEP

Breath Rate

RATE spn

FiO<sub>2</sub> %

Graph display: P-t, F-t waveforms, P-V and F-V loops

### Alarm

High airway pressure / Low airway pressure

High tidal volume/ Low tidal volume

High frequency/ low frequency

High Minute Volume/ Low Minute Volume

High FiO<sub>2</sub> / Low FiO<sub>2</sub> ( should option FiO<sub>2</sub> function)

Apnea

Power failure

## Vaporizer

Two vaporizer position (Selectatec with interlock)

Agent type: Sevoflurane, Halothane, Isoflurane and Enflurane

Filling type: Pour-fill, Easy-fill, Quick-fill or Key-fill

Compensation: Flow, pressure and temperature compensation



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The logo for ETERNITY features the word "ETERNITY" in a bold, blue, sans-serif font. A red, stylized, curved shape resembling a crescent moon or a wing is positioned above the letter "Y".