

# Anaesthesia Workstation ES-7500AM



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## Anaesthesia Machine

- Microprocessor and high speed servo controlled, volume and pressure mode system
- SIMV mode with super sensitivity flow-trigger
- Compliance and leakage compensation system
- P-V loop & F-V loop, dynamic compliance
- 10.4" TFT screen display
- Self testing, trouble shooting and warning system
- High quality vaporizer
- Low resistance, high precise and compact absorber system with heating function.
- Big screen Monitor and AMIS (Anesthesia Management Information System)

### Main Specification:

- Mode: Semi-open, semi-closed or closed system
  - Gas supply: O<sub>2</sub>/Air/N<sub>2</sub>O, supply pressure: 0.3 - 0.5Mpa
  - Flowmeter: O<sub>2</sub> / Air / N<sub>2</sub>O Five-tube Flowmeter. 0-10L (With inter-lock protection devices ensuring the oxygen concentration above 25%).
  - O<sub>2</sub> flush: 35L/min - 75L/min
  - O<sub>2</sub> deficiency: Audible alarm is long for at least 7 seconds when the O<sub>2</sub> supply down with top-light system
  - Canister prompt replacing and absorber heating system
- ### MV300 Ventilator
- Patient type: Adult, pediatric
  - Driven mode: Gas driven electronically controlled
  - Setting: Navigator wheel button
  - Display mode: 10.4" TFT color screen
  - Ventilation mode: Volume, pressure, manual, Standby
  - Breath type: IPPV, SIMV (Optional)
  - Tidal volume: 50- 1500ml
  - Flow sensitivity: 1-30L/min (With SIMV)
  - Compliance and leakage compensation system.
  - Breathing rate: 4 - 100bpm
  - I: E Ratio: 1:0.5 - 1:8.0
  - Pressure range: 5-60cmH<sub>2</sub>O
  - Inspiratory plateau: off, 5%-50%Ti
  - High pressure: 20-80cmH<sub>2</sub>O
  - Low pressure: 0-20cmH<sub>2</sub>O
  - Alarm silence: ≤120 seconds
  - Monitoring: Tidal volume / Minute Volume / Breath frequency / Airway pressure (Peak, Plateau) / O<sub>2</sub> concentration / Pressure- time waveform / Flow- time waveform / Volume-time waveform/ Battery indication P-V (P.S. p-v loop, F-v loop dynamic compliance and O<sub>2</sub> are optional).
  - Alarm: Breathing frequency/ High airway pressure/ Low airway pressure/ Minute volume/ High and Low O<sub>2</sub> concentration / High and low CO<sub>2</sub> concentration (optional)/ Mains failure
  - Safety Valve: ≤6kPa
  - Power supply: 220V ± 10%, 50Hz ± 1%
  - Internal battery: About 3Hrs(Optional)



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