



## ES 7700AM Anaesthesia Workstation



- Comply with EU clinic security standard
- Suitable for neonate , pediatric & adult
- Advanced, professional 10,4 " TFT color screen for clinic use, shows all parameters and waveforms vividly
- Multi-ventilation modes: Standby, VCV,PCV,PSV,SIMV, Manual
- Parameter monitored: P-T, F-T, V-T waveforms & P-V, F-V loops
- Three drawers: writing table; working table handle; top-light; new wheels; new arms; new material to improve antiseptis ability
- Select switch of fresh gas with O<sub>2</sub> , N<sub>2</sub>O and air
- Six tubes of flowmeter, each two of them for O<sub>2</sub>+ N<sub>2</sub>O/O<sub>2</sub> + Air; Backlight
- CO<sub>2</sub> circle absorber with heating system & swift key of vent
- Sensitive synchronized flow trigger
- Advanced electromagnetic valve ensure accurate tidal volume and compensation
- Inspiration flow rate control adopts imported electromagnetic flow control valve
- Options : AGSS, ETCO<sub>2</sub>, SUCTION and battery

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## Anaesthesia Workstation



### - Technical data -

#### Parameters

- Ventilation mode : Standby, VCV,PCV,PSV,SIMV,Manual
- Tidal Volume . 20 ~ 1600mL
- Breath Rate : 4 ~ 100bpm
- I:E Ratio: 4:1 ~ 1: 8
- Pressure Range: 10 ~ 80cmH<sub>2</sub>O
- Inspiratory Plateau: 5 ~ 50%
- Trigger Sensitivity: 1 ~ 15L/min
- High Pressure: 10 ~ 80cmH<sub>2</sub>O
- Low Pressure: 0 ~ 10cmH<sub>2</sub>O
- E-PEEP: Off, 3 ~ 30cmH<sub>2</sub>O
- Alarm Silence: ≤ 120 seconds
- Parameter monitored : Tidal Volume, Minute Volume, Breath Rate, Airway Pressure (Peak, Plateau), Oxygen Concentration, BATTERY Indication ( Optional ), Dynamic Compliance, End Expiratory CO<sub>2</sub> Concentration (Optional),End Expiratory CO<sub>2</sub> Pressure (PaCO<sub>2</sub>, Optional)
- Monitoring Waveform: P-T, F-T,V-T waveforms, P-V, F-V, CO<sub>2</sub> (Optional) loops
- Alarm : High Breathing Frequency, Low Breathing Frequency ,High Airway Pressure, Low Airway Pressure, Minute Volume High/Low, Oxygen Concentration Low, CO<sub>2</sub> Concentration High ( Optional ), CO<sub>2</sub> Concentration High /Low ( Optional ), Airway Abnormal, Mains Failure.
- Safety Valve: ≤ 8kPa



#### Specification

- Patient Type: neonate, pediatric & adult
- Mode : Close, Semi-Close or Semi-open
- Driven Mode: Pneumatically Driven and Electronically Controlled
- Setting: Touch Key & Navigator Wheel Knob
- Display: 10,4" TFT color screen
- Flowmeter: O<sub>2</sub>, N<sub>2</sub>O, Air; 6-Tube Flowmeter, 0-10L/min
- O<sub>2</sub> Flush : 35 ~ 75L/min
- Double Vaporizers
- Power Supply : 110V ~240V; 50Hz ~ 60Hz
- Power Consumption: ≤ 70W
- Gas Supply: O<sub>2</sub>, N<sub>2</sub>O, Air; Pressure: 0,3 ~ 0.5MPa
- Dimensions ( L x W x H ) 620 mm x 930 mm x 1354 mm
- Weight : 140 kg



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