

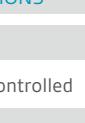
# AG55

## Anaesthetic Workstation

- Fruitful ventilation modes to meet diverse clinical situations/requirements especially perioperative process
- Lung protective ventilation includes Individualized PEEP titration tool, recruitment maneuver, to help clinicians decrease post-pulmonary complications to give a better outcome of patients
- ECO-Optimizer enables a safe low-flow Anaesthesia, and reduces agent and gas waste
- Anesthesia depth monitoring help anesthesiologists to observe whether the anesthesia depth is suitable for current stage and to keep our patients in a stable and safe situation.
- New ergonomic design balanced UI operating experience and clinical requirement

CE 0123



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### Technical Specifications

BASIC UNIT	
Dimensions(H*W*D)	
1390*885*799mm	
Weight and load	
Excluding vaporizers	95kg
Top shelf load	10kg
Work surface load	25kg
Caster locking	
Braking type	125mm, Individual locking front casters
Power and battery backup	
Power input	AC 100~240 V, 50/60 Hz
Power output	3 sockets, 1.5A individual
Battery and operation time with fully charged	Lead-acid, 90 min
ANESTHESIA GAS SUPPLY MODULE	
Gas supply	O <sub>2</sub> , N <sub>2</sub> O, Air; 280~600kPa
Cylinder yokes	O <sub>2</sub> , N <sub>2</sub> O
Flowmeter	Electronic Display Flowmeter
Range of flowmeter	O <sub>2</sub> , N <sub>2</sub> O: 0~10L/min; Air: 0~12L/min
O <sub>2</sub> flush	25~75L/min
Auxiliary common gas outlet (ACGO)	
ACGO option converts to open circuit mode	
Anesthetic Gas Scavenging System(AGSS)	
Optional	
Vaporizer	
Agent	Sevoflurane, Halothane, Enflurane, Isoflurane
Installation mode	Selectatec with interlock
Filling type	Pour-fill, Key-fill, Quik-fil
Breathing system	
Operational modes	Breathing circuit is circle mode
Volume of absorber	1.5L for single canister
APL range	Spontaneous breathing (SP)~70 cmH <sub>2</sub> O
Heating system	32~40°C
CO <sub>2</sub> bypass	Optional
Ventilator monitoring & alarm	
Screen	12.1" TFT color touch screen
Graph display	Waveforms of P-t, F-t, V-t, Option EEC, Agent, CO <sub>2</sub> ; loops of P-V, V-F, P-F, Option V-CO <sub>2</sub>
Continuous trend information	shown in the trend table and trend chart
Alarm	Excessive leakage, Low oxygen source pressure, High air source pressure, High airway pressure, Low oxygen concentration, Excessive output tidal volume, High concentration of N <sub>2</sub> O inhaled, High concentration of ISO/SEV/ENF/HAL/DES inhaled, persistent high airway pressure, Bypass mode started(1 minute), Apnea, etc.
Alarm logging	500 items

VENTILATOR OPERATING SPECIFICATIONS	
Ventilator	
Pneumatically driven, Electronically controlled	
Ventilation modes-standard	
Manual/Spontaneous	
Volume control (VCV)	
Pressure control (PCV)	
Ventilation modes-optional	
Pressure Controlled Ventilation Volume Guaranteed (PCV-VG)	
Synchronized Intermittent Mandatory Ventilation in Volume (SIMV-VC)	
Synchronized Intermittent Mandatory Ventilation in Pressure (SIMV-PC)	
Synchronized Intermittent Mandatory Ventilation in PCV-VG (SIMV-VG)	
Pressure Support (PS) / Continuous Positive Airway Pressure (CPAP)	
Bilevel Positive Airway Pressure Ventilation (BIVENT)	
Airway Pressure Release Ventilation (APRV)	
Volume Support Ventilation (VSV)	
Control input ranges	
Respiratory rate (Freq.)	2~100 bpm
Positive end Expiratory pressure(PEEP)	OFF, 3~50 cmH <sub>2</sub> O
Inspiration/expiration (I:E)	4:1~1:8
Tidal volume (Vt)	10~1500 ml
Inspiratory time	0.2~5.0 s
Inspiratory pressure (PTARGET)	5~70 cmH <sub>2</sub> O
Pressure support level (ΔP)	3~60 cmH <sub>2</sub> O
Pressure limit (PMAX)	10~100 cmH <sub>2</sub> O
Trigger	0.5~15 L/min / -20~-1 cmH <sub>2</sub> O
Inspiratory slope time (TSLOPE)	0.1~2 s
Compensation	
Compliance and leakage compensation, fresh gas compensation, altitude compensation	
Ventilator monitoring	
Vt, MV, Freq, Ppeak, Pmean, Pplat, FiO <sub>2</sub> , PEEP, Resistance, Compliance, Driving Pressure, Stress Index, etc.	
Option: CO <sub>2</sub> Concentration, Anesthetic Gas Concentration with MAC, Paramagnetic Oxygen Analyzer, Depth of Anaesthesia(qCON), SpO <sub>2</sub>	

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