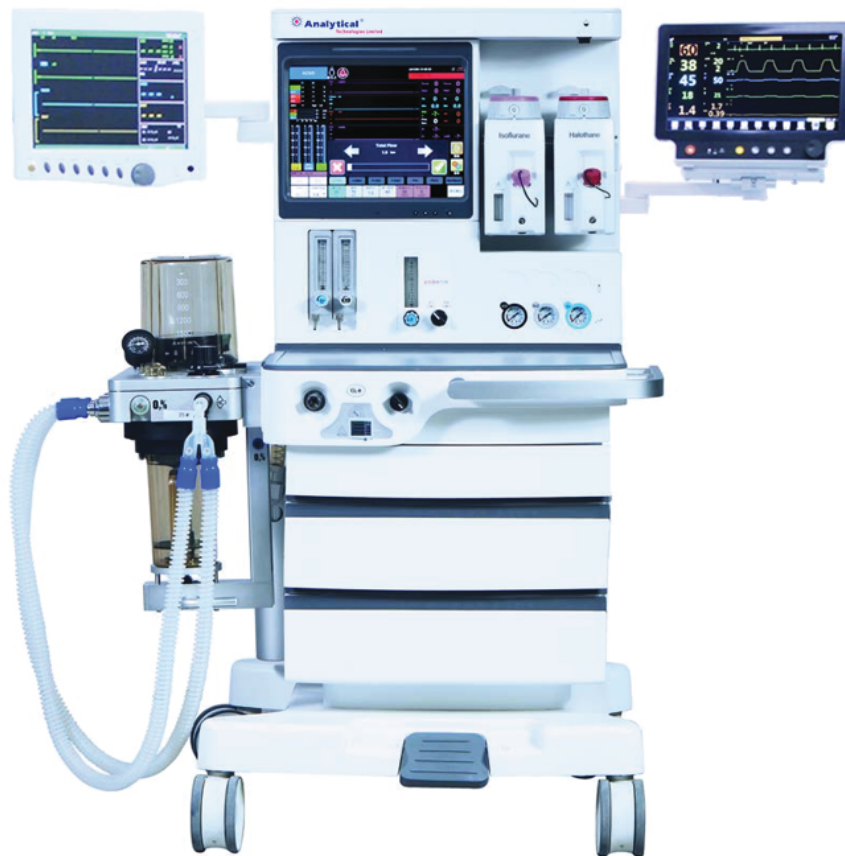


AM - 3660

Anesthesia Machine



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

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►► Application

The Anesthesia machine makes a good performance in Intensive Care Units (ICU), Operation room, Anesthesiology Department and other departments.

Professional design for adult, children and neonatal inhalation anesthesia and respiratory management, with advanced ventilation modes. Outstanding ergonomic design, it ranks high level in safety, stability and convenience as well as user experiences.

AM3660 latest model with the highest technology, more comfortable for doctors and more safety for patients.

►► Trust point

Patient Centered Ventilation: Precision in an anesthesia ventilator, from conventional ventilation to advanced modes and adapt to wide range patient.

Safety design: Vaporizer with temperature, pressure, flow compensation and self-lock function Real time pressure-time, flow-time loop oscillogram and high precision ETCO₂, O₂ concentration detection function included.

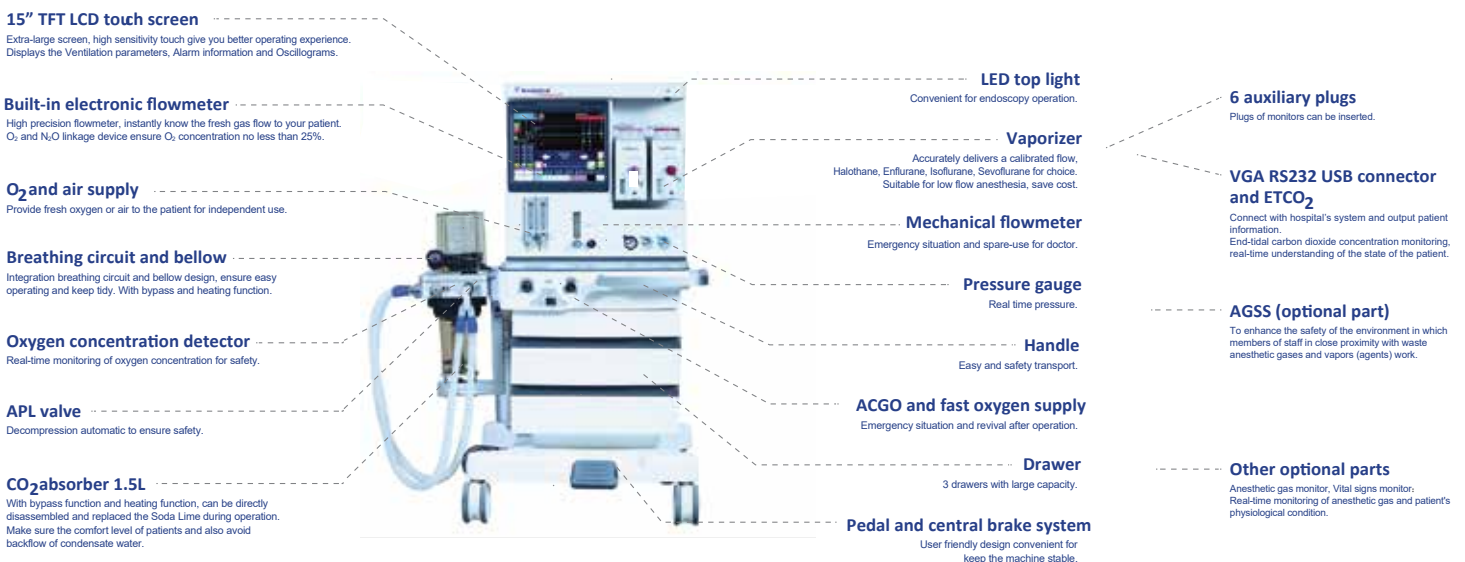
Alarm: 13 alarms to make sure the safety. Three level alarm system, visual and sound alarm information.

Built-in battery ensure 2-3 hours using when power failure.

Visible self-checking system: Make sure the safety of all parts.

Before setting parameters, choose freely type of patients: adult, children and neonatal. Also preset the age of patient.

Separate design of electric circuit and gas circuit ensure long using life.



►► TECHNICAL SPECIFICATION:

- **Ventilation mode**

P-CMV, V-CMV, P-SIMV, V-SIMV, PSV, PRVC(PCV-VG), SIGH, MANUAL/SPONT

- **Ventilator parameter range**

Tidal volume(Vt)	0, 10 mL ~ 1500 mL
Frequency(Freq)	4 /min ~ 100 /min
I:E	4:1 ~ 1:10
PEEP	0 cmH ₂ O ~ 30 cmH ₂ O
Rapid oxygen supply	25 L/min ~ 75 L/min
Pressure trigger	-1 cmH ₂ O ~ -20 cmH ₂ O
Flow trigger	0.3 L/min, 1 L/min ~ 15 L/min
Pressure support	3 cmH ₂ O ~ 50 cmH ₂ O
Pressure limit	10 cmH ₂ O ~ 100 cmH ₂ O
Inspiration apnea	OFF, 5 % ~ 60 %
Inspiration time	0.2 s ~ 5 s
Trigger	5 % ~ 95 %
SIMV frequency	4 /min ~ 60 /min
Rise time	0 s ~ 2 s

- **Monitoring parameter**

Frequency (Freq)	0 /min ~ 100 /min
Tidal volume (Vt)	0 mL ~ 2500 mL
Minute volume	0 L/min ~ 99.9 L/min
Oxygen concentration	15 % ~ 100 %
Airway pressure	-20 cmH ₂ O ~ 100 cmH ₂ O
Inspiration platform pressure	0 cmH ₂ O ~ 100 cmH ₂ O
PEEP	0 cmH ₂ O ~ 70 cmH ₂ O
I:E	4:1 ~ 1:10

- **Testing**

Automatic leakage compensation testing
 Patient circuit leakage compensation and automatic compliance compensation
 Patient monitor and AG monitor can be equipped
 Manual ventilation, mechanical ventilation and standby
 Oscillogram: P-T, F-T, V-T, Lung function loop, ETCO₂
 Self-testing visible
 Alarm visible
 ACGO function

- **Alarm and protection**

VT upper limit	5 mL ~ 2000 mL
VT lower limit	0 mL ~ 1995 mL
MV upper limit	0.1 L/min ~ 100 L/min
MV lower limit	0.0 L/min ~ 99.9 L/min
Respiration frequency upper limit	2 /min ~ 100 /min
Respiration frequency lower limit	0 /min ~ 98 /min
FIO2 upper limit	20 % ~ 100 %
FIO2 lower limit	18 % ~ 98 %
Airway pressure upper limit	2 cmH ₂ O ~ 100 cmH ₂ O
Airway pressure lower limit	0 cmH ₂ O ~ 98 cmH ₂ O
Apnea	20 s ~ 40 s
Oxygen concentration never lower than 25% when N ₂ O start	

- **Oscillogram**

P-T (pressure-time)
 F-T (flow-time)
 V-T (volume-time)
 ETCO₂ -T (ETCO₂ -time)
 P-V loop (pressure-volume loop)
 F-V loop (flow-volume loop)
 F-P loop (flow-pressure loop)

- **Packing size**

Wooden case packing size	L 870 * W 1000 * H 1600 mm
G.W.	240 KG
N.W.	165 KG
CBM	1.392 m ³

HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



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Our Products & Technologies

						
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Optical Emission Spectrophotometer	DSC/TGA	Semi Auto Bio Chemistry Analyzer	HEMA 2062 Hematology Analyzer	Micro Plate Reader/Washer	URINOVA 2800 Urine Analyzer	Total Organic Carbon 3800
						
Fully Automated CLIA	NOVA-2100 Chemistry Analyzer	PCR/Gradient PCR/ RTPCR	TOC Analyzer	Laser Particle Size Analyzer	Ion Chromatograph	Water purification system

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



Analytical Foundation

1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at Info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

Reach us @



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