

Clean and neat interface

- Bookmark menu
- Easy to read and operate
- Reasonable division of parameter setting and parameter monitoring zone;
Max 2-level menu to complete all observation and operation



Comprehensive loop and waveform display. Anesthesia
Gas Monitoring, auto gas identification and Mac calculation



Real time measuring for airway pressures, flow, volumes, compliance
and resistance of breath offer a intuitive tool to detect leaking,
airway obstruction and optimal ventilated parameters adjustment



2000 event records of settings, technical
and physiologic alarm



Alarm setting interface



60 Hours trends review



Easy to observation by Big Font Display

COMEN



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AX-600 / 700
Anesthesia Machine

Performance

The minimum tidal volume down to **5ml**, the first one in China

- Incredible Digital Proportional Valve , imported from NORGREN
- Closed-loop control and real-time feedback
- Automatic tidal volume compensation technology, including fresh gas flow rate, system compliance and system leakage compensation
- With calibration system, heating system and drainage system, the transducer is more accurate, with longer service life
- A Wide range of clinical applications: It can be used on all kinds of complicated diseases form neonates to adults

7% high-precision sensor

- The majority of manufacturers only use one sensor to monitor aspiration, while Comen's Anesthesia Machine adopts high precision flow sensor to monitor both inspiration and aspiration at the same time with its accuracy reaches to 7%, guarantee monitoring accuracy and reliability

Below to **65ml/min** low breathing circuit leakage

- Integrated design, more compact and light weighted
- Compact and integrated breathing circuit, easy to install and sterilize
- Leakage rate is less than 65ml/min; fully satisfy the requirement of the low flow rate anesthesia surgery and reduce environmental pollution



Configuration



Screen

- 12.1" four-way rotating touch screen, more comfortable for doctors of different heights in different positions to observe and operate, reducing work fatigue

Ventilator

- Proportional Solenoid valve control technology and precise volume sensor detection technology
- SIMV/SIMV+PS simplify the monitoring of patient with spontaneous breath and extend clinical applications
- Advanced pressure support ventilation (PSV+ apnea backup) determines inspiratory velocity based on patient's condition
- Compliance, fresh air and leakage compensation functions ensure exact tidal volume transferred as preset
- Comprehensive respiratory mechanics monitoring, real-time display of waveforms and P-V, F-V and P-F loop
- Electronic PEEP



Electronic Flow Meter

- Instantly know the fresh gas flow to your patient.
- Identifying key information quickly and easily is critical to your practice.

Flow meter back light

- Providing a quick reference even in a darkened environment.

Excellent breathing system

- Compact and integrated design; Closed and semi-closed system
- PPSU plastic circuit, corrosion resistance, long service life and fully autoclavable at 134°C
- Easy to disassemble and convenient to clean, save more maintenance time
- Built-in heater and the medium copper plate eliminate the condensation of the internal water vapor effectively
- CO₂ bypass facilitates soda lime exchange during operating without any care about leakage

One-hand installation and dismount of soda lime canister

- Can be replaced during operation
- Quick, convenient and hygienic
- Directly pull the handle without rotation
- Compared with double-hand, one-hand operation keeps doctors further away from the canister waste



Brightness adjustable deck light

- Provides work area illumination.

Roomy workbench

- 1170cm² working space, fully satisfy various kinds of needs

Modular design (optional)

- Incorporate anesthesia related monitoring functions like AG, EtCO₂, BIS; Modular design in anesthesia machine to achieve resources sharing; Plug and play, flexible configuration; Reduce medical costs, facilitate clinical work



Rotatable and lockable roomy drawer



Auxiliary Oxygen supply





AGSS (Optional)

- Effective removal of anesthesia gases from the working area.

Integration and promotion (Optional)

- Support external GCX bracket
- Comen's modular monitor optional, such as C90
- Auxiliary power supply, easier and more convenient



ACGO (Optional)

- The cover has the function of a switch, once it was open, the gas would flow automatically

Quick O₂

- The pressure against evaporator is less than 1.6kPa under quick O₂ supply condition, no influence to anesthetic gases concentration hence to guarantee stability and safety



Central brake system (AX-700)

- Time-saving, convenient and easy to use

