



Professional manufacturer for Anesthesia & Ventilator
Since 1992

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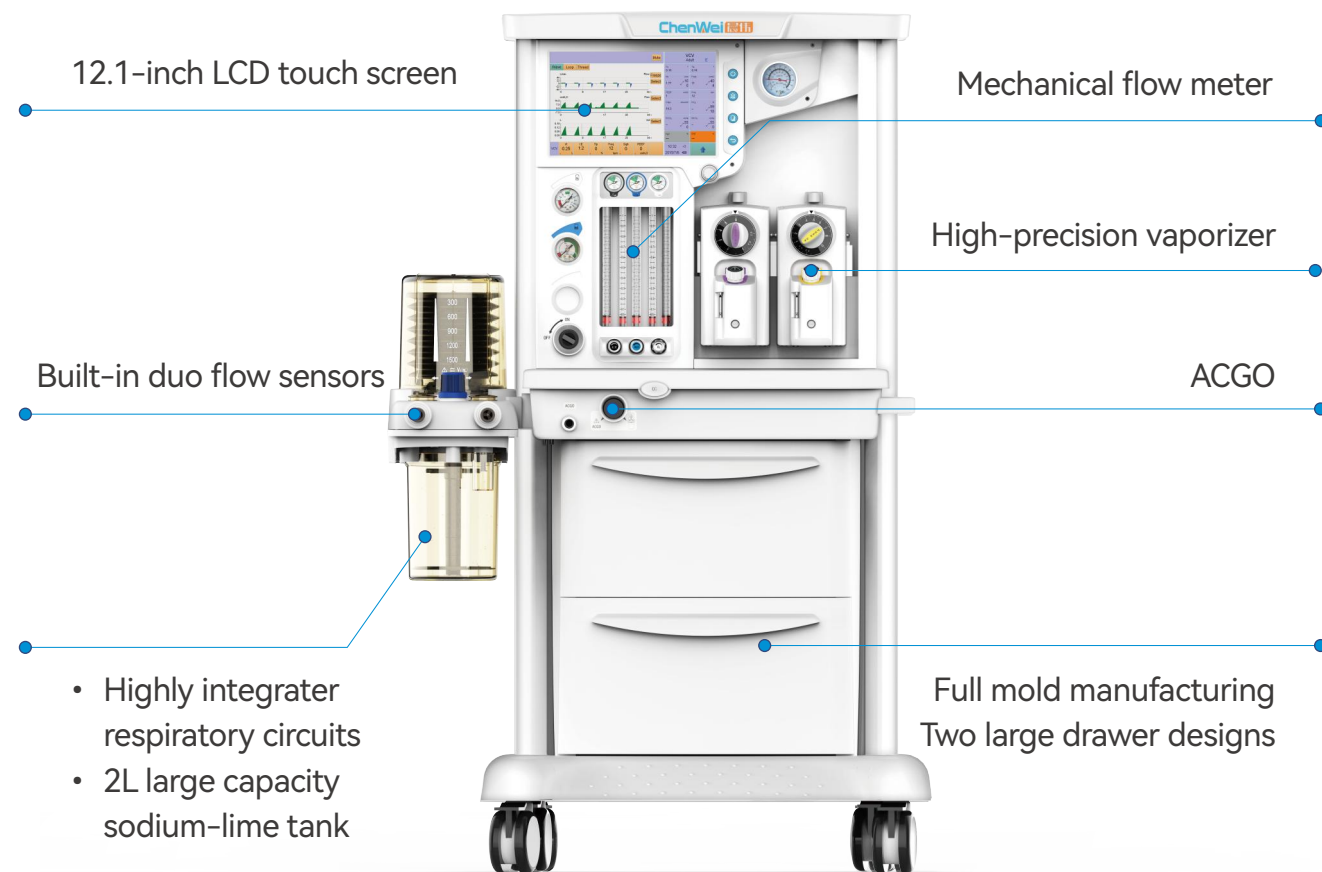
ChenWei 晨伟



CWM-302

Anesthesia Machine





Advanced



Safety



Accurate



Reliable

Comprehensive and Powerful Assistant

With over 30 years of dedicated effort, we have established ourselves as a leader in machining centers worldwide. Our core components are developed and manufactured in-house, allowing us to maintain rigorous quality control. Leveraging our extensive production experience, we guarantee the quality, stability, and reliability of our products.

Features

- 12.1-inch touch screen with no dead space.
- New interface design with a user-friendly layout and color assortment.
- Day/night display mode brings better visual perception to users. Night mode is suitable for dark environments.
- Displays a full range of ventilation modes including VCV, PCV, PSV, SIMV-V, SIMV-P, A/C, etc. Also displays pressure, flow, volume, and CO₂ waveform in the same interface.
- Real-time detection for loops, airway pressure, flow rate, volume, compliance, and airway resistance.
- Comprehensive monitoring capabilities include ventilation parameters monitoring, preset parameters, alarm indication, and breathing waveform monitoring.
- Typical display for zoom in/out, comparison, and freeze.
- Event logging function.



Humanized Operation Interface

- Large screen HD TFT wide-viewing angle color LCD touch display. New interface design, reasonable layout and color matching.
- Supports multiple languages, including English, Spanish, French, Russian, and more.
- The night mode ensures optimal visual clarity during endoscopic surgery.
- The top lighting function is designed to meet the requirements of various environments.
- Powerful monitoring and alarm functions, three-level sound and light alarm indication.
- Display 3000 trends analysis chart and effective 72 hours log record.



Pneumatic And Electrical Integrated System Switch

The switch design of the gas-electric integrated system is adopted. After shutdown, there is no fresh gas flow output, reducing unnecessary gas waste. The power supply and gas source are turned off at the same time.

Integrated Breathing Circuit Comfortable To Patient

- Integrated breathing circuit with APL valve, excellent tightness and easy to use.
- Low essential resistance, good mechanical compliance.
- Replacing drive bellow is not required when operating pediatric anesthesia.
- Drain cup design ensure no water trap in the breathing circuit.
- Built-in design duo flow sensor (no maintenance required).
- 2L Large volume of CO₂ canister.
- Autoclave 134°C.



High Precision Vaporizer

- Vaporizer can support low flow anesthesia (as low as 0.2 L/min) and high flow anesthesia (up 15 L/min).
- Accurate output of concentrations under varying conditions of pressure, flow and temperature.
- Support Selectatec mounting type and cagemount compatible.
- Agent type: Isoflurane, Enflurane, Halothane, Sevoflurane.
- Maintenance-free.
- Fill-in type: pouring.



Yoke system

Up to 3 back up cylinders with A-type 11 L size.

Communication interface

Multifunctional network interfaces, including USB, Ethernet, COM, HDMI, allow connections to various devices such as in-hospital and out-of-hospital networks, monitors, and more. Data can be directly output to support the requirements of hospital information development.



AGSS (Optional)

- Made by aluminum alloy.
- High strength, light weight, never rusts.
- Enhance the safety of the environment in which members of staff in close proximity with waste anaesthetic gas and vapors (agents) work.

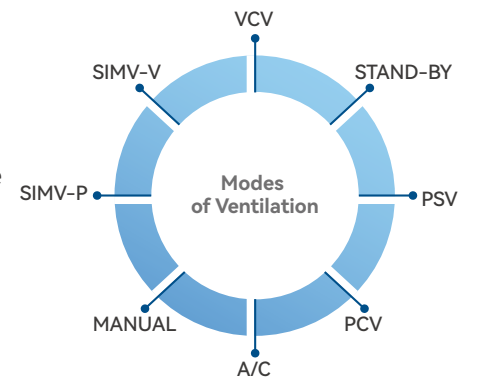
Other Optional Modules

- AG Module
Automatically identify and monitor the concentration of more than five anesthetic gases. MAC (Minimum Alveolar Concentration) monitoring provides a clear and intuitive display of the effective concentration.
- BYPASS
Allows for the quick diversion of gas flow, ensuring patient safety in emergency situations.
- ETCO₂
Main stream ETCO₂ module ensures continuous assessment of the patient's ventilation status, enhancing overall safety during anesthesia.
- Auxiliary Oxygen meter
Provides an additional measurement of oxygen levels, ensuring precise and continuous monitoring of the patient's oxygenation status.
- Suction unit
Used to remove secretions, fluids, or debris from the patient's airway to ensure clear breathing passages during surgery.

High Performance Ventilator

Modes of Ventilation

- VCV: Volume Controlled Ventilation
- SIMV-V: Synchronized Intermittent Mandatory Ventilation-Volume
- SIMV-P: Synchronized Intermittent Mandatory Ventilation-Pressure
- MANUAL: Manual
- A/C: Assist/Control Ventilation
- PCV: Pressure Control Ventilation
- PSV: Pressure Control Ventilation
- STAND-BY: STAND-BY



State-of-the-Art Technology

Precise tidal volume control technology with automatic compensation function ensures stable performance, safety, and reliability. Multiple ventilation modes, including VCV, PCV, PSV, A/C, SIMV-V, SIMV-P with comprehensive monitoring and alarm functions. This technology meets the surgical requirements of infants, children, and adults, making the anesthesia process easier.

