



Professional manufacturer for Anesthesia & Ventilator
Since 1992

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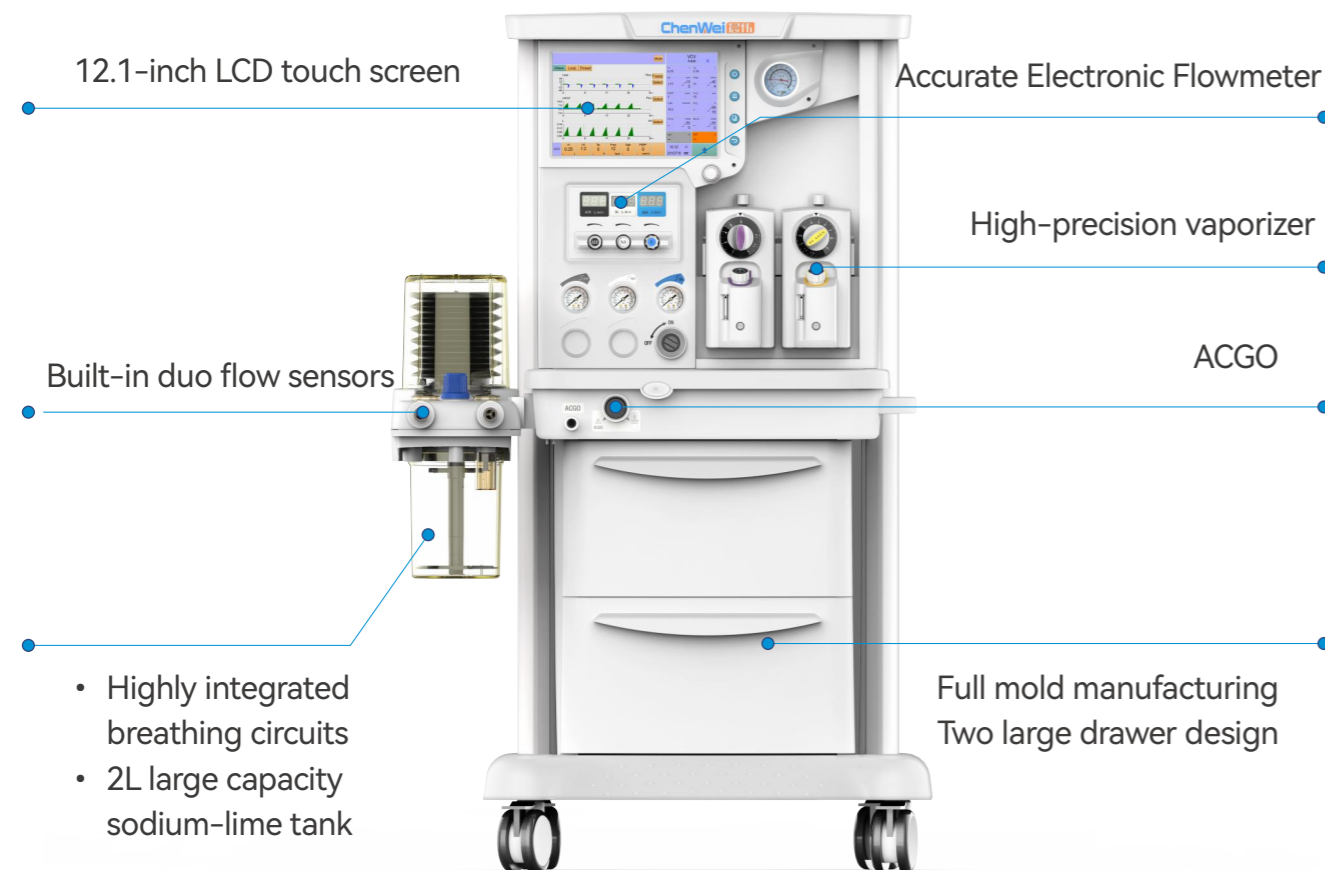
ChenWei 晨伟



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.

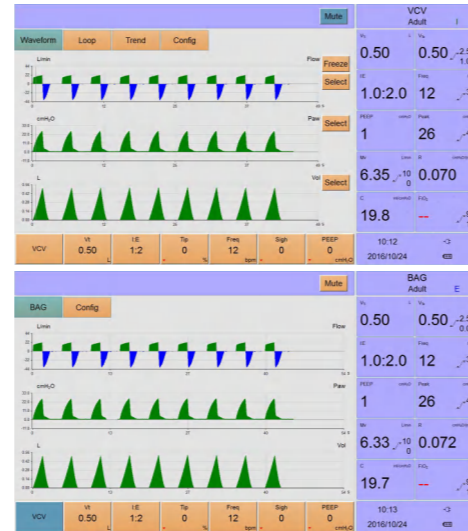
Features

- 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.



High Precision Vaporizer

- Advanced automatic compensation for temperature, flow and pressure.
- Used for low-flow anesthesia, saving more anesthetic drugs.
- Enflurane, Isoflurane, Sevoflurane, Halothane etc. are available.



Yoke system

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



Accurate Electronic Flowmeter

The electronic flowmeter with electronic gas mixing, designed with large flow and a clear, intuitive and accurate display, facilitates flow management during surgery.

Adjustment range:

| | |
|------------------|------------|
| O ₂ | 0-15 L/min |
| N ₂ O | 0-15 L/min |
| Air | 0-15 L/min |

Integrated Breathing Circuit

- Integrated breathing circuit with APL valve provides excellent tightness and safety.
- The circuit components resistant to high temperature at 134°C and high pressure disinfection.
- Replacing drive bellow is not required when operating adult and pediatric anesthesia.
- High-precision built-in duo flow sensors at both the inhalation and exhalation ports.
- 2L volume sodium lime tank, single tank structure is more convenient to disassemble.



AGSS (Optional)

- Provides a safety guarantee for the treatment of anesthesia waste gas in the operating room.
- Utilizes the negative pressure generated by the central negative pressure pump to collect waste gas for centralized treatment.
- Reduces environmental pollution in the operating room and ensures the safety of medical staff and patients.

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.



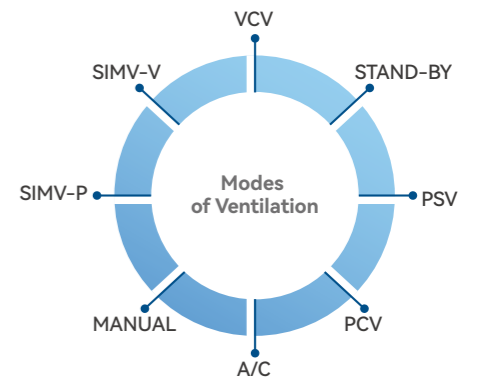
Other Optional Modules

- 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.

