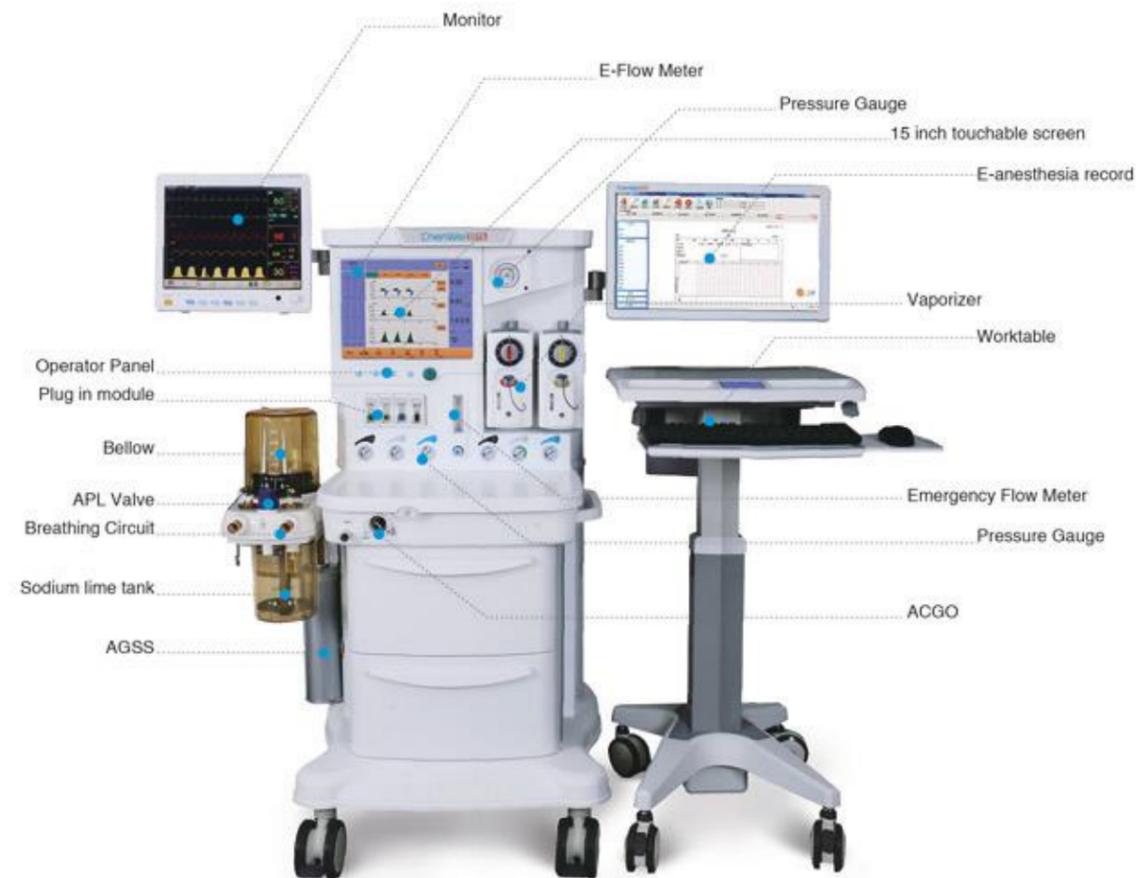# ChenWei 晨伟

Authorised Representative

Note:specification subject to change without prior notice

CWM-303
Anesthesia system

CE 0123 ISO 9001/13485

CWM-303 Anesthesia System

Monitor

E-Flow Meter

Pressure Gauge

15 inch touchable screen

E-anesthesia record

Vaporizer

Worktable

Operator Panel

Plug in module

Bellow

APL Valve

Breathing Circuit

Emergency Flow Meter

Pressure Gauge

Sodium lime tank

ACGO

AGSS

Advanced

Safe

Accurate

Reliable

Integrated Breathing Circuit with patent anesthesia clinical design

- Integrated breathing circuit with APL valve, excellent tightness and easy to use.

- Low internal resistance, good mechanical compliance.

- Replacing drive bellow is not required when operating pediatric anesthesia.

- Heated breathing circuit ensures no water trap in the system.

- Built-in design duo flow sensor (no maintenance required).

- 2L large volume of CO_2 canister.
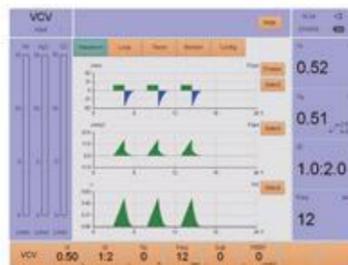
- Autoclave 134℃
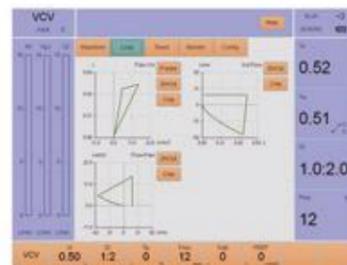
High-precision Vaporizer

- Can be used for large flow anesthesia(up to15L/Min).

- Apply automatic compensation function for temperature, pressure and flow.

- Apply with Selectatec.

- Pouring type/quick-fil.

- Isoflurane, Enflurane, Halothane, Sevoflurane.

Display

- 15 inch touch screen with no dead space which give users a clear vision for parameters and waveforms
- NEW interface design with user friendly layout and colour assortment.
- Day/Night display mode brings a better visual perception. Night mode suitable for dark environment.
- Display a full range of ventilation modes including VCV, PCV, SIMV-VC,SIMV-PC,PSV. Also displays pressure, flow rate, volume and CO_2 waveform in same interface.
- Real-time detection for loops, airway pressure, flow rate, volume, compliance and airway resistance.
- Electronic flowmeter (mechanical flowmeter also applied for safety issue).
- Typical display for Zoom in/out, comparison, freeze.
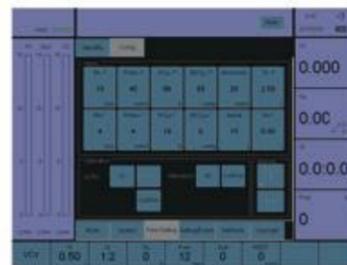- Show last 24 hrs trends.
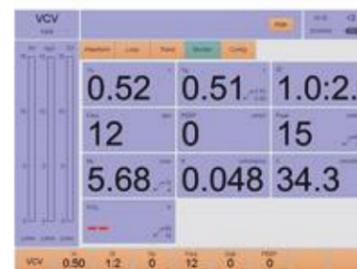- Up to 1000 logs.

Waveforms Display

Loops Display

1000 logs (Night mode)

Alarm setting (Night Mode)

Monitoring

- Comprehensive monitoring capabilities include ventilation parameters monitoring, preset parameters, alarm indication and breathing waveform monitoring.

ACGO

- International standard design (diameter: 22mm).
- Available for patients' oxygen inhalation and postoperative recovery.
- Available with T circuit or bain circuit for open operation.

Yoke system

- Allow back-up cylinder.
- 3 gas sources support: O_2, N_2O, Air.
- Normally A-type 11L size in the emergency case.

AGSS

- Made by aluminum alloy. High strength, light weight, no rust at any time.
- Enhance the safety of the environment in which members of staff in close proximity with waste anaesthetic gases and vapors (agents) work.

Module plug in design

- Plug in design available for monitoring SPO$_2$, CO$_2$, FiO$_2$ and 5 AA(anesthetic gases module).

Communication Interface

- Used to connect with Hospital network, WLAN, Cloud storage and communicate with other medical equippments.

- Also used to upgrade equippment and upgrade port.

CWM-303 Anesthesia System

Technique Specifications	
Physical specifications	
Dimensions:	70*85*140cm
Weight:	85kg
Casters:	Front wheels with lock
Screen:	LCD
Display	15 inch touchable
Display graphics	Waveforms of P-T, F-T, V-T, loops of P-V,V-F,F-P
Working specifications	
Power	AC 110V~240V, 50Hz/60Hz
Battery Power	Up to 120 mins

Pipeline supply	
Gas configuration	O$_2$, N$_2$O, Air
Pipeline input range	280-600kPa(40~85psi)
Applications	
Patient range	Audlt/ Peadiatric
Ventilator Specifications	
Modes of ventilation	
VCV	Volume Control Ventilation
PCV	Pressure Control ventilation
PSV	Pressure Support Ventilation
SIMV	Synchronized Intermittent Mandatory Ventilation
SIMV-VC	Synchronized Intermittent Mandatory Ventilation-Volume Control
SIMV-PC(Optional)	Synchronized Intermittent Mandatory Ventilation-Pressure Control
PRVC(Optional)	Pressure-regulated Volume Control
MANUAL	Manual
STAND-BY	STAND-BY
Ventilator parameter	
Working type	Electronically controlled, pneumatic driven
Tidal Volume range	10-1500ml
Pressure range	5-60 mbar
Rispriation Rate Range	1-99bpm (1-40bpm under SIMV)
I:E Range	4:1-1:8
Ptrigger Range	-20-0cmH$_2$O
Minute volume range	>18L/Min
SIGH range	0-5/100
System Standard	
Hypoxic guard system	N$_2$O cut-off valve, O$_2$ concentration >25%
Safety valve	<12.5kPa
O$_2$ Flush	25-75L/min
Flowmeter	Electronic 0-20L/min,Mechanical flowmeter for back-up
Volume of CO$_2$ absorber	2L
Vaporizer	2 Selectetac, maximum 2 mounts(Isoflurane/Enflurane/Sevoflurane/Halothane)
Monitoring	VT, MV,IE ratio, Bpm, Airway pressure, Ppeak, FiO$_2$, Lung compliance, Pplat, Pmean,Airway resistance ,PEEP,CO$_2$ (Optional)
Alarm Limits	
Audio/Visual	No tidal volume, MV,Paw, FiO$_2$, Air failure, AC power failure, Battery low,EtCO$_2$(Optional)
Pre-setting functions	
Language	CHINESE,ENGLISH etc.
Self-test	Automatic
PEEP	
Type	Integrated, Electronic control
Range	OFF, 0-30cmH$_2$O
Other features	
ACGO	Auxiliary Common Gas Outlet
Yoke system (Pin-index)	Support 11L cylinder,O$_2$/N$_2$O
AGSS(Optional)	Anaesthetic Gas Scavenging Systems
Patient Monitor(Optional)	
E-Anesthesia record(Optional)	
Worktable(Optional)	