**FORERMED**

# Henan Forever Medical CO., LTD

*YJ–303*

**Anesthesia system**

Authorised Representative
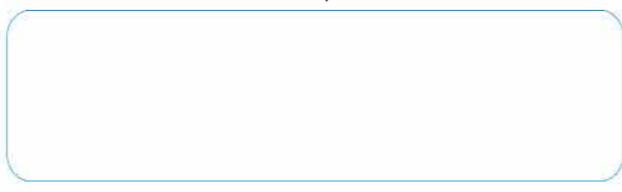
Note: specification subject to change without prior notice

# YJ-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

Sodium lime tank

AGSS

Emergency Flow Meter

Pressure Gauge

ACGO
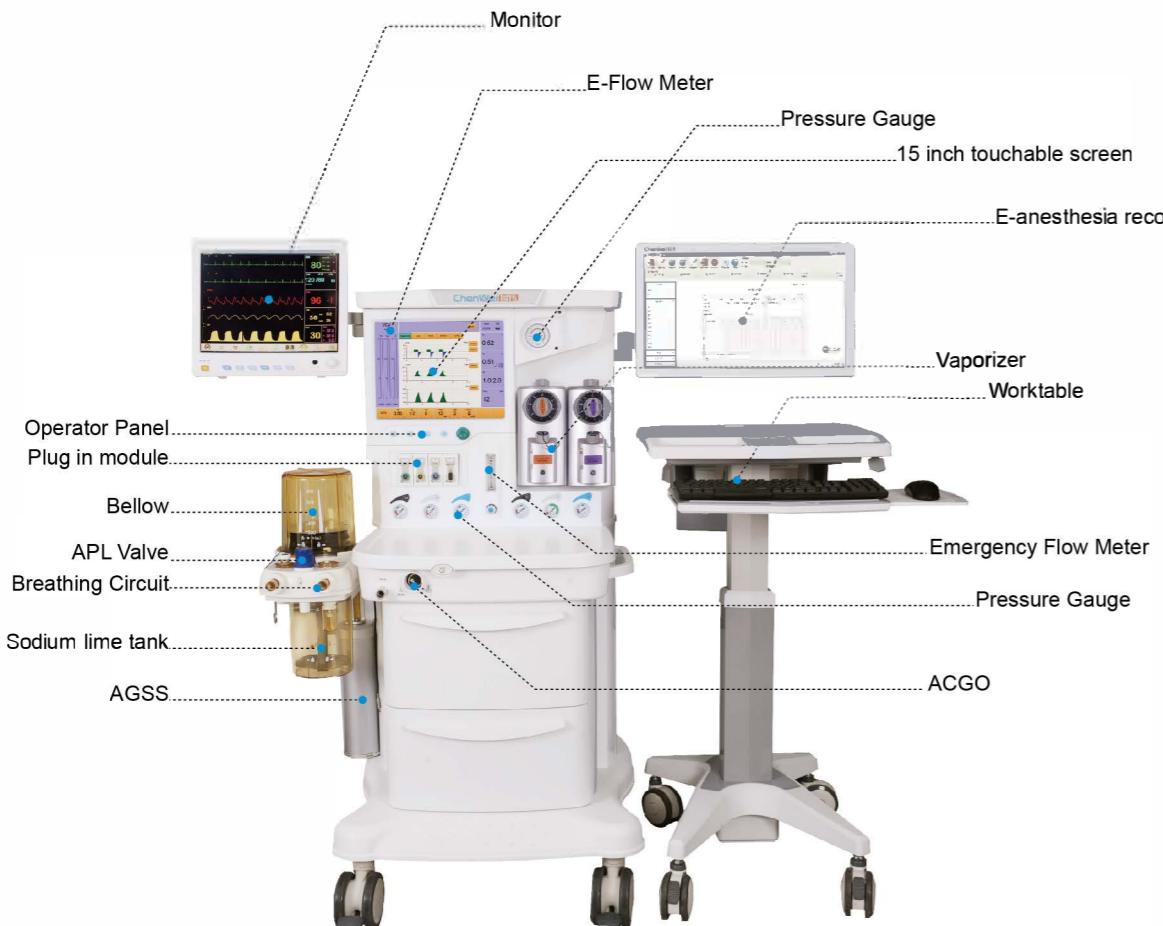
Advanced | Safe | Accurate | Reliable

| Ventilator Specifications | |
|---|---|
| **Modes of Ventilation** | |
| VCV | Volume Control Ventilation |
| SIMV | Synchronized Intermittent Mandatory Ventilation |
| SIMV-PC | Synchronized Intermittent Mandatory Ventilation-Pressure Control(Optional) |
| MANUAL | Manual |
| SIPPV (A/C) | Synchronized Intermittent Positive Pressure Ventilation |
| PCV | Pressure Control Ventilation |
| PSV | Pressure Support Ventilation |
| STAND-BY | STAND-BY |
| PRVC | Pressure-regulated Volume Control(Optional) |
| **Ventilator Parameter** | |
| Working type | Electronically controlled, pneumatic driven |
| Tidal Volume range | 10-1500ml |
| Pressure range | 5-60 cmH$_2$O |
| Rispriation rate range | 1-100 bpm (1-40bpm under SIMV) |
| I:E range | 4:1-1:8 |
| Ptrigger range | -20-20 cmH$_2$O (based on PEEP) |
| Flow trigger | 0-15 L |
| Minute volume range | >18 L/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 |
| Fresh gas compensation | 25-75L/min |
| Volume of CO$_2$ absorber | 2 L |
| Flow meter | E-flowmeter |
| | 0.1-15L/min O$_2$, 0.1-15L/min N$_2$O, 0.1-15L/min air |
| Vaporizer | 2 Selectetac, maximum 2 mounts |
| | (Isoflurane/Enflurane/Sevoflurane/Halothane) |
| **Monitoring** | |
| Display graphics | Waveforms of P-T, F-T, V-T, loops of  P-V,V-F,F-P(Zoom in/out, |
| | comparison, freeze) |
| Types | VT, minute volume range, airway pressure, I:E range, lung compliance, |
| | plateau, O$_2$ concentration, CO$_2$ (optional),Anaesthetic Gas(optional) |
| **Alarm Limits** | |
| Audio/Visual | No tidal volume, MV,Paw, FiO$_2$ limitation O$_2$, |
| | Air failure, AC power failure, Battery low |
| **PEEP** | |
| Type | Integrated, Electronic control |
| Range | OFF, 3-30cmH$_2$O |
| **Auxiliary features** | |
| ACGO | Auxiliary Common Gas Outlet |
| Yoke system(Pin-index) | Support 11Lcylinder,O$_2$/N$_2$O |
| AGSS | Anaesthetic Gas Scavenging Syetems(optional) |
| Communication Interface | Ethernet, USB, COM |
| Worktable | Optional |
| Patient Monitor | Optional |
| E-anesthesia record | Optional |

# Module plug in design

- Plug in design available for monitoring SPO2,

  CO2,FiO2 and 5 AA(anesthetic gases  module).

# Integrated Breathing Circuit

- 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).

- 2 L Large volume of $CO_2$ canister.

- Autoclave 134℃.

# Yoke system

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

# High-precision Vaporizer

- New vaporizer can be used for large flow

  anesthesia(15L/Min).

- Apply automatic compensation function

  for temperature, pressure and flow.

- Apply Interlock Selectatec.

- Pour type: Isoflurane, Enflurane,

  Halothane, Sevoflurane.

| Technique Specifications | |
|---|---|
| Physical Specifications | |
| Dimensions: | 70*85*140cm |
| Casters: | Front wheels with lock |
| Screen: | 15 inch LCD |
| Working Specifications | |
| Power | AC 100V-240V, 50Hz±2% |
| Pipeline Supply | |
| Gas configuration | O2, N2O, Air |
| Pipeline input range | 280-600kPa |
| Battery Power | |
| Run-time | Up to 2 hrs |
| Pre-setting Functions | |
| Language | English |
| Calibration | Automatic |
| Applications | |
| Patient range | Audlt/ Pediatric |

# Display

- 15 inch touch screen with no dead space.
- NEW interface design with user friendly layout and colour assortment.
- Day/Night display mode brings a better visual perception to users. Night mode suitable for dark environment.
- Display a full range of ventilation modes including VCV, PCV, SIMV,SIMV-PC(Optional),PSV, PRVC(Optional). Also displays pressure, flow rate, volume and $CO_2$ waveform in same interface.
- Comprehensive monitoring capabilities include ventilation parameters monitoring, preset parameters, alarm indication and breathing waveform monitoring.
- Electronic flowmeter(mechanical flowmeter also applied for safety issue).
- Typical display for Zoom in/out, comparison, freeze.
- Show last 72hrs trends.
- Up to 3000 logs.
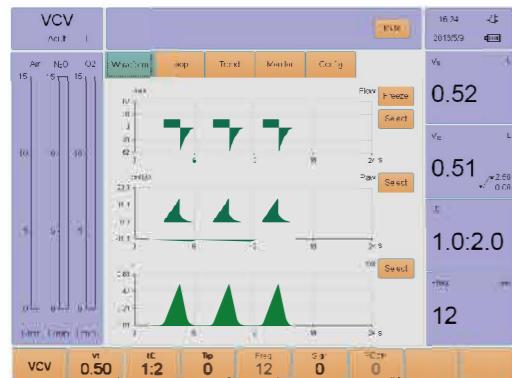
Waveforms Display
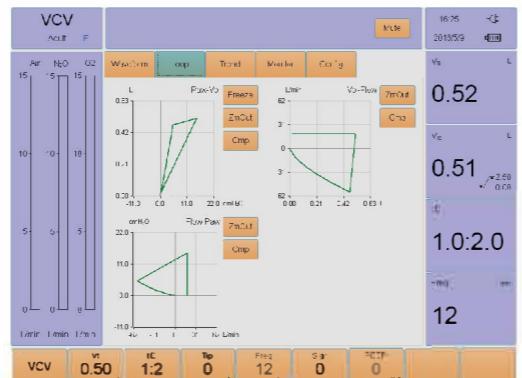
Loops Display

Waveforms Display
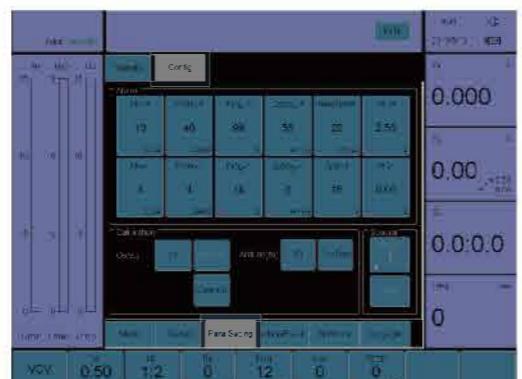
Alarm setting(Night Mode)

# Monitoring

- Comprehensive monitoring capabilities include VT, minute volume range, airway pressure, I:E range, lung compliance, plateau, $O_2$ concentration, $CO_2$ (optional)

# ACGO

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

# AGSS

- 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 gases and vapors (agents) work.