CWM-301

Anesthesia workstation

Integrated Breathing Circuit

- The integrated breathing circuit with an APL valve provides excellent tightness and safety.
- The circuit components are resistant to high temperatures of 134°C and can withstand high-pressure disinfection.
- Replacing the drive bellows is not required when operating for both adult and pediatric anesthesia.
- The 2L sodium lime tank features a single-tank structure, making it more convenient to disassemble.

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 (Optional)

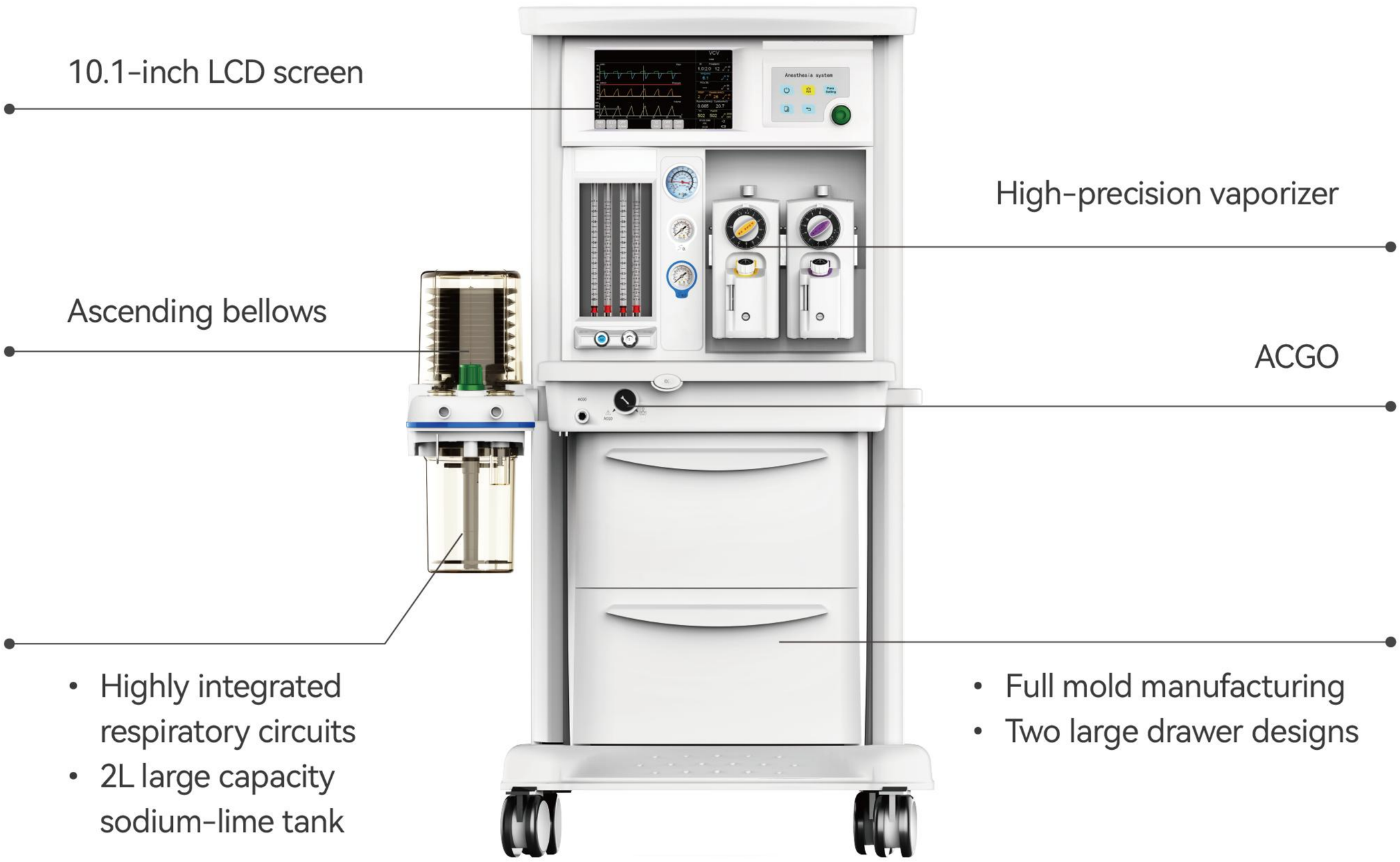
Up to 3 back up cylinders with A-type 11L size.

ACGO

- International standard design.(diameter:22mm)
- Convenient for patients oxygen inhalation and postoperative recovery.
- Compatible with T circuit or Bain circuit for open-operation.

Electronic PEEP

- Keeps alveoli open at the end of expiration, preventing lung collapse and improving lung function.
- Maintains positive pressure in the lungs, enhancing oxygen and carbon dioxide exchange for better blood oxygenation.
- Prevents lung or lobe collapse, which is crucial during long surgeries and for patients with weakened respiratory function.



AGSS (Optional)

- Made of aluminum alloy: high strength, lightweight and rust-resistant.
- Provides a safety guarantee for the treatment of anesthetic waste gases in the operating room.

Technique Specifications	
Physical Specifications	
Dimensions	70*85*140cm
Weight	65kg
Casters	Front wheels with lock
Screen	10.1 inch LCD
Working Specifications	
Power	AC 100V-240V, 50Hz±2%
Pipeline Supply	
Gas configuration	O_2, N_2O, Air(Optional)
Pipeline input range	280-600kPa
Battery Power	
Run-time	≥180mins
Pre-setting Functions	
Language	English
Calibration	Automatic
Applications	
Patient range	Adult / Pediatric
Ventilator Specifications	
Modes of Ventilation	
VCV	Volume Control Ventilation
A/C	Assist / Control Ventilation
SIMV	Synchronized Intermittent Mandatory Ventilation
MANUAL	Manual
STAND-BY	STAND-BY
Ventilator Parameter	
Working type	Electronically controlled, pneumatic driven
Tidal volume range	20-1500ml
Pressure range	5-60cmH_2O
Respiration rate range	1-100bpm(1-40bpm under SIMV)
I:E range	4:1-1:8
Ptrigger range	-20-20cmH_2O(based on PEEP)
Minute volume range	>18L/Min
SIGH range	0-5/100
System Standard	
Hypoxic guard system	N_2O cut-off valve, O_2 concentration >25%
Safety valve	<12.5kPa
Fresh gas compensation	25-75L/min
Volume of CO_2 absorber	2L
Flow meter	4/5 tubes, Cascade 0.1-15L/min O_2, 0.1-15L/min N_2O, 0.1-15L/min Air(Optional)
Vaporizer	2 Selectatec, 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
Types	VT, MV, BPM, Paw, Lung compliance, Inspiratory Platform, FiO_2, $ETCO_2$(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_2O
Optional features	
1. AGSS	
2. Suction Unit	
3. Communication Interface	