

## Technical Specification

### Physical & Environmental Specifications

- Dimensions(HxWxD): 1356x845x620mm
- Weight: 110kg (basic unit)
- Storage temperature: -20~+55°C
- Working temperature: +10~+40°C
- Storage humidity: ≤93%

### Electrical Specifications

- Mains: 100~240V, 50/60Hz
- Battery: 24V DC, minimum 120 min
- Mains outlet: 3

### Pneumatic Specifications

- Gas supply: 0.28~0.6MPa
- Flowmeters: O<sub>2</sub>: 0~1L/min; 1~10L/min  
N<sub>2</sub>O: 0~1L/min; 1~10L/min  
Air: 0~1L/min; 1~12L/min
- Gas system: Oxygen supply failure alarm  
Oxygen supply failure protection  
O<sub>2</sub> flush: 25~75L/min
- Working mode: Closed, Semi-closed, Semi-open
- Driven mode: Pneumatically driven and electronically controlled
- Safety valve: ≤10kPa
- Operating mode: Man. / Vent.
- Cylinder yokes: Optional

### Vaporizer

- Support 2 vaporizers  
(Selectatec® with interlock, optional standby vaporizer parking holder)
- Agent type: Halothane, Enflurane, Isoflurane, Sevoflurane
- Filling type: Pour-fill, Key-fill, Quik-fill®

Remark: Above configurations include standard and option. Please check price with your Edan sales representative.

### Ventilator Specifications

- Patient type: Adult, pediatric
- Ventilation modes: IPPV, PLV, SIMV, Spont (with apnea backup), Manual, Standby
- Setting: Navigator knob and touch screen
- Tidal volume: 20~1500ml
- Ventilation frequency: 4~100bpm
- I:E ratio: 4:1~1:8
- PEEP: 0~30 cmH<sub>2</sub>O (optional)
- Inspiratory plateau: OFF, 5%~60%
- Flow trigger: 1L/min~15L/min
- Pressure trigger: 0~-20 cm H<sub>2</sub>O
- Pressure range: 5~70 cm H<sub>2</sub>O
- Monitoring display: Display: 8.4" color touch screen  
Pressure: Ppeak, Pplat, Pmean, PEEP  
Volumes: MV, Vt  
Breath rate  
Compliance  
Gas: O<sub>2</sub>, CO<sub>2</sub>, Agent (all optional)  
Graph display: P-t, F-t waveforms, P-V and F-V loops
- Alarm: High Airway Pressure/Low Airway Pressure  
High Minute Volume/Low Minute Volume  
High FIO<sub>2</sub>/Low FIO<sub>2</sub> (when FIO<sub>2</sub> function is enabled)  
Power failure  
O<sub>2</sub> Supply failure, Apnea, .....  
Alarm Silence: ≤120 seconds

# Dependable anesthesia assistant Long5

## Anesthetic Workstation



A world of potential

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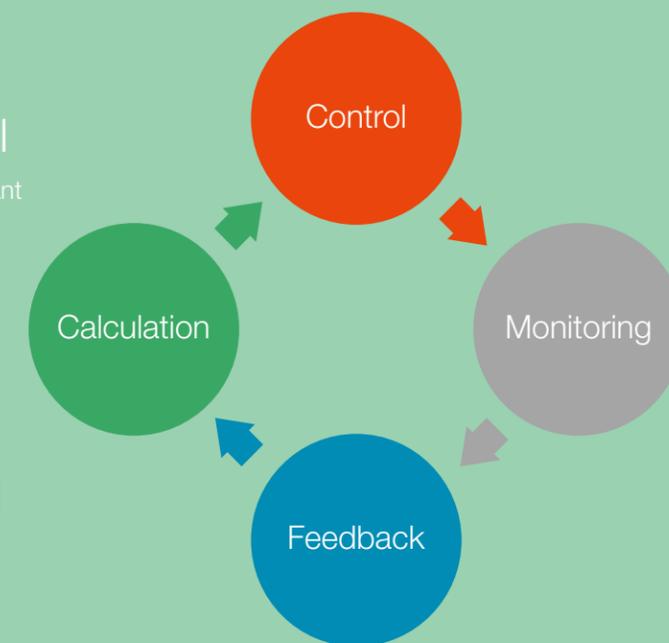
# Long5

Anesthetic Workstation



## Accurate Ventilation Control

- Minimum tidal volume of 20ml applicable to infant
- Closed-loop control operation system for accurate ventilation
- Automatic compensation of fresh gas, compliance and altitude
- Three gas supplies with six-tube flowmeter could allow precise adjustment, which realizes low or minimum flow anesthesia



## Unique Breathing System

- Long life span alloy breathing system with small mechanical dead space
- Fast release type APL valve for improved resuscitation efficiency
- Build-in sensor design for reduced maintenance costs
- Low resistance insp/exp and exhalation valves for improving pediatric care
- Easy mounting large capacity sodalime canister



## Humanized Interface

- 8.4 inch full touch screen for easier operation
- Spirometry loops and more respiratory mechanics monitoring like compliance and resistance facilitate the analysis of ventilation status
- Color-coded parameters and waveforms for intuitive monitoring



## Various Accessory Options

- Configurable CO<sub>2</sub> and AG modules for more accurate monitoring
- AGSS (Anesthetic Gas Scavenging System) protects the caregivers from waste gases
- Two vaporizers with interlock system
- Backup cylinder yokes are available