

# Anesthesia Workstation Maja X50 / X50 Plus

based on the patient's needs

## Top shelf and light

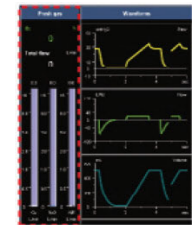
Load weight 30Kg, Height: 1410 width: 550 depth: 350mm.  
LED light illuminates all work surfaces.

## Friendly interface

12.1" TFT touch screen, with rotary knob. Resolution 800 X 600.

## Anesthesia ventilator

Tidal volume: 20-1500mL. Easy to upgrade model of ventilation.



## Electronic flowmeter module

O<sub>2</sub>, N<sub>2</sub>O, Air, fresh gas simulate display and adjustable.



## Cycle absorber assembly

Integrated bypass cycle absorber with heating system by mold manufacturing, 134°C Sterilization, nature latex free.



## Anesthesia Gas Scavenging System

Independent active AGSS exhaust, avoid anesthesia air pollution in the OR, concerns clinicians healthy.



## Antistatic casters

Diameter 125mm, two brakes of four casters.



## Dual DIN rail sys

Adapt patient monitor support arm, BIS SYS or syringe pump frame on both sides.

## Monitoring interface

Overall parameters of setting, measurement and graphic trends data intuitive displays.

## Dual Vaporizer

Select bar support 2 vaporizers position for Enflurane, Isoflurane, Sevoflurane, Halothane. VP10 vaporizer compensates for variances in pressure, temperature and flow and needs no annual recalibration.

## Yoke

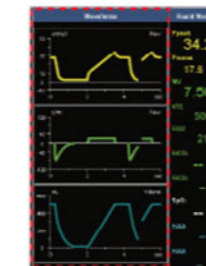
PISS standard, optional max 3 cylinder.

## Drawer

Size: 200x392x398 (H xWx D) x2. Optional max 3.

## Suction

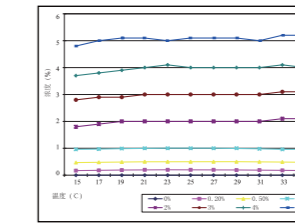
Patient suction system with a regulator and reusable canister.



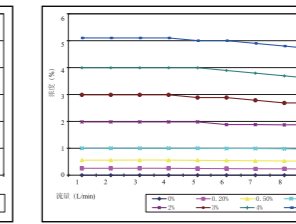
## Vaporization

- High precision anesthetic vaporizer, service free, dual position with Selectatec bar. Dosage: 300ml, available for Halothane, Enflurane, Isoflurane, Sevoflurane vaporizer with interlock safe systems.
- Compensates for variances in pressure, temperature and flow for accuracy of transmitting concentration ensures patients receive adequate oxygenation, reliable vaporization of inhaled anesthesia drugs.

### Isoflurane

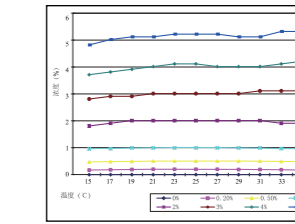


Variation of output with temperature (SL / min)

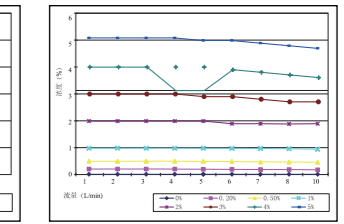


Variation of output with flow rate (Temperature 20°C)

### Enflurane



Variation of output with temperature (SL / min)



Variation of output with flow rate (Temperature 20°C)

## Ergonomic integrated breathing circuit

### Technology innovation:

- A closed and semi-closed circuit, natural latex free to avoid allergic reaction. Fully 134°C autoclavable to avoid cross infection, especially for respiratory disease operation.
- Embed design, flow sensor with variable orifice, suitable for different application from child to adult.
- Efficient, integrated heating system, optimized airway design and water trap design to ensure the air flue without being affected by condensation. Also ensure the accuracy of operation for long term.
- Bypass design, replacement for absorber canister fast and convenient, alarm functions remind the doctor always and let the operation more safe and reliable.

### Humanized design:

- Circuit heating system controls the temperature at 35°C (±2°C) to avoid condensate water effect on the flow sensor lifetime and accuracy; also make the patient feel more comfortable.
- Bypass design enable fast and convenient replacement of CO<sub>2</sub> canister without stopping operation. Special designed chamber assembly monitoring to avoid isoperation.
- Easy for installing cleaning disinfecting and maintaining without any tools and training.

## Ventilation

- The large color LCD screen displays all ventilator's setting data, measurement information, loops and numeric/graphic trends. Standard Active Exhalation Valve, Electronic flowmeter.
- Sufficient modes of Ventilation, Volume Control, Pressure Control. SIMV (Volume and Pressure), CPAP / PSV and manual.
- With Tidal volume 20ml which could apply adults and infant.
- Optional Auxiliary oxygen flowmeter and famous brand SPO<sub>2</sub>, ETCO<sub>2</sub> provide more monitoring reference for doctor.



PRVC



PSV



PCV

## Features

- Suitable for Neonatal, Pediatric and adults
- Tidal volume setting 20~1500ml
- Friendly user interface
- 12" TFT LCD color screen with touch screen
- Knob and hard key input

- Sufficient modes of Ventilation: VCV, PCV, SIMV-VC, SIMV-PC, PSV, Backup, Manual
- Gas supply: O<sub>2</sub>, N<sub>2</sub>O, Air
- Optional: PRVC, SIMV-PRVC, O<sub>2</sub>, SpO<sub>2</sub>, ETCO<sub>2</sub>, AGSS, Suction
- Electronic Flowmeter more accurate and stable, Auxiliary flowmeter,

- Gas system, Hypoxic guard system, ORC, O<sub>2</sub> flush
- Vaporizer mount: selectatec bar support 2 vaporizers
- ACGO, 2 Yokes (O<sub>2</sub>, N<sub>2</sub>O)

## Good integration:

- Built-in active expiratory PEEP valve
- Built-in battery
- Lung mechanics parameters and loop (P-V, V-F)
- Integrated absorber system, with heated function, bypass design, easy assembly, less leaks Autoclavable