

# ADS II™

ANESTHESIA  
DELIVERY SYSTEM



# Advancing care is...

## OUR VISION

The Infinium ADS II anesthesia systems offer pure simplicity in patient ventilation and anesthetic delivery.

### The ADSII features:

- Highly accurate tidal volumes
- 10.4 inch TFT LCD screen displaying up to 3 waveforms
- Electronic Flowmeters (Air, N2O, O2)
- Heated Absorber with Bypass
- Ventilation modes of VCV, PCV, SIMV+VCV+PS, SIMV+PCV+PS, SPONT/CPAP
- Highly mobile space saving design with retractable writing table
- 2 hour battery backup
- Optional AGSS
- Electronic PEEP
- Vital signs, EtCo2, and agent monitoring options
- Connectivity options
- Absorber bypass to change soda lime during surgery



# Modern And Ergonomic Design WITH EXTREMELY SIMPLIFIED USER INTERFACE.



## Integrated Ventilator

With 10.4 Inch Color Screen

The **ADSII** offers an integrated ventilator with 10.4 inch color screen. Ventilation modes of VCV, PCV, SIMV+VCV+PSV, SIMV+PCV+PS, Manual and Standby are standard. On screen monitoring of C, R, VTE, VTI, MV, MVspn, f, fspn, I:E, Ppeak, Pmean, Pplat, Pmini are also standard.

The **ADSII** features simplified gas delivery with digital O<sub>2</sub>, N<sub>2</sub>O and AIR flowmeters. All ventilation and gas delivery controls are located within 10 cm from one and other to allow for an extremely simplified user interface.



## Absorber System

1.5 Liter Capacity With Integrated Bellows

The **ADSII** features a 1.5 liter capacity absorber system with integrated bellows, APL valve and bag/ventilator selection switch. The cartridge type absorber can be easily swapped during surgery for extended procedures.

## Anesthesia Ventilator

Ventilation Mode	VCV, PCV, SIMV+VCV+PSV, SIMV+PCV+PSV, Manual, Standby
Tidal Volume	(VT) 20-1500 mL
Frequency	(f) 1-60 bpm
I:E	3:1-1:6 (Increment: 0.5)
Ti	0.1-10 s (Increment: 0.1 s)
Inspiratory Pause	(Tp) OFF, 5%-50%
E-PEEP	Integrated electronic PEEP OFF, 4-30 cmH2O
Flow Trigger	(FTRIG) 1-15 L/min
Pressure Control	5-70 cmH2O
Pressure Support	5-60 cmH2O
Pressure Limit	PEEP+5-PEEP+70 cmH2O
Monitors	C, R, VTE, VTI, MV, MVspn, f, fspn, I:E, Ppeak, Pmean, Pplat, Pmini

## Pneumatics

Gas Supply	Pipeline: O2, N2O and Air; Yoke: 1x O2; 1x N2O;
Pressure Gauge	Mechanical
Flowmeter	Electronic for O2, N2O and Air; O2 and N2O linkage and N2O cutoff function
Bellows Volume	Adult: 0-1500 mL, pediatric (optional), 0-300 mL
APL	Valve 2-70 cmH2O
CO2 Absorber	Volume: 1.5 L (1.35 Kg)
By-Pass	Automatic; change soda lime during surgery.
Bag/Vent Switch	Switch for manual ventilation and mechanical ventilation

## Monitoring

Omni III	NIBP, SPO2, ECG, Temp, IBP, CO, Etco2, Anesthetic agent (optional)
Waveform	P-T, F-T, V-T, SpO2-T (optional), CO2-T (optional)
Loop	V-P, F-V, F-P (optional)

## Alarm Setting

VT, MV, f, FiO2, Airway pressure, High continuous airway pressure, Negative pressure, Apnea, O2, Supply failure, Mains failure, Battery low capacity, Battery exhausted

## Alarm Mute

< 120s

## Vaporizer

2 stations selectatec mount

## Physical

Screen	10.4 inch TFT screen (optional touch screen)
Dimension	1570 850 740 mm3 (H W D)
Net Weight	86 Kg (Kg only framework)
Power	100 to 240 VAC, 50/60 Hz, 10A (Max.)
Lithium Battery	120 minutes
Communication	VGA, RS232, RJ45, HL7 (with Omni III patient monitor)