



# ADS II

## ANESTHESIA DELIVERY SYSTEM



### Anesthesia Delivery System:

- Space Saving Compact design
- Sturdy yet lightweight construction for easy mobility
- Large Writing Table
- 2 large storage drawers
- Spacious monitoring shelf
- Dual flow meters (2xN2O, 2xO2, 1xAir)
- Strong Back bar for fitting of 2 vaporizers
- 2 Liter Autoclavable Absorber

### Ventilator:

- Adult to neonatal settings
- Respiratory modes:  
*IPPV, PCV, SIMV, MANUAL*
- Compliance Compensation
- I:E Ratio
- Manual PEEP
- 10.4 inch high resolution color screen
- Easy to use operating system
- 2 hour battery backup
- Comprehensive alarms



Advanced, Affordable Medical Technology For The World

# ADS II - ANESTHESIA DELIVERY SYSTEM TECHNICAL SPECIFICATIONS

## Working Conditions:

Gas Supply O2, N2O, AIR  
 Rated Pressure 0.4 MPa-1MPa  
 Power AC110V-220V 50Hz-60HZ

## Gas Delivery (5 tube 2xO2, 2xN2O, 1 AIR)

O2 0.1 LPM-10LPM  
 N2O 0.1 LPM-10LPM  
 AIR 0.1 LPM-10LPM

## N2O/O2 hypoxic guard leaving O2 concentration >25%

## Oxygen Flush 35LPM-75LPM

## Vaporizer concentration 0.2%-5%

## Low Oxygen alarm with N2O cutoff

## Operating Conditions:

Ambient Temperature 15C-35C  
 Relative Humidity <80%  
 Atmospheric Pressure 960hPa-1040hPa

## Storage:

Ambient Temperature -10C-40C  
 Relative Humidity <90%  
 Atmospheric Pressure 860hPa-1060hPa

## Integrated Ventilator:

Screen Color 10.4 color TFT  
 Frequency adult 4-30 BPM  
 child 20-60 BPM

## Integrated Ventilator (continue):

Frequency (SIMV, SIPPV) 4-12 BPM  
 I:E Ratio 2:1-1:5  
 PEEP OFF 0.1-2kPa  
 Tidal volume adult 0.2-1.2 L  
 child 0.0200.30 L  
 Max minute volume >18 LPM  
 PCV pressure OFF 0.5-6 kPa  
 Insp. Flow adult 10-50 LPM  
 child 3-30 LPM  
 Insp. plateau OFF 5-50% w/5% increments  
 Insp. trigger pressure -2.0-2.0 kPa

## On screen monitoring of:

Tidal Volume (Vt), Frequency (Freq), Minute Volume (MV), Gas Pressure (Peak), O2 concentration.

## Comprehensive alarms for:

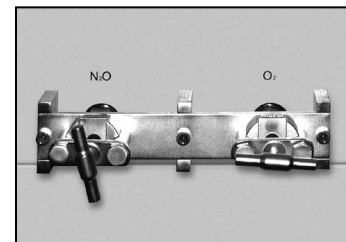
Tidal Volume (no volume, upper limit, lower limit)  
 Airway Peak Pressure (upper limit and lower limit)  
 Oxygen Concentration (upper limit lower limit)  
 Low O2 supply with automatic N2O cut-off  
 Power failure  
 Low battery



**Gas System**  
(Driving Gas, Air, N2O & O2)



**Electrical Outlets**



**Tank Valves**  
(N2O & O2)



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