

# Anaesthesia Machine Diamond Deluxe Model No: (APAM 151)



## Anaesthesia Machine Diamond Deluxe Supplied by Anesthesia Products India

### Specs:-

Anesthesia Machine, designed with state-of-the-art technologies, is one of high utility with excellent performance and complete functions. Main body is made of High-strength engineering plastic rack, light, beautiful and corrosion resistant

It can be applied on both Adult & Child

Gas source O<sub>2</sub>: 0.28~0.6MPa N<sub>2</sub>O: 0.28~0.6MPa

Flow meter O<sub>2</sub>: 0.05~10L/min N<sub>2</sub>O: 0.05~10L/min

O<sub>2</sub>, N<sub>2</sub>O linkage and N<sub>2</sub>O Stopper

When using nitrous oxide, oxygen concentration > 25%;

When the oxygen pressure < 0.2MPa, the flow of nitrous oxide would be cut off.

Flow rate of rapid oxygen supply 25~75L/min

Vaporizer Among Halothane, Enflurane, Isoflurane and Sevoflurane, any one can be chosen for application as required by the customer. The high-precision Vaporizer is designed with a stable concentration output, automatic compensation for pressure, temperature and flow rate.

Low oxygen pressure alarm : There will be sound alarm when the oxygen pressure < 0.2MPa

Vaporizer has the function of automatic compensation based on pressure, temperature, and flow rate. The regulation range of evaporator concentration is 0~5 vol%.



Low oxygen pressure alarm    There will be sound alarm when the oxygen pressure  $< 0.2\text{Mpa}$   
Respiratory circuit has working mode: all-close, semi-close, semi-open  $\text{APL} \leq 12.5\text{kpa}$   
Respiratory bellows is supplied for adults and children  
Tidal volume range:  $0 \sim 1500\text{ ml}$  The Ventilator adopts microcomputer control with high-definition  
5.7" LCD display, integrating the functions of respiratory control and displaying the monitoring  
parameters. It is versatile in function and excellent in performance. Ventilation mode  
IPPV, SIPPV, SIMV, MANUAL Ventilation function       PEEP, SIGH, IRV  
Ventilation parameters Tidal volume     $50 \sim 1500\text{ml}$   
Rate        $2 \sim 99\text{bmp}$   
SIMV rate     $2 \sim 20\text{bpm}$   
I:E     $2:1 \sim 1:8$   
Inspiratory trigger pressure-  $10 \sim 20\text{ cmH}_2\text{O}$   
PEEP     $2 \sim 20\text{ cmH}_2\text{O}$   
Pressure limitation  $10 \sim 60\text{cmH}_2\text{O}$   
SIGH    1.5 times the inspiratory time  
Parameters for ventilation monitoring tidal volume, minute ventilation volume, IPPV rate, SIMV  
rate, total respiratory rate, I/E, peak pressure of airway, pressure - time waveform, flow rate - time  
waveform, PEEP, inspiratory trigger pressure, (average pressure, oxygen concentration, battery  
capacity) Security Alarm System  
Oxygen concentration alarm    upper limit setting range ( $21\% \sim 99\%$ ) , Low limit setting range  
( $18\% \sim 80\%$ ) Airway pressure alarm upper limit setting range  $5 \sim 60\text{ cm H}_2\text{O}$ , Low limit setting  
range  $0 \sim 50\text{ cmH}_2\text{O}$  Minute ventilation volume alarm upper limit setting range  $1 \sim 20\text{ L/min}$ ,  
Low limit setting range  $0 \sim 19\text{L/min}$  Tidal volume upper limit setting range  $100 \sim 1500\text{ml}$ , Low  
limit setting range  $0 \sim 1400\text{ml}$  Sustained high-pressure alarm it will give alarm when stress have  
consistently been higher than  $2.5\text{cm H}_2\text{O}$   
(Suffocation alarm, Power alarm, Intubation off alarm, battery voltage alarm)  
Power AC 220V 50Hz  
We are Exporters and Suppliers of Anaesthesia Machine Diamond Deluxe at competitive prices  
from India.

## MODEL NO.

**APAM 151** Anaesthesia Machine Diamond Deluxe