



AVIA 1000

Neonatal Ventilator



AVI Healthcare offers innovative range of ventilatory support to pediatric and infant patients in ICU

Choice of Configuration

AVIA 1000 is available with or without the attached Air/O₂ Blender. Blender allows user to set the Oxygen Concentration between 21 to 100%.

Standard model has inbuilt air and oxygen flowmeter and flow levels can be set on colour tft display

Range of Modes and Alarms

Using the colour touch screen display, User can set the appropriate pressure limited ventilator mode: Assist Control, SIMV, CPAP or CMV.

Available settable parameters include PIP, PEEP, Air Flow, O₂ Flow, Trigger Level, Apnea, Alarms

Ideal Ventilator for Primary NICU Care

This ventilator has been developed as a basic ventilator for the needs of Primary Nursery

SUPERIOR

AFFORDABLE

PORTABLE

SAFE



Time cycled Pressure limited Neonatal Ventilator

Operating Modes

It has following operating modes:
CPAP, CMV, AC, SIMV

Controls

- Respiratory rate - Adjustable in the range 3 - 300 cycles/min
- Inspiratory Flow: 0.2 to 2.0 secs
- Expiratory Flow: 0.2 to 20 secs
- PIP - 0 to 80 cmH2O
- PEEP - 0 to 20 cmH2O
- Air Flow - 0 to 20 lpm
- Oxygen Flow - 0 to 20 lpm
- FiO2 - 21% - 100%
- Trigger Mechanism - Pressure (-3 to 17 cmH2O)



Monitored Parameters:

Mode, PIP, PEEP, MIP, MAP, Insp. Time, Exp. Time, Rate, Trigger level, SIMV Ratio
I/E Ratio, Apnea Time, Pressure Trigger

Display:

Color Touch Screen TFT Display with pressure time curves and easy to use interface