



ALNNOVENT
AVB-100

Every Breath Counts

AUTHORIZED PARTNER

**FOR THE SALES & MARKETING OF
VENTILATORS & GE ULTRASOUND
MACHINES**

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VENTILATOR

THE ALNNOVENT AVB-100

Every Breath Counts

Because your life matters to us, our innovative products are designed to save lives and help people breathe better.

Approved by DRAP, Ministry of Health & Sciences



INTRODUCTORY PRICE

Rs 3,900,000 /-

**For limited period only*

SILENT FEATURES

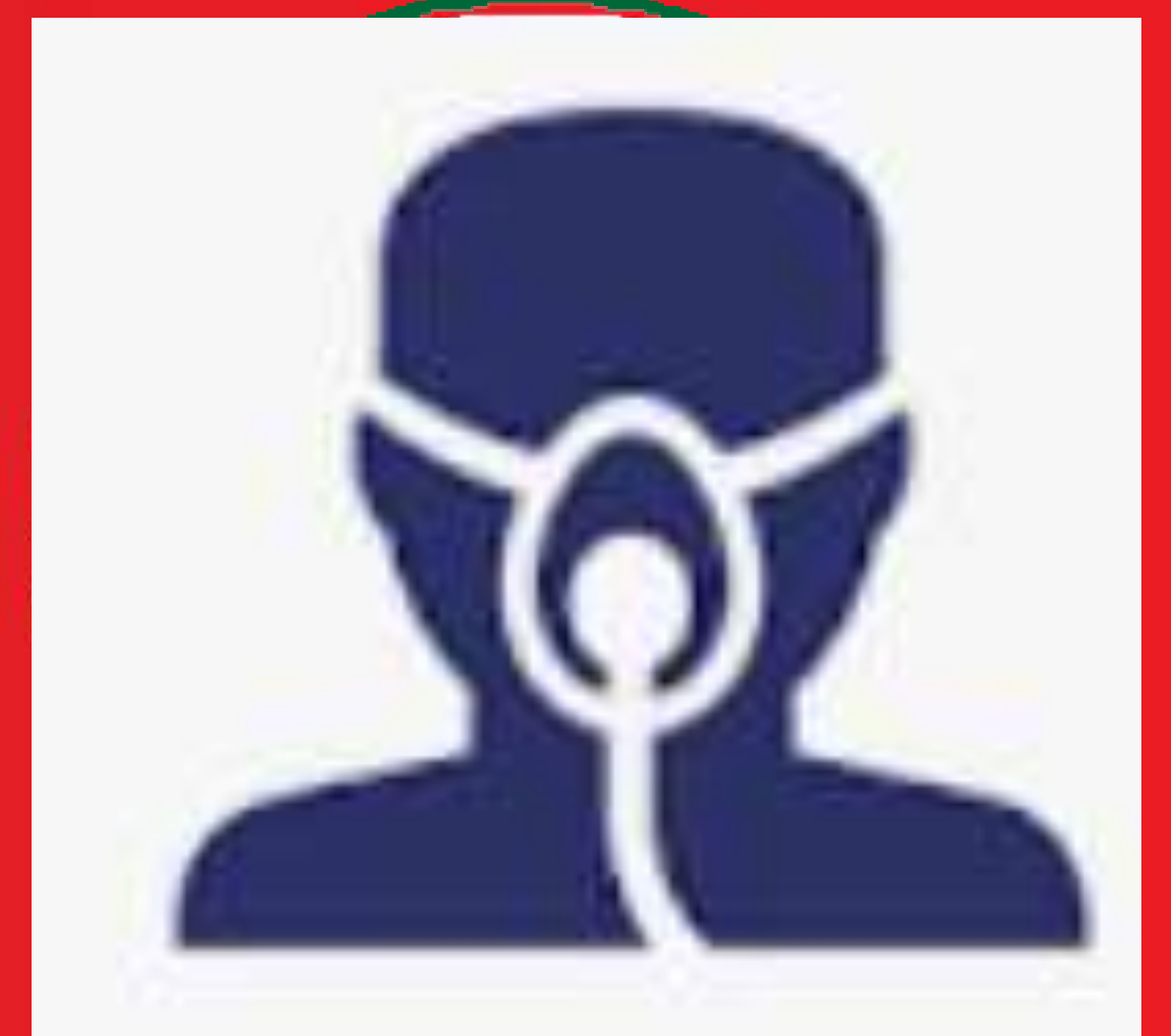
- 100% Parts availability within 48 hours
- Nationwide after-sales service within 24 hours
- Introductory Price around **40% OFF** (vs imported competitive products)
- Approved by DRAP and Ministry of Science & Tech
- Practically / live Tested & approved by several prestigious Hospitals.
- **Range of Ventilation** : Seven Range of Ventilation Modes including invasive & non-invasive
- **Accuracy**: The AVB-100 measures flow, Volume, and pressure accurately
- **User Friendly**: The AVB-100 is a user friendly system, which allows its user to access its settings using a touch system and a rotary encoder knob.
- **Waveforms Display**: Three parameters, including pressure, flow, and volume are also displayed as waveforms.
- **Touchscreen LCD**: 10" Touchscreen LCD display.
- **Humidifier Option**: Optional feature of Humidifier, any humidification device with a flow capacity of up to 120 L/min

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ELECTRO-MECHANICAL VENTILATOR

Introducing the Electro-Mechanical ICU Ventilator.

Your Lifesaving Solution for Modern ICUs with a total of seven versatile modes of operation, including five invasive and two non-invasive options.

Proudly designed, developed, and manufactured, AlnoVent AVB-100 offers a comprehensive range of monitoring parameters and modes at an incredibly competitive cost, full after-sales service and parts.

Trust us to deliver top-notch critical care support for your patients.

The AlnoVent AVB-100 is designed for adult patients weighing between 30 kg and 300 kg.

Mode Name	Description
PC-CMV+	Pressure Control-Continuous Mandatory Ventilation describes a mode of providing a maintained inspiratory pressure.
PC-SIMV	Pressure Control-Synchronized Intermittent Mandatory Ventilation describes a method of providing mechanical breaths to a patient.
VC-CMV+	Volume Control-Continuous Mandatory Ventilation defines the volume administered to the patient (tidal volume V_t as the control variable)
VC-SIMV	Volume Control-Synchronized Intermittent Mandatory Ventilation is a type of volume control mode of ventilation. With this mode, the ventilator will deliver a mandatory (set) number of breaths with a set volume while at the same time allowing spontaneous breaths.
SPN-CPAP/PS	Spontaneous Continuous Positive Airway Pressure/Pressure Support ventilation is any mode of mechanical ventilation where every breath is spontaneous (i.e., patient triggered and patient cycled)
CPAP+	Continuous Positive Airway Pressure Therapy (CPAP) uses a machine to help a person who has Obstructive Sleep Apnea (OSA) breathe more easily during sleep.
BIPAP+	Bi-level Positive Airway Pressure (BiPAP+) is probably the most common mode of non-invasive positive pressure ventilation and requires provisions for Inspiratory Positive Airway Pressure (IPAP) and Expiratory Positive Airway Pressure (EPAP)



ELECTRO-MECHANICAL VENTILATOR

Features



Range of Ventilation

Range of Ventilation Modes including invasive & non-invasive



Auto Lock

It has an auto-lock screen feature



Accuracy

The AVB-100 measures flow, volume, and pressure accurately



User Friendly

The AVB-100 is a user-friendly system, which allows its user to access its settings using a touch system and a rotary encoder knob



Waveforms Display

Three parameters, including pressure, flow, and volume are also displayed as waveforms



Touchscreen LCD

10" Touchscreen LCD display



Humidifier Option

Optional feature of Humidifier: Any humidification device with a flow capacity of up to 120 L/min



Trolley

The trolley has an additional feature, it can accommodate a compressor and two gas cylinders. The AVB-100 can ventilate patients during intra-facility transport as well



TECHNICAL SPECIFICATIONS

Ventilation Modes (Invasive/Non Invasive)

PC-CMV+, VC-CMV+, PC-SIMV, VC-SIMV, SPN-CPAP/PS, CPAP+, BIPAP+

Positive Pressure Range

10 - 60 cmH2O

Tidal Volume

200 - 1200 ml

Peak Inspiratory Flow Rate

10 - 120 l/min

Respiratory Rate

8 - 35 b/min

Positive End Expiratory Pressure (PEEP)

0 - 20 cmH2O

Pressure Support

5 - 40 cmH2O

I/E Ratio

Trigger Flow | Pressure

0.5 - 20 l/min | 0.5 - 20 cmH2O

FiO2

21-100%

Apnea Time

5 - 30 sec

Alarm (High Priority)

Patients over/ under pressure, High/Low minute volume, High/Low tidal volume, Disconnection, High/low oxygen level, Air supply, oxygen supply, low peep, tank sensor faulty, cooling fan failure, pressure sensor faulty, flow sensor faulty, low battery, oxygen electronic card faulty, high/low SPONT tidal volumerate, Low FIO2, High PEEP, Low PEEP

Alarm (Medium Priority)

High RR, I/E value range, High/ low oxygen level, slope value out of range, vent on battery, barometer sensor faulty

Alarm (Low Priority)

Apnea backup activated, No O2 cell in used, main power loss, air supply sensor faulty, O2 sensorfaulty, apnea ventilation ended

Approved by



MDMR-000411





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