



## LOWENSTEIN PRISMAVENT 50



### Forerunners in the new generation of ventilators

**LOWENSTEIN PRISMATIC 50 ventilator provides high flow oxygen therapy which has proven to be very effective for CORONA patients needing ventilatory support.**

#### **Special features include**

- This device was designed to provide ventilatory support for patients with ventilatory insufficiency
- Useful in CORONA PATIENTS : COPD PATIENTS: Neurological, muscular and neuromuscular disorders, sleep apnoea patients, Hypoxaemia Respiratory Insufficiency and Obesity Hypoventilation Syndrome (OHS)
- High Flow oxygen mode pumps the set flow rate via a humidifier to the patient, thus conditioning the respiratory gas in terms of temperature and humidity.
- **LIAM (Lung Insufflation Assist Manoeuvre)** offering cough support which can be activated by Dr or patient.
- **SOFT START function** gives the patient time to get used to the vent as pressures rise gradually
- May be used in both stationary and mobile applications
- Suitable for both Clinical and home environments for long term ventilation.
- Recommended for patients over 10 KG
- Delivers both invasive and non-invasive ventilation
- A blower takes in ambient air and delivers it to the patient via the breathing tube, this is controlled by flow and pressure sensors
- VT 100ml to 2000 ml
- Trigger support
- CO<sub>2</sub> is continually flushed out via the patient valve
- Mains and battery-operated- Rechargeable Li-Ion battery gives 12 hours backup
- Operating modes – **ON: STANDBY** – blower off but immediately operational: **OFF**
- Alarm volume and screen brightness can be set
- Tube test function checks for resistance, compliance and leaks to ensure accuracy.
- Optional SPO<sub>2</sub> monitoring
- Alarm monitoring includes apnoea: MV: VT: Pressures: Frequency: SPO<sub>2</sub>: ARP: Rebreathing:
- Weight 2.5 KG without the trolley
- Carry bag available