

FMT-700

TURBINE BASED VENTILATOR

World's
Most
ECONOMICAL
TURBINE BASED
VENTILATOR



Invasive
Non-Invasive
with
HFNC MODE
FOR
ADULTS
AND
PAEDIATRIC

You are always
INFORMED
IN CONTROL
and
ABLE
to react.

FMT 700 Turbine driven state of the art ventilator, designed to be a complete ICU ventilator.

Compact in size, Economical in price and Easy to learn.

It provides Invasive and Non-Invasive ventilation for adults and paediatric

The innovative expiration valve disassembling concept brings more ease for the sterilization process. FMT-700 is configured with High Flow therapy. VACV, PACV, VSIMV, PSIMV, BIPAP and CPAP.

FEATURES

■ THERAPY TYPES

- Invasive ventilation
- Non-invasive ventilation (NIV)
- O₂ therapy(HFT)

■ SPONTANEOUS BREATHING SUPPORTS

- HFT 21%to100%Oxygen

■ ADDITIONAL SETTINGS FOR VENTILATION

- Body Weight
- Apnea Backup Ventilation with Auto Shift
- Trigger settings
- High pressure limit(H)
- Low pressure limit(L)
- Tube compensation (ATC)
- Electronic PEEP
- Pressure support (PS)
- Electronic Oxygen Blending
- Patient Airway Pressure

KEY FEATURES

DISPLAY OPTIONS ON SCREEN

- ▶ Waveform
- ▶ Patient predicted Body weight
- ▶ List of all set parameters
- ▶ List of all monitored parameter
- ▶ Last alarm (on reset button)
- ▶ Alarms (automatic pop up messages with information)
- ▶ 3d Indicators for ventilation status

ADDITIONAL FUNCTIONS

- ▶ Electronic peep
- ▶ Electronic blending
- ▶ Ventilator status indicator (Yellow, Red, Green, White)
- ▶ Detachable and autoclavable expiratory valve
- ▶ Fio2 Sensor

VARIOUS ALARM OPTIONS

- ▶ Patient Airway Pressure (High /Low)
- ▶ TIDAL Volume (VT) (High /Low)
- ▶ Oxygen Failure
- ▶ Patient Disconnection
- ▶ Low Battery
- ▶ AC Power Failure Alarm
- ▶ Sensor Failure
- ▶ Calibration Failure
- ▶ Self Diagnose Failure

POWER SUPPLY

- ▶ Mains power 200-240 AC, 50HZ
- ▶ Internal battery with upto 12hrs long backup.
- ▶ External battery also serves during patient transport.
- ▶ Power indicators for Battery or mains usage or low battery.

GAS SUPPLY

- ▶ An internal turbine system supplies ventilator with ambient air.

O2 SUPPLY

- ▶ High Pressure Oxygen (HPO) from the central gas supply system or from compressed gas cylinders
- ▶ Low Flow Oxygen (LFO) from an external low-pressure oxygen source.
- ▶ O2 concentrator
- ▶ Easy QRC fitting for Oxygen connection
- ▶ O2 Indicators for Oxygen failure and availability

TECHNICAL SPECIFICATIONS



* AVAILABLE I.V MODE	:	VACV, VSIMV+PSV, PSIMV+PSV, PACV,CPAP.
* AVAILABLE N.I.V MODE	:	CPAP, BIPAP, HFT
* PEEP	:	0 TO 30cm H2O (ELECTRONIC)
* PRESSURE SUPPORT	:	0 TO 50cm H2O
* RESPIRATORY RATE	:	1 TO 60 BPM
* INSPIRATORY PRESSURE	:	5 TO 60cm H2O High pressure limit Low pressure limit
* TIDAL VOLUME	:	40 TO 2000 ml
* INSPIRATORY TIME	:	0.1 TO 9.9 sec.
* I : E RATIO	:	1:9.9 -2.5:1
* TRIGGER	:	PRESSURE (0 TO -20cm H2O)
* FIO2	:	21% TO 100%
* DIMENSIONS (W*D*H)	:	30cm*26cm*13cm
* EN SENCE	:	50% to 100%

**A true life saver
in the battle of
Intensive Care**



ALL THE DESIRED MODES IN ONE SINGLE VENTILATOR SYSTEM

VCV VCV provides volume with a minimal pressure. This mode is time cycled, based on respiratory rate (RR) and Inspiration time (P_{Insp}). Patient receives set tidal volume and respiratory rate remains maintained always.
Volume Controlled Ventilation

PCV In PCV user defined plateau pressure applied by the turbine and also Peak pressure is set by user. This mode is time cycled based on respiratory rate. The patient is not allowed to have spontaneous breath in this Mode.
Pressure Controlled Ventilation

ACV In ACV user defined tidal volume delivered with user defined pressure, based on lung compliance. This pressure always stays below the peak inspiratory pressure. Patient triggered and volume cycled breaths, set volume irrespective of the trigger. Maintained Backup respiratory rate.
Assist Controlled Ventilation

VC-SIMV+PSV Patient triggered breath synchronised with breathing pattern. Tidal Volume being delivered in Patients controls Peak inspiratory pressure cycle. When the patient fails to trigger the breath, a set volume is delivered to the patient with minimum pressure required to achieve that volume based on the lung compliance.
Volume Controlled Synchronised Intermittent Mandatory Ventilation With Pressure Support

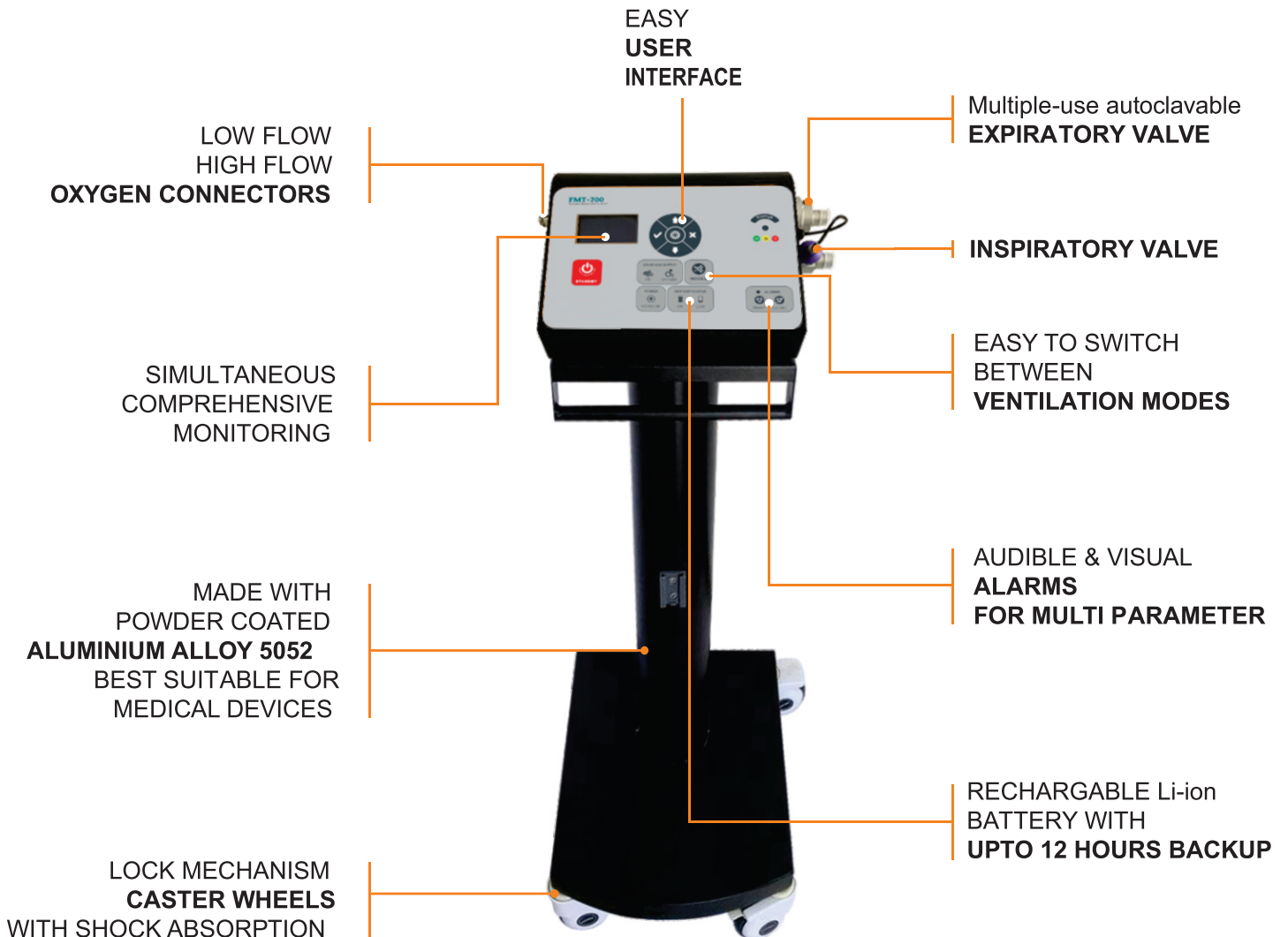
CPAP+PEEP/PSV Pressure supported invasive/non-invasive ventilation. Deliveres Flow dependent on the set driving pressure, airway resistance, lung compliance, and inspiratory effort. Deliveres Tidal volume dependent on the flow and duration of the inspiratory phase. PSV mode include driving pressure, positive end-expiratory pressure (PEEP), and the fraction of inspired oxygen (FiO₂). Minute ventilation (L/min) is dependent on the patient's respiratory rate, and the tidal volume delivered with each breath.
Pressure Supported Continous Positive Airway and end-expiratory pressure

BiPAP Delivers controlled ventilation in a system allowing unrestricted spontaneous breathing. It can be described as a CPAP system with a time-cycled change of the applied CPAP level. Pressure controlled, time-cycled mode, the duration and the corresponding pressure levels can be adjusted independently.
Biphasic Positive Airway Pressure

HFNC This oxygen therapy delivers a high flow of heated and humidified gas. HFNC is simpler in using and applying than non-invasive ventilation (NIV) and appears as a great alternative for hypoxemic acute respiratory failure (ARF). With turbine driven ventilator FMT-700 clinicians don't need separate machine for HFNC therapy.
High-Flow Nasal Cannula

FMT-700

TURBINE BASED VENTILATOR



SAFE & COMPACT DESIGN

WITH 7 KG WEIGHT ONLY

(EXCLUDING BASE & TROLLEY)

WHY FMT -700 ?

Advanced features and smart design makes FMT-700 a perfect choice for ICU. A turbine driven Wide range of comprehensive ventilation modes, as well as a high-performance ventilator throughout hospital and transport. The innovative expiration valve disassembling concept brings more ease and efficiency for the sterilization process. FMT-700 is configured with in-built nebulizer, O2 therapy. Spontaneous and useful controlling parameters for each ventilation mode. ventilator provides invasive and non-invasive ventilation and suitable for adults and pediatric.



Fast to learn Easy to use

Its Intuitive user interface keeps users in control all the time. It is extremely easy to use even for non-trained users.



Easy to Install

Simplified setup provides ease of installation, thanks to its smart design. FMT-700's successful setup completes in 3 easy steps.



Precision

Healthcare industry has a very little margin for errors. And at Foremost we don't leaves 0% margin for error. FMT-700 provides the state of the art ventilation with 100% precesion.



Certified Medical Ventilator

An ISO 13485 - 2016 Certified Medical device.



2 Years Warranty

FMT-700 ICU ventilator comes with the Industry leading 2 years replacement warranty against any manufacturing default.



Smart Alarms System

FMT-700 ventilator's smart alarm management system provides effective audible and visual alerts. Clinician's remain updated and aware of their patient status at all times.

Invasive/Non-Invasive Ventilation

HFNC Mode

Inbuilt HFNC therapy ventilation mode, saves Clinician's time and money. With FMT-700 you don't need separate machine for HFNC ventilation.



24x7 Helpline

Rakesh Beniwal - Sales Head
M.: 9588788178



Fastest Delivery Goal

After receiving a successful order Foremost dispatch that product within 15 working days. It can vary in case of any customised requirement.



Long Battery Backup

Upto 10- 12 hours of long battery backup makes FMT-700 a real life saver for patients during transport and emergencies.

Aluminum Made

FMT-700's whole body is made with Aluminum Alloy 5052. Alloy 5052 is the best suitable aluminum alloy for medical devices.

FMT-700

TURBINE BASED VENTILATOR

COLORS AVAILABLE

1. BLACK BODY WITH ORANGE CONTROL PANEL.
2. WHITE BODY WITH ORANGE CONTROL PANEL.
3. BLACK BODY WITH GREY CONTROL PANEL.
4. WHITE BODY WITH GREY CONTROL PANEL.

OTHER PRODUCT'S

1. ANESTHESIA WORK STATION.
2. TRANSPORT VENTILATOR.
3. ICU VENTILATOR.
4. ANESTHESIA VENTILATOR.
5. BIPAP / CPAP.



Available at:

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