

World's
Most
ECONOMICAL
TURBINE BASED
VENTILATOR



Invasive
Non-Invasive
With
HFNC MODE
FOR
ADULTS, PEDIATRICS
& NEONATAL



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, paediatric, Neonatal

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% to 100% 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

DISPLAYS OPTIONS ON SCREEN

- ▶ Waveforms
- ▶ 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)
- ▶ Detachable and autoclavable expiratory valve
- ▶ Fio2 Sensor

VARIOUS ALARMS 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

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 Pressure Oxygen (LPO) from an external low-pressure oxygen source.
- ▶ O2 concentrator
- ▶ Easy QRC fitting for Oxygen connection O2 Indicators for Oxygen failure and availability

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.

TECHNICAL SPECIFICATIONS



* AVAILABLE I.V MODE	:	VACV, VSIMV, PSIMV, 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	:	5 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

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



FMT-700

TURBINE BASED VENTILATOR

ALL THE DESIRED MODES IN ONE SINGLE VENTILATOR SYSTEM

VCV

Volume Controlled
Ventilation

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.

PCV

Pressure Controlled
Ventilation

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.

ACV

Assist Controlled
Ventilation

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.

VC-SIMV+PSV

Volume Controlled Synchronised
Intermittent Mandatory Ventilation
With Pressure Support

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.

CPAP+PEEP/PSV

Pressure Supported Continous
Positive Airway and
end-expiratory pressure

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.

BiPAP

Biphasic
Positive Airway Pressure

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.

HFNC

High-Flow Nasal Cannula

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.

FMT-700

TURBINE BASED VENTILATOR



SAFE & COMPACT DESIGN

WITH 8 KG WEIGHT ONLY

(INCLUDING 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 leave 0% margin for error. FMT-700 provides the state of the art ventilation with 100% precision.



Certified Medical Ventilator

An ISO 13485 and CE 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



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.

Address :-

Foremost Meditech , Street No - 1
Plot No 19/ 1 Basai Industrial Area Phase 1
Sector - 9 Gurgaon (122001) Haryana
Ph.-70651-17771,70651-17773



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.

Address :-



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