



MDX delivers LifePro 8 ICU treatment ventilator, very stable performance, safe and reliable, Can be widely used in emergency, ICU room, operation room and internal medicine etc.

Features

12.1 inch TFT color screen, big screen could show more information.

Screen could be rotated freely, suitable to operate in any angle and height

With heater device to prevent water into ventilator

Could show Paw-t、Flow-t、Volume-t、Paw-V、Flow-V five waveform at the same time,

also could show one or several waveform according to our operation.

Curve size ,time scale, pressure-flow ratio adjustable, watch the details more good.

Curve pause function, could watch details.

Flow, pressure two trigger function, could effect at a same time.

Automatically inspiratory synchronous nebulizing function, nebulizing time adjustable,

100% Oxygen inspiratory function, oxygen inspiratory time is adjustable.

High, medium, low- grade alarm function;

Alarm record functions, could record the last 100 pieces of information,

show alarm grade, alarm time and the alarm parameter.

Pressure, volume, time respiratory mode security, could inspect pressure in inspiratory phase,

volume, time exceed the regulated value, turn into expiratory, ensure patient safety.

Volume security function, keep the minimum tidal volume in pressure mode.

Adjust MMV function automatic, adjust inspiratory pressure and breathing frequency,

approaching the target tidal volume and minute ventilator.

VGA connector could output the screen signal to other screen

Corporate Office



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Specification

Operating Modes

Volume Control Ventilation (VCV)

Assisted/Controlled Pressure Control Ventilation (PCV),

Assisted/Controlled Pressure Support Ventilation (PSV),

SIMV(VCV)+PSV

SIMV(PCV)+PSV

Mandatory Minute Ventilation (MMV)

Continuous Positive Airway Pressure (CPAP)

Backup apnea ventilation

Parameter

Application scope: Pediatric and adult

Driven mode: pneumatically driven and electronically controlled

Display: 12.1 TFT screen

Working mode: Pressure and volume

Ventilation wave type: squire wave, deceleration wave

FiO2: 21% to 100%

PEEP/CPAP: 0 to 40 cmH2O

Inspiratory Sensitivity:

Flow triggered: 0.5 to 20 L/min, OFF

Pressure triggered: -1 to -20 cmH2O, OFF

Tidal Volume: 20 to 2000 mL

Breath frequency: 1 to 100 bpm

I:E Ratio: 5.0 : 1 to 1 : 5.0

Inspiratory plateau: 0 to 50%

Inspiratory Flow Wave Shape(VCV):

Rectangular wave and Decelerating wave

SIGH: 1.0 to 2.0

Breath frequency(SIMV): 2 to 40bpm

Inspiratory time (SIMV): 0.1 to 12 S

Pressure Support Ventilation (PSV): 0 to 40 cmH2O

Expiratory Sensitivity for PSV: 10% to 75% of the initial flow

Maximum Inspiratory time (PSV): 1.0 to 8.0 S

Pressure Control Ventilation(PCV): 0 to 40 cmH2O

Minimum Tidal Volume(PCV and PSV): 50 to 1500 mL

Backup Rate (PSV): 2 to 40 bpm

Object Tidal Volume(MMV): 20 to 2000 mL

Ventilation volume(MMV): 0.5 to 40.0 L/min

Nebulizer time: 30 minutes

Monitoring

Breathing wave: Pressure vs time curve, Flow vs time curve,

Volume vs time curve, Pressure vs volume loops.Flow vs volume loops

Expiratory tidal volume

Breath frequency(bpm)

PEEP, FiO2, MV

Insipiratory Tidal volume(TV_Insp):

I:E ratio:

Freq indepen:

MV Indepen:

Pmean

Pflat:,

Airway Pressure

Ppeak,

Minute Ventilation,

Oxygen concentration

Alarms

High tidal volume alarm

Low tidal volume alarm

High minute ventilation alarm

Low minute ventilation alarm High breathing frequency alarm

Low breathing frequency alarm

High peak pressure alarm

Low peak pressure alarm

High PEEP pressure alarm

Low PEEP pressure alarm High oxygen concentration alarm

Low oxygen concentration alarm

Apnea alarm

AC power fail alarm

Air source Low pressure alarm

Oxygen source low pressure alarm

Battery disconnect alarm

Low battery alarm

Circle leakage alarm

Circle block alarm

POWER REQUIREMENT

Main power: from 85 to 265VAC 47-63HZ

AC/DC switch automatically

Internal battery: 12VDC,7AH

Automatic recharge.

Estimated duration: more than 2 hours when completely charged.

The display shows an icon with the charge level.

PNEUMATIC REQUIREMENT

Oxygen: pressure 2.8 to 6 bar ISO5359 connector

Air: pressure 2.8 to 6 bar ISO 5359 connector

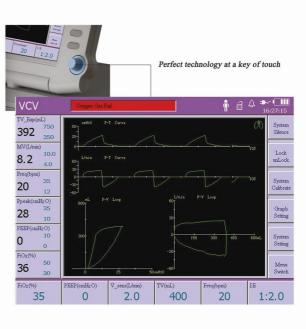
The main configuration include main unit, humidifier, trolley, nebulizer, pressure sample tube, hanged arm, power cable, corrugated pipeline, Buckle, test lung, water trap, bacteria filter, three way connector, small soft silicon pipeline, direct connector, mask, air&oxygen source pipeline, screw.etc.

The medical air compressor is optional.



Screen could be rotated freely, convenience for doctor to operate,





Air compressor BC100 (Optional)

Feature

Low noise medical air Compressor, very stable performance, safe and reliable,

Air Compressor with LCD screen to display output pressure, provide safe, secure and permanent motivation

Compact design and easy to transfer

Assembled with clean control module, supplying cleaner and safer air to the patients

Effective sound-absorbing materials

Match with various ventilator of international standard in the world

Specification

Output gas flow: ≥40L/min

Output gas pressure: 0.3-0.4Mpa, Adjustable

Output gas filter accuracy:0.03µm

Air compressor pump: 1 set

Efficient rate for particle filtration: 99%

Dew point of output gas: 0-10 , Dried output gas

Noise:52dB(A)

Power supply: 220V±15% ,50HZ or 110V±15%,60HZ

Power: 800W

Working Environment: Temperature 0-40°C

Humidity 90RH

