

PMV-3100C

Portable Medical Ventilator



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Technical Specifications

- **Physical Specifications**

Dimension: Width 300mm, Depth 160mm, Height 230mm, Weight 3Kg

Carrying Packages Dimension: Width 460mm, Depth 200mm, Height 400mm, Weight 7Kg

Packaging Dimension: Width 620mm, Depth 240mm, Height 410mm, Weight 11Kg

- **Storage/Shipping Requirements**

Temperature: -20 to 70°C

Relative Humidity less than 93%

The atmosphere pressure: 70 to 106 kPa

- **Operating Requirements**

Temperature: 5 to 40°C

Relative Humidity less than 80%

The atmosphere pressure: 70 to 106 kPa

- **Electrical Specifications**

Input Voltage Requirements: AC Voltage 110V~240V; DC Voltage 12V

Inlet Battery: 12V, 2Ah (Can be used for 8 hours)

Frequency: 50Hz/60Hz

Power: 2A

- **Pneumatic Specifications**

Pressurized Oxygen: 0.4MPa medical oxygen inlet or
use 2L oxygen cylinder (Choice of suppliers)

- **Performance Specifications**

Power: ON/OFF

Modes: CMV(IPPV), A/C(SIPPV), SIMV, SPONT, PEEP (Choice of suppliers)

Tidal Volume: 50~1200ml

Breath Rate: 5~60 bpm

PEEP: 0~2kPa

O₂ %: 45~90%

Sigh: 1~10 per 100 breath

Peep: 10-60hpa (Choice of suppliers)

Trigger Level: -10 ~ 0hpa

Over Pressure Relief: <6kpa

- **Alarms and Indicators**

High Pressure Alarm Limit: 2~6kpa flash, red indicator

Low Pressure Alarm Limit: 0. 2~2kpa Red indicator

Alarm Silence: 120sec

- **Standard Accessories**

Ventilator	1unit
Oxygen Cylinder	1pcs (2.5L can be used for 1 hour)
Breath Circuit	1pcs (1.2m)
Carrying Package	1pcs (all parts in it)
Breath Valve	1pcs
Mask	1pcs
Charger	1pcs
Battery	1pcs (can be used for 8 hours)
Wrench	1pcs
Oxygen Pressure Reducer	1pcs (for Normal Oxygen Cylinder)
Lung Simulators	1pcs
Hand Book	1pcs
CD For Operation	1pcs

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



Analytical
Foundation

1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at Info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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