



LEISTUNG



PR4D *Plus*

PEDIATRIC • ADULT



PR4D Plus

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The portable ventilator PR4D-Plus, controlled by microprocessor, is a device suitable for use in mobile units and emergency care. The display of the parameters occurs through an LCD display and its operation is easily done through a rotary switch (encoder).



TECHNICAL CHARACTERISTICS

Ventilatory Modes : Adult and Pediatric

- Volume Controlled Ventilation (VCV)
- Electronic Microprocessed

Technical Specifications

- FiO₂:
 - 50 up to 70% (through the Venturi System)
 - 21 up to 100% (through an External Blender)
- Inspiratory Time: 0.1 up to 10 sec.
- I:E Ratio: 1:99 up to 5:1 (Inverted)
- Ventilator Frequency: 1-150 R.P.M.
- Tidal Volume: 0 up to 2.50 L
- Inspiratory Pressure : 0 up to 100 cm H₂O
- PEEP/CPAP: 0 up to 20 cm H₂O (External Valve)
- Inspiratory Flow: 0 up to 60 lpm
- Flow Waveform : Square
- Internal Inspiratory Pressure Safety Valve set in 120 cm H₂O
- STAND BY to keep the programming without cycling
- Internally Embedded Pressure Regulating O₂ Inlet Valve

Output Parameters

- Airway Pressure (LED bar): 10 up to 100 cm H₂O
- Inspiratory Time: 0.1 - 10 seconds
- Inspired Tidal Volume: 0 up to 2.50 L
- Inspiratory Flow: 0 up to 90 lpm
- Frequency: 1 up to 150 R.P.M.

Alarms

- Maximum Airway Inspiratory Pressure
- Minimum Airway Inspiratory Pressure (Circuit Disconnection)
- Continuous Pressure Alarm
- Low Tidal Volume Alarm
- Low Gas Supply (Air-O₂)
- Power Failure
- Low Battery Charge
- Microprocessor

Power Supply

- External Font: 11.5 up to 15.0V dc (minimum 2.15A)
- Internal rechargeable battery with a minimum autonomy of 360 min.



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Operating Authorization ANVISA No.: GHL3983MX9H2

GMP Certificate



MADE IN BRAZIL



- Registry Number ANVISA 80203470011
- Type B - IPX1 - Continuous Operation
- Not suitable to be used in the presence of inflammable anesthetic with oxygen or nitrous oxide
- Complying with the standards:
 - NBR-IEC 60601-1, NBR-IEC 60601-1-2, NBR-IEC 60601-2-12