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PROGETTI PG VENT ventilator (New)

New,
Advanced anaesthetic ventilator,
18.3" TFT touch active colour matrix,
Change the ventilation type settings for adults, children and newborns,
Invasive ventilation modes: VCV, PVC, VSIMV, PSIMV, CPAP/PSV, PRVC, V + SIMV, BPAP, APRV, Apnea
Non-invasive ventilation modes: CPAP, PVC, PPS, S/T, VS.
Full control over the parameters set in each ventilation mode using the main screen,
Excellent performance of air and oxygen supply valves,
Advanced functions with optional CO2 and SpO2 monitoring,
Exhaust valves can be easily sterilised and cleaned,
Technical data:
Display:
Size of the display: 18.3" TFT touch active colour
Display Resolution: 1080 x 1980 pixels
Brightness: Adjustable
Dimensions and weight:
Dimensions: 327x 310x 493 mm
Dimensions with trolley included: 664x 600x1520 mm
Weight: approx. 12.0 kg, approx. 33.0 kg (with trolley)
Ventilation modes:
Patient type: Adult, Pediatrician, optional Neonate
Invasive ventilation modes: VCV, PVC, VSIMV, PSIMV, CPAP/PSV, PRVC, V + SIMV, BPAP, APRV, Apnea
Non-invasive ventilation modes: CPAP, PVC, PPS, S/T, VS.
Operating parameters:
Oxygen concentration FIO2: 21-100% (increases of 1%)
VT: Adult: 100-2000 ml (every 10 mL) /
Pediatric: 20-300 ml /
Optional/Neonate: 2ml (f:150bpm)
f (mechanical ventilation frequency): 1-80 bpm
fSIMV: 1-80 bpm
Range I:E: 4:1-1:10 (increments of 0.5)
Tinsp (inhalation time): 0.20-10 s (increments of 0.05 s)
Tlow: 0.2-30 s (increments of 0.1 s)
Tpause: 5-60% (1% increase) discount
ΔPinsp: 0-60 cm H2O (every 1 cmH2O)
ΔSupply: 0-60 cm H2O (every 1 cmH2O)
Height: 0-60 cm H2O (every 1 cmH2O)
Flow: 1-45 cm H2O (every 1 cmH2O)
PEEP: 1-45 cm H2O (every 1 cmH2O), off
Flow trigger: 0.5-15 l/min (in 0.1 l/min steps)
Pressure drain: -10 to -0.5 cm H2O (every 0.5 cm H2O)
Exp% (end of exhaust level): 10-85% (increments of 5%),
Auto CPAP: 4-25 cm H2O (increments of 1 cm H2O)
EPAP: 4-25 cm H2O (every 1 cm H2O)
IPAP: 4-20 cm H2O (every 1 cm H2O)
Time to grow: 1-5 (increments every 1)
Ramp time: 5-45 min (every 5 min), Off.
Min P (VS minimum IPAP): 5-30 cm H2O (every 1 cm H2O)
Max P (VS maximum IPAP): 6-40 cm H2O (every 1 cm H2O)
Max P (PPV maximum pressure limit): 5-40 cm H2O (every 1 cm H2O) Max V (PPV maximum volume limit): 200-3500 mL (every 5 ml)
Max E: 0-100 cm H2O/L (every 1 cm H2O/L)
Max R: 0-50 cm H2O/L (every 1 cm H2O/L)
PPV%: 0%-100% (increases of 1%)
Ventilation of apnea:
Vt/apnea: Adult: 100-2000 mL (every 10 mL) Paediatrician: 20-300 mL
ΔPapnea: 5-60 cm H2O (every 1 cm H2O) Fapnea: 1-80 bpm (in steps of 1 bpm)
Apnea Tincture: 0.20-10 s (in 0.05 s intervals)
Inhalation:
Sigh Switch: On, Off
Interval: 20 s-180 min
Cycles: 1-20 (increments every 1)
Δint.PEEP: 1-45 cm H2O (every 1 cm H2O), Off.
Compatibility of resistance of synchronised pipes:
Tube type: ET Tube, Trach Tube, Disable STRC Tube I.D:
Adult: 5.0-12.0 mm
Paediatric: 2.5-8.0 mm (always 0.5 mm increments)
Compensation: 0-100% (1% increments)
Exhaust conformity switch: On, Off
Oxygen therapy:
Adjustable parameters
O2%: 21-100% (1% increments) Flow rate: 4-60 l/min
Controlled accuracy
O2%: ±(3 vol.% +1% setting)
Flow: ±(2 L/min +10% setting) (BTPS)
Environmental specifications:
Temperature:
5-40°C (operation);
-20 to 60°C (storage and transport, O2 sensor: -20 to 50°C)
Relative humidity:
10-95% (work);
10-95% (storage and transport)
Barometric pressure:
62-106 kPa (working)
50-106 kPa (storage and transport)
Battery:
External AC power supply
Input voltage: 100-240 V
Input frequency: 50/60 Hz
Input current: 2,5 A
Maximum fuse: T2.5 AH/250 V
Internal battery
Number of batteries: One or two (optional)
Type of battery: Built-in lithium-ion battery, 11.25 VDC, 6400 mAh
Battery life: 3 hours (powered by one new, fully charged battery in standard operating condition)
Others:
Communication interface:
RS-232,
Ethernet,
USB port,
CO2 calibration connector,
call the nurse,
on wheels,
portable,
with a touch screen,
with regulated PEEP,
with a cough stimulator,
acts as a pressure/volume booster ventilator,
Alarm settings:
Tidal volume, minute volume, airway pressure, frequency, inhaled oxygen (FIO2), apnea time.
Gas supply: O2
Pipe connector: NIST (DISS optional)
Gas supply pressure: 280-600 kPa
He has a current Technical Passport issued,
24 month guarantee,
Possibility of financing (Poland only): Instalments, Leasing, Loan

