

Intensive care ventilation without compressed gases - Low Cost - High Performance

- 15.6" colour high resolution glass touch screen
- Electrically driven Piston ventilator
- Integrated Oxygen concentrator – 10 litre flow
- User "help" facility via "?" button – provides simple instruction to familiarise the user with the function selected
- Multi mode – VCV, PCV, Spont, PSV-Plus,
- PCV-VG, V-SIMV and P-SIMV
- Minute and Tidal volume adjustment
- Pressure limit and target pressure adjustment
- I:E Ratio, PEEP, Trigger and Sigh adjustment
- Six 'user selectable' Waveforms, (max 4 displayed)
- Pressure, Volume, & Flow vs Time
- Loops – Pressure/Volume or Pressure/Flow with user save facility
- (user set Vol or Flow when CO2 gas monitor option fitted)
- Digital exhaust / PEEP valve
- Single use Breathing Circuit components;
 - Patient Valves for Inspiratory and expiratory
 - Patient Flow sensor with indexed connections
 - Twin limb breathing system – 1.6m
- Oxygen flowmeter with constant / demand flow.
- Oxygen monitor with MOX 3 fuel cell
- 2 stage Air entrainment filter - gives dust free inspired air
- Additional Pin Index and pipeline Oxygen supply.
- CO2 side stream integrated gas monitor – optional



“Safe, Reliable and Affordable”

The Gemini- G100 ventilator is an electrically driven piston ventilator with integrated oxygen concentrator for use in intensive care, particularly designed for use in settings/situations where high pressure Oxygen gas supplies are problematic.

In fact the Gemini -G100 does not place any demand on the oxygen supply within the hospital as it only requires mains electrical power – this means the hospital does not need to rely on deliveries of Oxygen, particularly during peak demand.

Multiple modes allow a wide range of patients and conditions to be effectively ventilated efficiently and cost effectively.

Gemini machine rear view

- Mains sockets
- Pull Handles
- Air entrainment
- O2 Cylinder inlet
- O2 Pipeline inlet



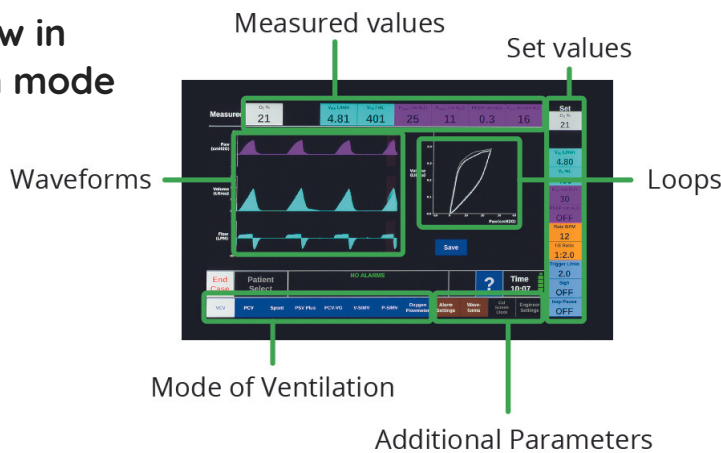
Single use patient valves with integrated exhaust and PEEP diaphragm



Inspiratory valve

Expiratory Valve

Screen view in ventilation mode



- Intuitive Colour Touch screen user interface with zonal display:

Screen view in Virtual flowmeter mode.



- Virtual Flowmeter tube with rotating bobbin.
- **Option:** Built in CO2 monitoring