

ESO 2 Emergency Ventilator

VENTILATION SOLUTIONS

- ◆ Volume and Pressure ventilation, plus SMMV, SIMV, PSV
- ◆ 8.4" colour touchscreen display and com-wheel control
- ◆ Single/dual waveform display
- ◆ Built-in oxygen monitor and sensor
- ◆ As supplied to the UK NHS
- ◆ CE approved for COVID-19 treatment



ESO 2 Emergency Ventilator

VENTILATION SOLUTIONS



Utilising components from our existing successful anaesthesia product range, the ESO 2 provides a solution to the huge demand for emergency ventilators created by the COVID-19 pandemic.

- ◆ 8.4" colour touchscreen with single/dual waveform display
- ◆ Volume, Pressure, PSV, SIMV and SMMV modes
- ◆ Electronic PEEP
- ◆ Air drive gas to help maximise oxygen supplies
- ◆ 60 minutes battery backup
- ◆ Selectable dual waveform display
- ◆ Built-in oxygen monitor and sensor
- ◆ Suitable for adult and paediatric patient profiles

Emergency Ventilation

The ESO 2 has been designed as a solution to the emergency ventilation requirements presented by the COVID-19 pandemic. The ESO 2 uses a proven flow tube control system to deliver accurate concentrations and flows of gases into a patient breathing system, allowing healthcare providers to provide emergency ventilation in intensive care applications.

Ventilation Modes

ESO 2 ventilation modes are Volume (continuous mandatory ventilation), Pressure (pressure controlled mandatory ventilation) with PEEP available in both modes. The ESO 2 also has spontaneous and advanced patient support modes: SIMV (Synchronised Intermittent Mandatory Ventilation), SMMV (Synchronised Mandatory Minute Ventilation), PSV (Pressure Supported Ventilation). Adult and Paediatric default settings are included, and Site default settings can be created by the user.

Gas Supply

Oxygen and air via territory-specific pipeline inlet connectors. Audible and visual warning if there is a reduction in oxygen supply pressure.

Features

- 1 Flow control and visualisation**
A proven conventional control system provides accurate control of oxygen and medical air.
- 2 Touchscreen control**
8.4" colour touchscreen provides waveform, oxygen monitor and parameter displays.
- 3 Oxygen supply failure warning**
Audible/visual warning system.
- 4 Built-in oxygen sensor**
The oxygen monitor sensor is built into the inspiratory airway.



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