



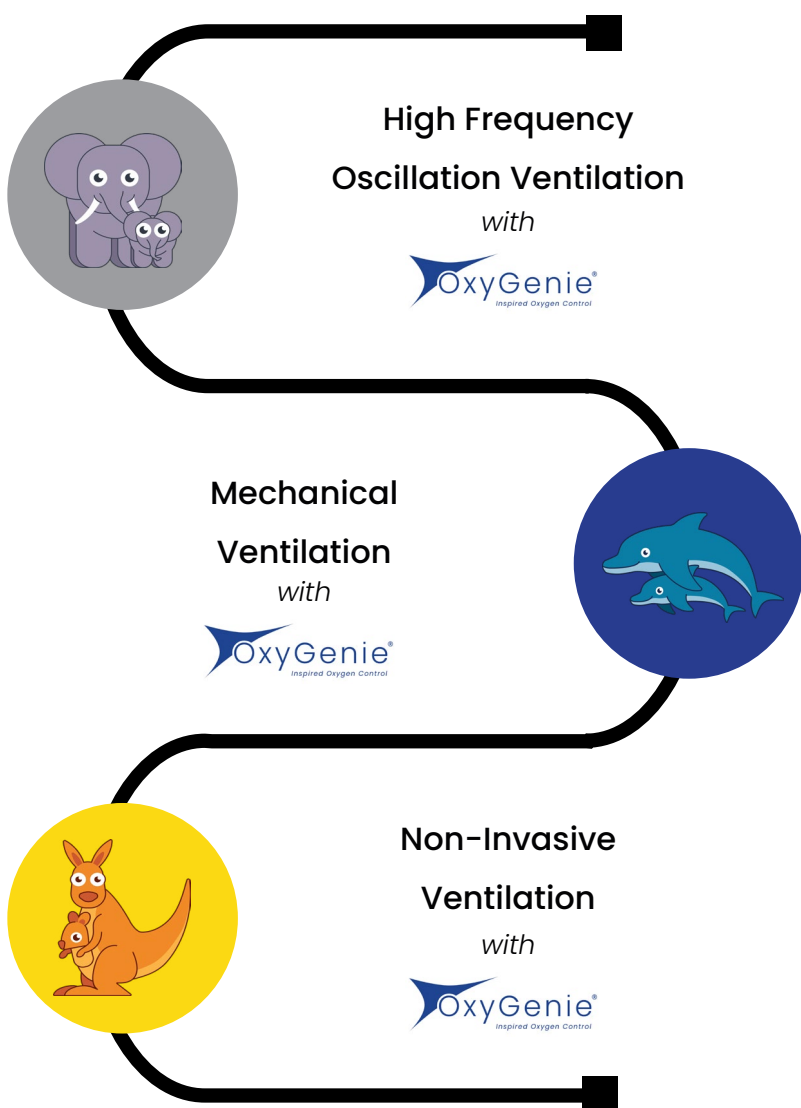
# SLE6000 Infant Ventilators

SLE6000<sub>N</sub>, SLE6000<sub>C</sub>, SLE6000<sub>H</sub>

# NICU to HDU to Step Down Care

SLE6000H, SLE6000c and SLE6000N

Infant ventilation care systems, now with a high visibility capacitive touch screen and versions to fit all levels of care.



The integration of OxyGenie<sup>®</sup> Automated FiO<sub>2</sub> control across all ventilation modes provides the ability to target oxygen delivery to meet the needs and maintain SpO<sub>2</sub> within a therapeutic range.

The integration of SpO<sub>2</sub> and CO<sub>2</sub> monitoring provides a continuous measure of the outcome from the selected ventilation support setting and delivery, which enables the clinician to tune respiratory support measures to meet care needs.

All our ventilators have multiple screen modes for loops, trends, and respiratory values. Each device has a RS232 output for integration of data to Healthcare Information Systems.

# The Ventilators

The top specification SLE6000H ventilator delivers infant respiratory support across the care spectrum, including High Frequency Oscillation (HFOV) and HFOV volume control plus all conventional and non-invasive ventilation modes. The 1-2-3 step operation and circuit configuration provide continuity in critical care through step down care areas. The active inspiration and expiration HFOV valveless delivery system in the SLE6000 enables clinicians to set the Frequency MAP and dP to meet CO<sub>2</sub> clearance and O<sub>2</sub> delivery precisely – with the power and flexibility to support infants from 300g. The SLE6000 range provides Volume Targeting as standard and OxyGenie® Automated FiO<sub>2</sub> control (Optional) for protective ventilation<sup>1</sup>.

The SLE6000H and SLE6000c include Volume Targeting Ventilation to provide lung protective ventilation and support for O<sub>2</sub> delivery, lung recruitment and CO<sub>2</sub> clearance.

The SLE6000N is a solution for step down and kangaroo care, for growing infants needing that extra support. It is a full specification Non-Invasive ventilator which includes triggered Nasal Intermittent Positive Pressure Ventilation (NIPPV) for breath synchronization and support with the benefit of SpO<sub>2</sub> monitoring and automated FiO<sub>2</sub> control monitoring through OxyGenie®.

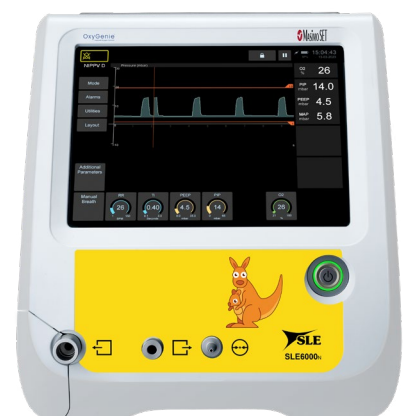
The SLE6000 range is available with a complete range of Non-Invasive accessories, patient circuits and associated support systems for continuity across ventilation modes. In addition we offer humidification, trolley and circuit support arms solutions whether used stand-alone or as a pendant installation.



**SLE6000H**






























**SLE6000c**



**SLE6000N**

# Ventilation Modules

| Mode of Ventilation   | SLE6000H  | SLE6000C  | SLE6000N  |
|---|---|---|---|
| <b>Invasive Ventilation</b>   |   |   |   |
| High Frequency Oscillation Ventilation (HFOV)                         |    |    |    |
| Conventional Mechanical Ventilation (CMV)                             |    |    |    |
| Synchronised Intermittent Mechanical Ventilation (SIMV)               |    |    |    |
| Synchronised Intermittent Mechanical with Pressure Support (SIMV+PS)  |    |    |    |
| Pressure Supported Ventilation (PSV)                                  |   |   |   |
| Patient Triggered Ventilation (PTV)                                   |  |  |  |
| Volume Targeted Ventilation (VTV)                                     |  |  |  |
| <b>Non-Invasive Ventilation</b>                                       |   |   |   |
| Nasal Continuous Positive Airway Pressure (nCPAP)                     |  |  |  |
| Nasal Intermittent Positive Pressure Ventilation (NIPPV)              |  |  |  |
| Triggered Nasal Intermittent Positive Pressure Ventilation (NIPPV Tr) |  |  |  |
| Nasal High Frequency Oscillation Ventilation (nHFOV)                  |  |  |  |
| DuoPap  |  |  |  |
| O <sub>2</sub> Therapy  |  |  |  |

The SLE6000H, SLE6000c and SLE6000N all come with SpO<sub>2</sub> Monitoring and OxyGenie® automated FiO<sub>2</sub> control.

# Accessories

## Circuit Arm

The articulated arm can be positioned to optimise circuit placement. The arm joints are precision mounted and are secured in place with the central tightening knob. The short clamping distance and the step-less tensioning system ensure accurate positioning.



## Trolley

The SLE6000 trolleys are designed to meet the needs of heavy-duty medical work. Wipe clean and mobile they provide a solid platform for the ventilator and feature a range of accessories, including a storage basket and medical rail.



## IntelliBridge

The SLE6000 RS232 link has been adapted for the Philips IntelliBridge EC10 Interface Module. Connection to the monitor must be via the Philips IntelliBridge EC5 ID module.



## Humidifier

The Viomedex Respiratory Humidifier delivers optimal levels of humidity and is fully compatible with our breathing circuits, humidification chambers and electrical adapter leads.



## Masimo SpO<sub>2</sub> Monitoring

SpO<sub>2</sub> monitoring on the SLE6000 range of ventilators allows an uSpO<sub>2</sub> cable (Masimo SET) to be plugged into the back of the ventilator. All of the settings and alarms are handled by the ventilator. SpO<sub>2</sub> and pulse rate values are stored and trended for 14 days.



## EtCO<sub>2</sub> Monitoring

The CO<sub>2</sub> software module for use with the SLE6000 range of ventilators requires an external hardware module, the MicroPod™, that plugs into the rear panel of the ventilator and sends data on CO<sub>2</sub> from the patient to the ventilator to display and trend.



## Miniflow

The Miniflow is a patient interface for the nCPAP mode on the ventilators and is connected to the inspiratory and expiratory limbs of a dual limb patient circuit, allowing a seamless transition from ventilation to nasal CPAP.



# Accessories

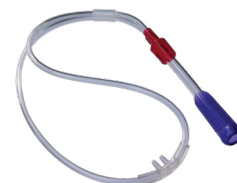
## First Breath™ nCPAP

The First Breath™ nCPAP Generator benefits from established fluidic principles to provide non-invasive respiratory support. The fluidic flip technology is clinically proven, field-tested and has shown in mechanical lung studies to significantly reduce imposed Work Of Breathing (iWOB).



## High Flow Cannulas

Our cannulae have been tested and approved for use with the SLE6000 ventilators. They are designed to be used for high flow oxygen therapy and are available in five different sizes.



## Circuits

SLE offers a range of circuits suitable for all ventilation modes, with and without humidification chambers. These circuits facilitate connection and configuration for both ET tube (Conventional and HFOV modes) and Non-Invasive ventilation modes and use with associated accessories.



## Test Lungs

Ideal for in service checks to establish correct function of the ventilator, not only at start up but also for short term tests during patient use to check ventilator performance.



## References

1. Helen ChittySunil Sinha Infant VOLUME 11 ISSUE 1 2015 and Acta Paediatrica Volume109, Issue5 May 2020 Pages 914–922 Closed loop automated oxygen control in neonates—A review Sarah Sturrock, Emma Williams, Theodore Dassios, Anne Greenough

The details given in this brochure are correct at time of going to press. The images used are for illustration purposes only and may differ from the actual product. The company reserves the right to improve the products shown.

Not all accessories are available in all markets. Please contact your local representative for more information.

References available on request.

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