SLE2000
Infant Ventilator

When the smallest thing matters
For many years, the SLE2000 has set the standard in neonatal ventilation. Using a unique valveless system, the principle of operation of the SLE2000 helps to eliminate inadvertent PEEP, and aid in the total clearance of expired gases.
✓ Ability to maintain pressure waveforms at all rates
✓ Sensitive airway pressure trigger
✓ Comprehensive alarm system
✓ Built in oxygen analyser with continuous digital readout
✓ Clear and easily set controls
✓ Excellent pressure square wave means rapid inflation
✓ High pressure dump on alarm
✓ Exhaled gases can be filtered
✓ Tamper-proof pneumatic controls
✓ Optional auxiliary blended flow outlet
✓ Choice of square or slow rise time (switch selectable)
✓ Can be used with Nitric Oxide therapy
✓ Easy to clean
✓ Low maintenance costs

The valveless system makes it easy to clean and assemble

Customer Support
Throughout the 50 plus year history of SLE, the company has always put customers and patients first.
We believe that developing life-support equipment should not be taken lightly, and that only the highest quality engineering is acceptable for our products.
Downtime is not desirable in the modern NICU. Logical product design means that routine servicing can be carried out quickly and effectively.
Our teams of qualified engineers support our distributors and end-users world-wide to ensure that your SLE product is always available for optimum performance.

Clinical Education
We know that a ventilator is a vital part of your equipment and that you need to feel comfortable using it. That’s why we employ experienced Clinical Specialists in our Clinical Education Department.
These Specialists support our worldwide network of distributors and can help you become more familiar with your SLE products.

Pressure Display
High intensity LEDs show pressure changes.

Mode Selector
Switches between modes.

Alarm panel
Control and manage all alarms.

Patient connection panel
All patient connections are on the front panel for easy access.

System Pressure controls
Large, lockable knobs for easy adjustment.

Oxygen Control
Easy-to-use Oxygen control.
Ventilator Controls

Modes: Off/Alarm Test, CPAP, CMV, PTV, SIMV
Breathing Rates: 1 - 125 (126 - 250 with Option Z0004)
Max Inspiratory Time: 0.1 - 3.0 seconds (0.01 - 0.3 seconds with Option Z0004)
I/E Ratio: 9.9:1 to 1:99 calculated from BPM and Ti settings
Pressure Wave: Slow or fast rise, switch selectable
Manual Breath: Gives single breath in CPAP, CMV, PTV, SIMV modes
PTV Sensitivity: Adjustable threshold
Oxygen Blender: 21 - 100% \( \pm 3\% \)
Pressure Display Switch: Max - Mean - Min
CPAP Regulator: Range: 0 - 15 mbar
Inspiratory Pressure Regulator: 0 - 60 mbar
Alarm Mute: 60 seconds
Alarm Reset: Resets all alarms (except system fail)

Alarms

CPAP: Visual and intermittent audible
PIP / Cycle Fail / Low: Visual and intermittent audible
Fresh Gas Block or Leak: Visual and continuous audible
Loss of Mains supply: Battery powered, audible
Loss of Air or \( \text{O}_2 \) supply: Pneumatic, audible from blender
System Fail: Visual and intermittent audible

Supplies, Dimensions and Weights

Air and \( \text{O}_2 \): 3 - 5 bar
Voltage: 100-120 V 50/60 Hz
220-240 V 50/60 Hz
Power: 120 VA
Fuses: 100-120 V = T500 mA
220-240 V = T200 mA
Protection: Class I Type B
Size, ventilator only: 37 cm W x 31 cm H x 32 cm D
Height on pole: 137 cm
Weight, ventilator only: 10 kg

Designed and manufactured to conform to all relevant international standards for medical devices.
Data subject to change without notice.

Indicator LEDs

Power: Green LED, Power on
System Fail: Red LED, Main processor system fail
Trigger Back up: Green LED, Indicates a machine delivered breath

Proximal airway LED

Pressure meter: Range -4 to +62 mbar

Digital

BPM Display: Breaths per minute
Insp Time Display: Inspiratory time
IE Ratio: Inspiration/Expiration ratio
\( \text{FI}_2 \): Oxygen percentage 21 - 100%
Pressure: 0 - 62 mbar

Gauge

Driving Pressure Gauge: 0 - 60 mbar plus PEEP level

Ordering details

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z2002/FL</td>
<td>SLE 2000 with single-use patient circuits (International)</td>
</tr>
<tr>
<td>Z0002</td>
<td>RS-232 serial port output</td>
</tr>
<tr>
<td>Z0003</td>
<td>0-15 l/min blended output</td>
</tr>
<tr>
<td>Z0004/01</td>
<td>Factory fitted modification to allow BPM range of 126 - 250 BPM</td>
</tr>
<tr>
<td>Z0005</td>
<td>External moisture trap (on air supply only)</td>
</tr>
<tr>
<td>N2391</td>
<td>Patient Circuit - Re-usable (10 mm) (Other types available on request)</td>
</tr>
<tr>
<td>N2587/000/050</td>
<td>Bacteria Filter - Single use (Box of 50)</td>
</tr>
<tr>
<td>N2029</td>
<td>Bacteria Filter - Autoclavable</td>
</tr>
<tr>
<td>N2186</td>
<td>Silencer - Autoclavable</td>
</tr>
<tr>
<td>N2190</td>
<td>Exhalation block - Autoclavable</td>
</tr>
<tr>
<td>N2002/FL</td>
<td>Service manual</td>
</tr>
<tr>
<td>N2000/FL</td>
<td>User manual</td>
</tr>
<tr>
<td>N2001/FL</td>
<td>Quick Setup Guide</td>
</tr>
</tbody>
</table>

Compressor

A free-standing air compressor is also available for use with the SLE2000. Please see your local distributor for further details.

BC2188/400/15
Single use breathing circuit for use with SLE2000 and SLE2000 HFO infant ventilators. Temperature port 400 mm from ET manifold (single use). Circuit comes complete with water trap, filter connection kit and adaptors. (Box of 15)

BC6216
Nitric Oxide delivery kit, set of connectors (Paediatric delivery).

BC2508
Nebuliser kit (Paediatric delivery).

BC2110/KIT
Nitric Oxide adaptor kit for BC2188/400 breathing circuits (SLE2000 and SLE2000 HFO infant ventilators). (Box of 5)

N4110
Nitric Oxide dual hose scavenging filter assembly for SLE2000 infant ventilators. (Box of 1)
SLE is a world leader in the design and manufacture of neonatal ventilation systems. Years of ventilation experience have given the company an understanding of the challenges facing nurses and clinicians when caring for the tiniest and most critical babies. From being the pioneers of neonatal Patient Triggered Ventilation (PTV) in the early 1980’s, to the introduction of combined HFO (High Frequency Oscillation) in the 1990’s, SLE has maintained a position of strength in neonatal ventilation. The company’s guiding principle is to support clinical and nursing staff in their everyday work. The knowledge and experience gained during years of development is evident in the SLE2000: the result of SLE’s ongoing commitments to innovation, competency and care.