VS Integra™ and VS Ultra™

VS Integra™

Homecare pressure ventilator

(Noninvasive)

Flexibility in pressure ventilation
- Ventilation with vented or non-vented masks
- Comprehensive pressure modes – S/ST, IMV, PSV, AMFV
- Pressure settings up to 50 cm H2O
- Optional oxygen inlet
- Suitable for chronic conditions

Convenient and portable
- Lightweight
- Optional built-in battery with four hours of battery life*
- External battery option

VS Ultra™

Flexibility in pressure ventilation
- Pressure ventilation with non-vented masks
- Comprehensive pressure modes – S/ST, IMV, PSV, AMFV
- Pressure settings up to 50 cm H2O
- Optional oxygen inlet
- Suitable for chronic conditions

Easy to use
- Simplified menu—quick access to standard settings
- Systematic and logical navigation—goes through one parameter after another, ensuring that all critical parameters are viewed and set

Synchronisation for breathing comfort
- Automatic inspiratory and expiratory trigger
- Automatic leak compensation
- TiControl™ facilitates patient-ventilator synchronisation
- Automatic leak compensation
- Micro-blower and three-way valve enhances ventilatory performance

Simple and effective monitoring
- Expanded menu—includes secondary parameters displayed on the device
- EasyDig software—graphic analysis of ventilatory parameters, compliance information, remote monitoring, and ventilation log
- Data management capabilities—for clinical evaluation and decision-making during titration and treatment, especially valuable when managing complex conditions
- Alarm options provide safety during therapy

VS series: effective solutions from ResMed's homecare ventilation suite

* Tested under specific settings. Please refer to the User Guide.
### VS Ultra™

**Homecare pressure and volume ventilator**

**Versatility for clinical preferences**
- A complete range of pressure and volume ventilation modes with oxygen and circuit options
- Suitable for adults and children with high or low dependence on the ventilator
- Electronic control of the type of circuit
- Invasive and noninvasive ventilation

**Enhanced safety**
- Warm options provide safety during therapy
- Automatic detection of the type of circuit
- Improved patient-ventilator synchronisation

**Convenient and portable**
- Easy use
- Simplified menu for quick access to standard settings
- EasyDiag software—graphic analysis of ventilatory parameters, compliance information, remote monitoring, and ventilator log

**Easy to use**
- Easy user interface
- Microblower and three-way valve for precise flow control, faster response time to reach targeted pressure

**Simple and effective monitoring**
- Established menu includes secondary parameters displayed on the device
- Cardiac—analyses of ventilation, patient parameters, telemonitoring, and ventilator log
- Data management capabilities—clinical evaluation and decision-making during titration and treatment, especially suitable when managing sub-acute and complex conditions

### VS Ultra: compact and portable pressure and volume ventilator

**Leakage (vented mask)**
- Double circuit option
- Double circuit option only

<table>
<thead>
<tr>
<th>Parameter</th>
<th>VS Ultra</th>
<th>VS Ultra™</th>
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</thead>
<tbody>
<tr>
<td>Pressure</td>
<td>4–20 (hPa)</td>
<td>4–20 (hPa)</td>
</tr>
<tr>
<td>Flow</td>
<td>0–250 l/min</td>
<td>0–250 l/min</td>
</tr>
<tr>
<td>Leak</td>
<td>0–25 l/min</td>
<td>0–25 l/min</td>
</tr>
<tr>
<td>Flow rate</td>
<td>0–2500 l/min</td>
<td>0–2500 l/min</td>
</tr>
</tbody>
</table>

### Technical Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>VS Ultra</th>
<th>VS Ultra™</th>
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</thead>
<tbody>
<tr>
<td>Weight</td>
<td>2.6 kg (5.7 lb) without internal battery</td>
<td>3.5 kg (7.7 lb) with battery</td>
</tr>
<tr>
<td>Size</td>
<td>300 x 250 x 110 mm</td>
<td>300 x 250 x 110 mm</td>
</tr>
<tr>
<td>Measurements</td>
<td>0.1%</td>
<td>0.1%</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±10%</td>
<td>±10%</td>
</tr>
<tr>
<td>Volume</td>
<td>10 mL (50–400)</td>
<td>50 mL (400–2500)</td>
</tr>
<tr>
<td>Respiration rate</td>
<td>1–3 breaths/minute</td>
<td>1–3 breaths/minute</td>
</tr>
<tr>
<td>Pressure</td>
<td>0–20 (hPa)</td>
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<tr>
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</tbody>
</table>

* Double circuit option only available for VS Ultra™