BleaseDatum
Anesthesia Vaporizers

PEACE OF MIND
While ventilation ensures that patients receive adequate oxygenation, reliable vaporization of inhaled anesthesia drugs and effective intravenous techniques are critical to ensure adequate anesthesia is provided.

The BleaseDatum vaporizer provides excellence in output stability across various flow rates and temperatures, over extended periods of use. Even through the demands of mask inductions with high gas flow and vapor settings, the BleaseDatum meets the clinical challenge to provide the concentration demanded, into the patient circuit.

For a decade, the BleaseDatum has set the standard for long term reliability, performance, stability and value. BleaseDatum, the first vaporizer to be free of routine maintenance requirements, is now backed by a 10-year warranty.

The BleaseDatum vaporizers are in use around the world, chosen for drug delivery on Spacelabs Healthcare anesthesia systems, and others.

Spacelabs Healthcare - Connecting Innovation with Care.
Performance

By offering a maintenance free vaporizer together with a 10 year warranty as standard, Spacelabs Healthcare signals its commitment to providing reliable accurate vaporizers that perform across a range of variables including temperature, flow rate and altitude.

The balance between weight, materials and output has been carefully considered with the BleaseDatum. Materials that allow lightweight construction may not allow consistently reliable accurate temperature compensation. A crucial test of this balance is the industry standard DIN13252 performance test. Even at these extremes, the BleaseDatum delivers.

Using clearly visible agent level indicators and color coded labeling, safety remains paramount.

With no requirements for regular servicing or maintenance, performance checks can be carried out on site. Our unique temperature compensator which is not subject to fatigue or wear adds to the accuracy and performance of the BleaseDatum.

The 10-year warranty means absolute peace of mind.
Choice

Available for Sevoflurane, Isoflurane, Halothane and Enflurane, the BleaseDatum can be used with proprietary as well as generic versions of volatile agent.

A range of mounting systems makes it compatible with either SELECTATEC backbars with interlock, Cagemount, Drägerwerk AG or North American Dräger backbars. Key or Screw fillers can be ordered to suit individual requirements.

Spacelabs Healthcare also manufactures the Abbott Sevoflurane Quik Fil™* model, which is available in all mounting variants.

The BleaseDatum is a truly flexible vaporizer designed to be compatible with other manufacturers’ systems. OEM labeling options can also be requested to provide complete system consistency.

All vaporizers are MRI compatible up to 1000 gauss line reducing the need for costly additional delivery devices for the MRI environment.

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**KEY FEATURES**

- Sevoflurane, Isoflurane, Enflurane, Halothane
- All common mounting systems
- Key Fill, Screw Fill, Quik Fil™*  

*Quik Fil™* is a trademark of Abbott Laboratories.
Vaporization

As vaporizers are used on an ever widening range of anesthesia delivery devices, they must be able to withstand varied pressures and tolerance especially during Intermittent Positive Pressure Ventilation. Our use of the entire vaporization chamber and specially designed coiling system allows this to be achieved.

As low flow anesthesia becomes more widely practised, it is essential that the vaporizers can deliver accurately irrespective of your chosen flow rate. As illustrated below, BleaseDatum delivers.

**KEY FEATURES**

- More than 60,000 sold globally
- More surface area for Vaporization
- Unique ventilation compensation system
- Accurate in low flow anesthesia
## Technical Specifications

### Dimensions

<table>
<thead>
<tr>
<th>Mounting System Compatibility</th>
<th>SELECTATEC with Interlock (ISO 23mm/0.9in tapers)</th>
<th>Cagemount with Interlock</th>
<th>Draeger AG</th>
<th>North American Draeger</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>225mm/8.86in</td>
<td>220mm/8.66in</td>
<td>225mm/8.86in</td>
<td>220mm/8.66in</td>
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<tr>
<td>Width</td>
<td>114mm/4.48in</td>
<td>137mm/5.39in</td>
<td>100mm/3.94in</td>
<td>100mm/3.94in</td>
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<tr>
<td>Depth</td>
<td>200mm/7.87in</td>
<td>190mm/7.48in</td>
<td>200mm/7.87in</td>
<td>175mm/6.89in</td>
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<tr>
<td>Weight (approx)</td>
<td>7.5kg/16.53lb</td>
<td>7.3kg/16.09lb</td>
<td>7.4kg/16.31lb</td>
<td>7.5kg/16.53lb</td>
</tr>
<tr>
<td>Agent Capacity (+/- 25ml)</td>
<td>250ml</td>
<td>250ml</td>
<td>250ml</td>
<td>250ml</td>
</tr>
</tbody>
</table>

### Output Accuracy

+/- 15% of set volume % or +/- 0.15 vol%  
(8% Sevoflurane models +/- 20% of set volume or +/- 0.20 vol%) whichever the greater over the nominal condition ranges

### Performance reliability

- Flow rates: 0.2-1.5 lpm
- Temperature range: 15-35°C/59-95°F
- Altitude (up to and including): 2440m asl
- MRI compatible: up to 1000 gauss line

### Ordering information

#### Anesthetic agent

<table>
<thead>
<tr>
<th>Key filler adaptor</th>
<th>Ordering information</th>
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<tbody>
<tr>
<td>Isoflurane</td>
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<td></td>
<td>13010000</td>
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<tr>
<td>Halothane</td>
<td>Key filler adaptor</td>
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<td></td>
<td>13020000</td>
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<td>Enflurane</td>
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<tr>
<td></td>
<td>13030000</td>
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<tr>
<td>Sevoflurane</td>
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<td>13040000</td>
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