For greater user comfort the EASE II is small and light. The ‘Easy Grip’ handle is another user friendly addition.

- On demand Oxygen or Nitrous Oxide/ Oxygen system for delivering up to 300 litres/min
- Portable first stage regulator and cylinder version for immediate care and pre-hospital applications.
- Low pressure pipeline version for obstetrics and general nursing applications.
- Conforms to BS 4272: Part 2: 1996
- Low inspiratory effort demand valve
- Test/ Purge facility on the demand valve, easy to clean and reassemble for cross infection protocol
- Hose fitted with probes by the national standards for connection into Combivalve/ regulator on cylinders or wall outlet
- Autoclavable, removable handle

The EASE II portable and pipeline systems provide a compact low resistance method of self-administering O₂/N₂O. The EASE demand valve is constructed in a way that creates minimal breathing resistance to the patient and can deliver high flows when required.
**EASE II**

The EASE II system is available to deliver Nitrous Oxide/Oxygen upon demand. It is available for use as a portable system with first stage regulator, or as a low pressure pipeline version. The EASE is designed to administer effective pain relief within a wide range of medical situations including immediate care, general practice and general nursing obstetrics.

Conforming to BS 4272: Part 2:1996, the demand valve is designed to deliver up to 300 litres per minute of gas with minimal inspiratory effort by the patient. This valve also contains a removable patient valve that houses the exhalation flap and anti-contamination valve.

This can be removed and cleaned before replacement and re-use. The first stage regulator connects to the cylinder via BS1319/ISO407 pin index yolk connector. This reduces the pressure to 4 bar, which is fed to the demand valve via a low pressure hose.

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### Technical Data

**Demand valve**

<table>
<thead>
<tr>
<th>Gas</th>
<th>( N_2O/O_2 ), ( O_2 )</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>Polycarbonate, silicone rubber, stainless steel</td>
</tr>
<tr>
<td>Dimensions</td>
<td>50 × 50 × 63 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>0.085 kg</td>
</tr>
<tr>
<td>Gas supply</td>
<td>Requirement 2,8 to 7,0 bar at &gt;200 L/min</td>
</tr>
<tr>
<td>Inspiratory resistance</td>
<td>(At 2,8 bar supply press.) Cracking 0,15-0,2 kPa -0,2 kPa at 10 L/min -0,7 kPa at 200 L/min</td>
</tr>
<tr>
<td>Expiratory resistance</td>
<td>Cracking Zero At flow +0,35 kPa at 120 L/min</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-20°C tp +60°C used Oxygen +5°C to +40°C used 50/50 ( N_2O/O_2 )</td>
</tr>
<tr>
<td>Storage temperature</td>
<td>-30°C to +60°C</td>
</tr>
</tbody>
</table>

**Hose assembly**

| Connection | Probes by the national standards |
| Working pressure | 7 bar |
| Burst pressure | 44 bar |
| Material | PVC, anti-static in accordance with ISO 5359 |
| Weight | 0,5 kg (3 m length) |
| Manufacturer: | GCE, s.r.o, Žižkova 381 583 81 Chotěboř, CZ |
| CE - marking | CE0434 |

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**Art. Nr.** | **Gas Type** | **Group Co.** | **EASE II Variant Description**  
149127 | \( O_2/N_2O \) | SE | EASE II, 3 m hose, SS probe  
149126 | \( O_2 \) | SE | EASE II, 3 m hose, SS probe

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