Clinical Background

The use of otoscopes for ear examination is routine in primary care, emergency departments and specialist ENT clinics\(^1\). However nasal examination is less straightforward, typically requiring additional equipment.

When using a standard otoscope for nasal examination the view is often frustrated by fogging of the lens. If using a thudicum or nasal speculum there is the additional challenge of needing to use both hands and a headlight.

Product Information

Delta Medical International, in partnership with Olberon Medical, offer a unique solution to make both aural and nasal examination viable and affordable in all clinical settings.

The Otorhinoscope is a complete ENT diagnostic kit in a single instrument. It was conceived and designed by practising clinicians, realising that examination and diagnosis would be simplified, in many cases without the need to refer to an ENT specialist.

The patented solution offered by the Otorhinoscope hinges on the variable geometry of the speculum, ranging from a small closed tip suitable for paediatric ear examination to a fully spread configuration for clear nasal inspection. The speculum is simply opened by sliding a lever located under the thumb on the instrument body, allowing easy operation with a single hand. This can be particularly helpful in minor procedures such as removal of foreign bodies.

The super-bright LED light source gives outstanding illumination, ensuring a clear view through the magnifying lens. The light can be dimmed at the touch of a finger.

The universal speculum is suited for all ENT applications. It can be fitted quickly and easily and is disposable to avoid any cross-infection risk between patients.
**Features & Benefits**

The Otorhinoscope gives unrivalled capability to inspect ears, nose and throat with a single instrument using a universal speculum. This removes the need to have a range of tips and accessories available.

The instrument is suitable for use for all patients; this means they can be examined in all healthcare settings, without the need for specialist referral.

The advanced features, developed by medical professionals, ensure that the Otorhinoscope is practical and simple to use.

The high quality design and materials ensure the instrument is easy to handle and clean.

**Product Specifications**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
<td>3Vdc. 2 x LR14 (C Size) alkaline batteries</td>
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<tr>
<td>Light Output</td>
<td>20 cd</td>
</tr>
<tr>
<td>Speculum Diameter Range</td>
<td>5mm to 20mm</td>
</tr>
<tr>
<td>Size</td>
<td>200mm x 30mm</td>
</tr>
<tr>
<td>Weight</td>
<td>325g</td>
</tr>
<tr>
<td>Operating Temperature Range</td>
<td>-10°C to +45°C</td>
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<tr>
<td>Storage Temperature Range</td>
<td>-10°C to +45°C</td>
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<tr>
<td>Approvals</td>
<td>CE. MDD 93/42/EEC</td>
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Specifications may change without notice due to continuous product improvement.

**Ordering Information**

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<tr>
<th>Part No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>ENT001</td>
<td>Otorhinoscope in protective case</td>
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<tr>
<td>ENT100</td>
<td>Speculum, adjustable, single patient use. Box of 200</td>
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<td>ENT101</td>
<td>Speculum, adjustable, single patient use. Box of 400</td>
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<tr>
<td>ENT102</td>
<td>Speculum, adjustable, single patient use. Box of 1,000</td>
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**References**