MP-3 **New Features**

The solution for evaluating retinal sensitivity and rehabilitation through peripheral vision training

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**Feedback Exam for Visual Rehabilitation**

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**Scotopic Microperimetry**

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Feedback exam image courtesy of the National Centre of Services and Research for the Prevention of Blindness and Rehabilitation of Visually Impaired - IAPB Italia Onlus, Rome - Italy

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**THE ART OF EYE CARE**
**Standard Function**

**Feedback Exam**

The visual rehabilitation mode trains low-vision patients who have lost foveal fixation to relocate their preferred retinal locus (PRL) to a different region, called the trained retinal locus (TRL). The TRL is predetermined by a physician, and fixation rehabilitation allows the patient better functional vision (i.e. reading speed) due to increased fixation stability and visual outcomes.

Active flickering pattern stimulation and cheery music create an effective and pleasant training experience for the patient.

**Gray Scale**

Visual sensitivity maps can be displayed in gray scale, similar to the conventional visual field reports. This display allows for an intuitive assessment of retinal sensitivity.

**Factory-installed Option: MP-3 type S**

Available in countries with CE marking.

**Scotopic Microperimetry**

Dark-adapted test allows evaluation of rod function under scotopic conditions. Scotopic microperimetry is used to assess the changes in rod sensitivity of degenerative retinal diseases including age-related macular degeneration and some forms of retinitis pigmentosa. This modality can be used in clinical trials of new therapeutics for retinal diseases that impair rod function. The type S provides scotopic microperimetry in addition to the standard functions of the MP-3.

**Scotopic Microperimetry Specifications**

<table>
<thead>
<tr>
<th>Microperimetry</th>
<th>Visual field</th>
<th>Background luminance</th>
<th>Stimuli luminance threshold range</th>
<th>Stimulus size</th>
<th>Threshold strategy</th>
<th>Fixation target</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>40°</td>
<td>0.003 asb</td>
<td>0.303 asb (0 dB) to 0.0042 asb (24 dB)</td>
<td>4-2 / 4-2 (fast) / 4-2-1 / 4-2-1 (fast)</td>
<td>Shape: single-cross, circle, four-crosses, four-lines</td>
<td></td>
</tr>
</tbody>
</table>

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