Technical Specification

Henson 7000

Fast single and multiple stimulus suprathreshold screening in a durable, portable device
## Technical Specification

### Henson 7000 Screener

#### Test specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visual field test range (degrees)</td>
<td>30</td>
</tr>
<tr>
<td>Stimulus duration (ms)</td>
<td>200</td>
</tr>
<tr>
<td>Stimulus size</td>
<td>Goldmann III</td>
</tr>
<tr>
<td>Visual field test distance (cm)</td>
<td>17</td>
</tr>
<tr>
<td>Stimulus intensity (maximum)</td>
<td>317 ASB</td>
</tr>
<tr>
<td>Background Illumination</td>
<td>10 ASB</td>
</tr>
</tbody>
</table>

#### Test methods

- Standard Automated Perimetry (SAP), white-on-white

#### Screening tests/patterns

- Suprathreshold – single stimulus: 2 levels (26, 68 points)
- Suprathreshold – multiple stimulus: 2 levels (26, 68 points)
- Customised tests: Test locations can be manually added to all suprathreshold tests

#### Average testing times

- Suprathreshold – single stimulus: ~90 seconds per eye
- Suprathreshold – multiple stimulus: <60 seconds per eye

#### Fixation control

- Fixation target: Single or 4-point LED diamond pattern

#### Software features

- Patient management database: MS Windows compatible; networkable
- Practice management integration: EMR compatibility (parameter passing and text file)
- Languages: ENG, CHI, key European languages

#### Connectivity

- DICOM: Yes (images)
- Ethernet: Yes, via connected computer
- Database backup: Removable, network or cloud storage

#### Dimensions

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Weight (kg)</td>
<td>5</td>
</tr>
<tr>
<td>Measures (W x D x H / mm)</td>
<td>270-350 x 230 x 300-350 (height adjustable)</td>
</tr>
</tbody>
</table>

#### Classification

- Mains operated: Yes
- Medical device: Class 1
- Applied part: Type B

#### Regulatory approvals

- CE: Yes
- FDA: Yes

#### Control device

- External PC / laptop / tablet running MS Windows® Professional, v. 7, and above

#### Patient unit inputs/outputs

- C13 mains input; Patient Response Button, USB Type B connector

#### Electrical requirements

- 85 - 263Vac, 50/60Hz, 60VA

#### Optional printer

- Any compatible with controlling computer