Laser Indirect Ophthalmoscope

Pascal LIO

- Allows physicians to offer laser photocoagulation treatments to patients unable to sit at a slit lamp
- Compatible to Pascal 532 nm and 577 nm laser systems*
- Provides increased access to the far periphery of the retina
- Large or small aperture selection for dilated or non-dilated or small pupils
- Aperture selections automatically adjusts illumination and viewing mirrors for maximum stereopsis
- Multiple illumination filters available in clear white, cobalt blue, red-free and diffused allow physicians to examine and/or treat with superior visualization of the retina
- Independent illumination and laser position control
- LED light source offer brighter and whiter illumination for high definition retinal images
- Conveniently mounts on wall or desktop for easy access
- Small and lightweight headset battery offers up to 2 hours of use without recharging
- Soft cushioned headband adjusts and balances perfectly to suit all head shapes and sizes
Filters and Apertures

- **Clear Light** - Ideal for inspecting a specific pathology and when a brighter, whiter light is desired.
- **Red Free** - This filter is used to examine blood vessels in fine detail. By filtering out the red light, blood vessels are silhouetted against a green background.
- **Cobalt Blue** - This filter is used with fluorescein dye for angiography.
- **Diffuser** - Diffused light permits a more relaxed technique during more challenging fundus examinations.

Large Aperture - Ideal when examining fully dilated pupils.
Intermediate - Ideal for children and sensitive patients.
Small Aperture - Ideal for undilated pupils.

Specifications

<table>
<thead>
<tr>
<th>System Compatibility*</th>
<th>532 nm: PASCAL®, Slimline™ S32, Streamline™ S32</th>
<th>PN SA-06161</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tr>
<tr>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Selectable Filters</th>
<th>Clear light, Cobalt Blue, Red-Free, Diffuser</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illumination Source</td>
<td>LED</td>
</tr>
<tr>
<td>Headset Power Requirements</td>
<td>Battery operation</td>
</tr>
<tr>
<td>Aperture Selection</td>
<td>Large</td>
</tr>
<tr>
<td>Headset Weight</td>
<td>1.2 lb (0.5 kg)</td>
</tr>
<tr>
<td>Charging Station</td>
<td>100-240V – 50/60Hz</td>
</tr>
<tr>
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### Specifications

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- **PN SA-06161**
- **577 nm:** Streamline S77
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Laser consoles must have compatible hardware and software to support LIO use.

**Select Modes**

- **Clear Light**
- **Cobalt Blue**
- **Red-Free**
- **Diffuser**

**Illumination Source**

- **LED**

**Headset Power Requirements**

- **Battery operation**

**Aperture Selection**

- **Large**
- **Intermediate**
- **Small**

**Headset Weight**

- **1.2 lb (0.5 kg)**

**Charging Station**

- **100-240V – 50/60Hz**

**Power Supply**

- **12V : 2.5amps Battery**

**Cooling**

- **TEC / Air Cooled**

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In order to obtain the best results with this instrument, please be sure to review all user instructions prior to operation.