IRIDEX® Green Laser Photocoagulator Family
Control, Precision, Convenience

IQ 532™
OcuLight® TX
OcuLight® GL/GLx
IRIDEX® Green Laser Photocoagulator Family

The Industry Standard for Performance and Value

- Includes TrueCW™ laser pulses for maximum control and precision
- Designed for durability, with a thermal management system to increase laser conversion efficiency and reliability
- Enhances user interface with conveniently located, easily understood controls
- Allows easy transport between rooms and offices

Advancing Technology with MicroPulse® Module*

- Tissue-sparing procedures to deliver energy below levels of standard photocoagulation
- Reduces thermal spread by confining heat to the target area

Optional Accessories

- For added convenience, a remote control and ergonomic wireless footswitch can be used to operate the laser while reducing clutter
  - Remote Control (for OcuLight® TX and IQ 532™)
  - Power Adjust Wireless Footswitch

*Optional module for IQ 532 laser only
Green Laser Delivery Devices

**TxCell™ Scanning Laser Delivery System**
- Multi-spot pattern scanning for efficient pan retinal photocoagulation
- Standard photocoagulation with optimized wavelengths: IQ 532 or true-yellow IQ 577™
- Confluent laser patterns for tissue-sparing MicroPulse protocols

**Portable Slit Lamp Adapters (SLAs)**
- Provide transpupillary laser photocoagulation capabilities to over 50 models of Haag-Streit, Zeiss, and similar slit lamp systems

**TruFocus™ Laser Indirect Ophthalmoscope (LIO)**
- Ideal for patients best examined and treated in a supine position

**EndoProbe® Handpieces**
- Combines quality and precision with clinician comfort, facilitating the latest treatment options for endophotocoagulation
# IRIDEX® Green Laser Photocoagulator Family

## Specifications

<table>
<thead>
<tr>
<th></th>
<th>OcuLight® GL</th>
<th>OcuLight GLx</th>
<th>OcuLight TX</th>
<th>IQ 532™</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wavelength:</strong></td>
<td>532 nm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Weight:</strong></td>
<td>&lt;6.0 kg (13.2 lb)</td>
<td>9.0 kg (19.2 lb)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dimensions:</strong></td>
<td>30 cm x 30 cm x 15 cm (12 in W x 12 in D x 6 in H)</td>
<td>30.5 cm x 35.6 cm x 21.4 cm (12 in W x 14 in D x 8.5 in H)</td>
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</tr>
<tr>
<td><strong>Connector Type:</strong></td>
<td>Resistor</td>
<td>RFID</td>
<td>Resistor</td>
<td></td>
</tr>
<tr>
<td><strong>Electrical:</strong></td>
<td>100-240 VAC, 50/60 Hz</td>
<td></td>
<td></td>
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<tr>
<td><strong>Cooling:</strong></td>
<td>Whisper fan with peltier cooling</td>
<td>Air cooled</td>
<td></td>
<td></td>
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<tr>
<td><strong>Exposure Duration:</strong></td>
<td>CW-Pulse™: 30–1000 ms</td>
<td>CW-Pulse: 10–3000 ms</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Exposure Interval:</strong></td>
<td>CW-Pulse: 30–1000 ms</td>
<td>CW-Pulse: 10–3000 ms</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MicroPulse® Duration:</strong></td>
<td>N/A</td>
<td>MicroPulse: 0.05–1.00 ms</td>
<td></td>
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</tr>
<tr>
<td><strong>MicroPulse Interval:</strong></td>
<td>N/A</td>
<td>MicroPulse: 1.00–10.00 ms</td>
<td></td>
<td></td>
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<tr>
<td><strong>Aiming Laser:</strong></td>
<td>Diode laser, 635 nm nominal</td>
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<tr>
<td><strong>Delivery Device:</strong></td>
<td>SLA: 0–1200 mW</td>
<td>SLA: 0–1800 mW</td>
<td>SLA: 0–1800 mW</td>
<td>TxCell™: 0–2000 mW</td>
</tr>
<tr>
<td><strong>Power Output:</strong></td>
<td>LIO: 0–1500 mW</td>
<td>LIO: 0–2000 mW</td>
<td>LIO: 0–2000 mW</td>
<td>SLA: 0–2000 mW</td>
</tr>
<tr>
<td></td>
<td>EndoProbe™: 0–1500 mW</td>
<td>EndoProbe: 0–2000 mW</td>
<td>EndoProbe: 0–2000 mW</td>
<td>EndoProbe: 0–2000 mW</td>
</tr>
</tbody>
</table>


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Products are covered by one or more of the following U.S. patents: 5,511,085; 5,982,789; 6,327,291; 6,540,391; 6,733,490; 7,766,904; 7,771,417; 7,909,816; 5,997,498; 6,073,759; 6,092,898; 6,217,594; 6,494,314; 6,585,679; 6,726,666; 6,800,076; 6,866,142; 7,537,593; 8,177,777; 783783; 6953049; 7211620; 6970654; 549691; 449444; 8270696; 4819754; 5123973; 5135069.

Other U.S. and international patents pending.

Clinical references available upon request.

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