

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* MicroPulse™

- Tissue-sparing procedures to deliver energy below levels of standard photocoagulation
- Reduces thermal spread by confining heat to the target area¹

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)

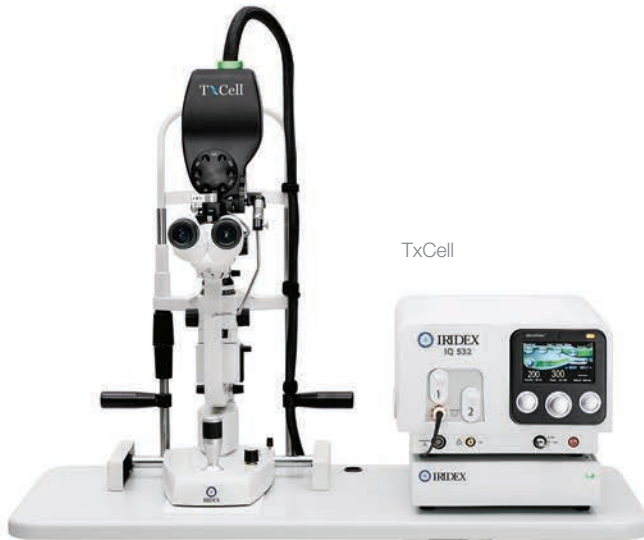
- Provide transpupillary laser photocoagulation capabilities to over 50 models of Haag-Streit, Zeiss, and similar slit lamp systems

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



TxCell



Slit Lamp Adapter (SLA)




Laser Indirect Ophthalmoscope (LIO)



EndoProbe® Handpieces

IRIDEX[®] Green Laser Photocoagulator Family

Specifications

	OcuLight [®] GL	OcuLight GLx	OcuLight TX	IQ 532 [™]  MicroPulse [™]
Wavelength:	532 nm			
Weight:	<6.0 kg (13.2 lb)			9.0 kg (19.2 lb)
Dimensions:	30 cm x 30 cm x 15 cm (12 in W x 12 in D x 6 in H)			30.5 cm x 35.6 cm x 21.4 cm (12 in W x 14 in D x 8.5 in H)
Connector Type:	Resistor			RFID Resistor
Electrical:	100–240 VAC, 50/60 Hz			
Cooling:	Whisper fan with peltier cooling			Air cooled
Exposure Duration:	CW-Pulse [™] : 30–1000 ms		CW-Pulse: 10–3000 ms	
Exposure Interval:	CW-Pulse: 30–1000 ms		CW-Pulse: 10–3000 ms	
MicroPulse[™] Duration:	N/A			MicroPulse: 0.05–1.00 ms
MicroPulse Interval:	N/A			MicroPulse: 1.00–10.00 ms
Aiming Laser:	Diode laser, 635 nm nominal			
Delivery Device Power Output:	SLA: 0–1200 mW LIO: 0–1500 mW EndoProbe [®] : 0–1500 mW	SLA: 0–1800 mW LIO: 0–2000 mW EndoProbe: 0–2000 mW OtoProbe [™] : 0–2500 mW FlexFiber [™] : 0–2500 mW	SLA: 0–1800 mW LIO: 0–2000 mW EndoProbe: 0–2000 mW OtoProbe: 0–2500 mW FlexFiber: 0–2500 mW	TxCe [™] : 0–2000 mW SLA: 0–2000 mW LIO: 0–2000 mW EndoProbe: 0–2000 mW OtoProbe: 0–2500 mW FlexFiber: 0–2500 mW

1. Luttrull JK, Sramek C, Palanker D, Spink CJ, Musch DC. Long-term safety, high-resolution imaging, and tissue temperature modeling of subvisible diode micropulse photocoagulation for retinovascular macular edema. *Retina* 2011.

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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; 7,837,83; 6,953,049; 6, KR 348012; 0904615; 69706541.3; CA 2331837; AU 759193; JP 4149670; EP 1009684; CA 2286002; JP 449444; JP 4570696; JP 4819754; JP 5123973; JP 5133069.

Other U.S. and international patents pending.
Clinical references available upon request.

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Elegantly simple solutions[™]

