

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)

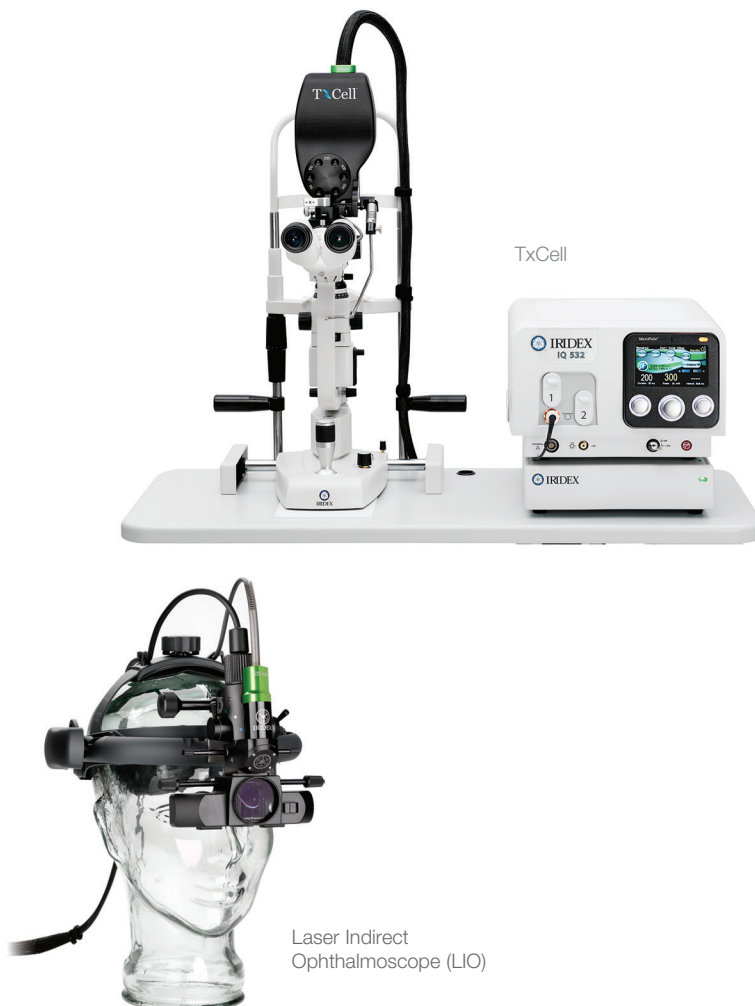
- Provide transpupillary laser photocoagulation capabilities to over 50 models of Haag-Streit, Zeiss, and similar slit lamp systems

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



Slit Lamp Adapter (SLA)



EndoProbe® Handpieces

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Specifications

	OcuLight® GL	OcuLight GLx	OcuLight TX	IQ 532™ 
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	TxCell™: 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.

Specifications are subject to change without notice. IRIDEX, the IRIDEX logo, MicroPulse, OcuLight and EndoProbe are registered trademarks and IQ 532, TrueCW, TruFocus, TxCell, OtoProbe, FlexFiber, and CW-Pulse are trademarks of IRIDEX Corporation. All other trademarks are the property of their respective owners.

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; 7,837,833; 6,953,049; 6,953,049.7; 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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