

IQ 532™ Laser System

532 nm Laser with DualSense™

The Advantages of Innovation

- High power with 2500 mW of deliverable laser power
- High speed with pulse durations from 10 - 3000 ms
- DualSense™ provides quick and simple selection of multiple delivery devices for RFID and SMA
- Intuitive graphic touch screen interface with high contrast color display
- Voice confirmation to aid surgical technique
- **Advancing Technology with Optional MicroPulse™ Module**
 - Tissue sparing procedures to delivery energy below levels of standard photocoagulation
 - Reduces thermal spread by confining heat to the target area¹

Ergonomic and Easy to Use

- Convenient 3-knob control console
- Programmable memory presets

Optional Accessories

- **Full-Featured Remote Control**
 - Compact design for easy placement or use in sterile field
 - View displays and adjust parameters from 2 vantage points for increased convenience and efficiency
- **Wireless Footswitch**
 - No cord, no clutter, no limitations
 - Allows precise physician control over power settings
 - Available with power-adjust to control laser actuation and power settings

 **MicroPulse**
First, do no harm



IRIDEX

Elegantly simple solutions™

IQ 532™ Laser System

Specifications

Wavelength:	532 nm Green
Weight:	19.2 lb (9.0 kg)
Dimensions:	8.5" H x 12" W x 14" D (21 cm x 30 cm x 35 cm)
Connector Type:	RFID Resistor
Electrical:	100–240 VAC , 50/60 Hz
Cooling:	Whisper fan
Exposure Duration:	CW-Pulse™: 10–3000 ms
Exposure Interval:	CW-Pulse: 10–3000 ms
MicroPulse™ Duration:	MicroPulse: 0.05–1.00 ms  MicroPulse
MicroPulse Interval:	MicroPulse: 1.00–10.00 ms
Aiming Laser:	Diode laser, 635 nm nominal
Delivery Device	Portable SLA: 0–1800 mW
Power Output:	LIO: 0–2000 mW EndoProbe®: 0–2000 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: 5,372,595; 5,511,085; 5,521,932; 5,663,979; 5,982,789; 5,979,554; 6,141,143; 6,144,484; 6,222,869; 6,327,291; 6,377,599; 6,540,391; 6,733,490; 6,800,076; 7,537,593; 7,766,904; 7,771,417; and 7,909,816. Other U.S. and international patents pending.

 Emergo Europe
Molenstraat 15, 2513 BH The Hague, The Netherlands, Tel.: (31) (0) 70 345-8570, Fax: (31) (0) 70 346-7299



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