

IQ 532™ Laser for ENT

The Advantages of Innovation

- 2500 mW of deliverable laser power
- Pulse durations from 10 - 3000 ms offer treatment flexibility
- Intuitive graphic touch screen interface with high contrast color display
- Voice confirmation to aid surgical technique when using an IRIDEX wireless footswitch
- Multifunctional device offers solutions for ENT surgeons and ophthalmologists
- Portable and sleek design provides easy transport between treatment rooms

Optional XP Module with Highest Power Capability

- XP doubles the power of the standard IQ 532 to 5000 mW of laser power
- Higher irradiance allows for shorter pulse durations to confine thermal effects to targeted tissues
- High power facilitates the rapid treatment of large area targets

Clinical Advantages of 532 nm¹⁻⁵

- Offers precise soft tissue interaction with minimum collateral damage
- Provides effective coagulation with excellent hemostasis
- Tissue penetration is ideal for microvascular laryngeal lesions

Delivery Devices

- OtoProbe™ for delivery of laser energy during procedures such as stapedectomy and stapedotomy
- FlexFiber™ for effective treatment of soft tissue/vascular lesions of the airway and larynx

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
- **Eye safety filters for microscope use**
 - Superior color balance and brightness
 - Compatible with standard Leica, Zeiss, Topcon, Wild, and Möller-Wedel microscopes



IQ 532™ for ENT

Specifications

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|---------------------------|--|
| Weight: | 19.2 lb (9.0 kg) |
| Dimensions: | 8" H x 12" W x 13" D (20 cm x 30 cm x 32 cm) |
| Electrical: | 100–240 VAC, 50–60 Hz |
| Cooling: | On-demand whisper fan |
| Wavelength: | 532 nm Green |
| Exposure Duration: | 10–3000 ms |
| Repeat Interval: | 10–3000 ms |
| Aiming Laser: | Diode laser, 635 nm nominal |
| Delivery Device | OtoProbe: 0–2500 mW |
| Power Output: | (XP Module: 0–5000 mW) FlexFiber: 0–2500 mW (XP Module: 0–5000 mW) |

References:

1. Zeitels SM, et al. Ann Otol Rhinol Laryngol 2006
2. Burns JA, et al. Laryngoscope 2007
3. Zeitels SM, et al. Ann Otol Rhinol Laryngol 2006
4. Hirano S, et al. Ann Otol Rhinol Laryngol 2006
5. Hsiung MW, et al. Ann Otol Rhinol Laryngol 2003



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Products are covered by one or more of the following U.S. patents: 5,372,595; 5,511,085; 5,982,789; 6,327,291; 6,540,391; 6,733,940; and 7,909,816.

Other U.S. and International patents pending.

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