

# IPL Quantum™

Intense Pulsed Light and Laser Technology

## One System, Multiple Applications



Specifications	SR	DL	HR	QS
Light Source	IPL	Nd:YAG Laser	IPL	Nd:YAG Laser
Standard Spectrum	560-1200 nm	1064 nm	695-1200 nm	1064 nm
Optional Spectra	590-1200 nm 640-1200 nm	—	645-1200 nm 755-1200 nm	—
Fluence	15-45 J/cm <sup>2</sup>	90-150 J/cm <sup>2</sup>	20-45 J/cm <sup>2</sup>	2-12.7 J/cm <sup>2</sup>
Pulse Duration	6-26 ms	5-38 ms	6-18 ms	6-8 ms
Pulse Delays	5-60 ms	5-100 ms	10-150 ms	—
Spot Size	34 x 8 mm	6 mm	34 x 8 mm	2, 2.5, 3.5 and 5 mm
Repetition Rate	0.5 Hz	0.5 Hz	0.5 Hz	Up to 5 Hz
Integrated Skin Cooler	Yes	Yes	Yes	No
Electrical Requirements	200-240 VAC +/- 10%, 16A, 50-60 Hz, Dedicated line			
Physical Dimensions (H x W x D)	100 cm x 40 cm x 40 cm; 39 in x 16 in x 16 in			
Weight	75 kg or 165 lb			

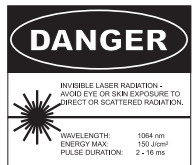


# IPL Quantum™



## Intense Pulsed Light and Laser System

Versatile, Upgradable, Multi-Application System



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# IPL® Quantum™

Intense Pulsed Light and Laser Technology

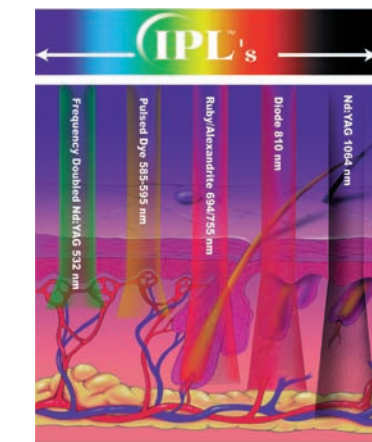
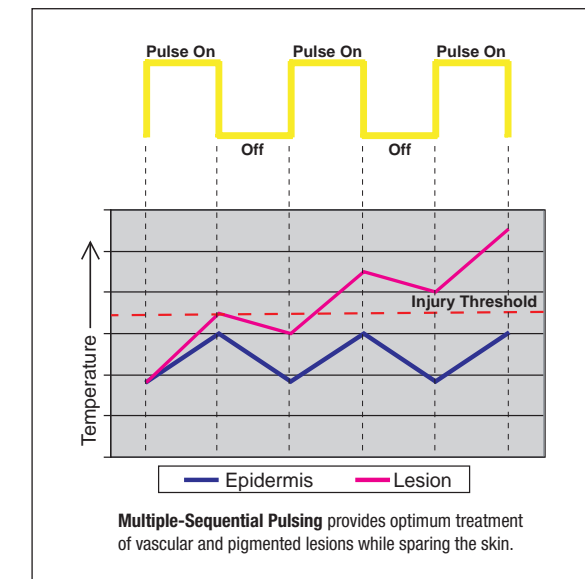
## From the Inventors

**IPL Technology proven in over 10 years of clinical use.** Lumenis pioneered and perfected IPL.

While some competitive products are similar to our earlier generations, Lumenis IPL has evolved well beyond these technologies. Lumenis provides the most advanced technology and the confidence of over 10 years of clinically proven efficacy.

## A Winning Combination

**Multiple-Sequential Pulsing** using a broad spectrum of light



Patented advanced technology supplies a unique high powered broad spectrum of light. Quantum provides the flexibility of IPL with the intensity and optimized results only possible with high peak powers—usually afforded only by lasers.

## True Versatility

**One System, Multiple Applications...** the flexibility to customize your system to grow with your practice needs



Three months post 3 IPL treatments – Robert A. Weiss, MD

### IPL Quantum SR

IPL Skin Treatments Using Photorejuvenation

- IPL Quantum SR offers patients a remarkable treatment for telangiectasias, broken capillaries and benign brown pigmentation from sun damage and photoaging – restores a youthful texture and uniform tone to the entire face.
- Provides a smoother, brighter appearance in a series of 4–6 treatments
  - No downtime—patients can resume normal activities immediately
  - Treats the entire face for an even and satisfying effect
  - Contact cooling for maximum safety and patient comfort



Three weeks post 1 laser and 3 IPL treatments – Mark Troxler, MD

### IPL Quantum DL

1064 nm Nd:YAG Laser to Treat Leg Veins and Benign Cutaneous Vascular Lesions

- IPL Quantum DL combines the ideal laser wavelength with the most flexible parameters – treats a broad range of vessels from tiny spider veins to deep blue reticular veins quickly, safely and effectively.
- Proven, highly effective Nd:YAG technology for the treatment of leg veins up to 4.0 mm in diameter
  - Integrated contact cooling for maximum safety and comfort
  - Multiple-Sequential Pulsing for optimal efficacy and skin protection



Nine months post 6 IPL treatments – Franklin Johnson, MD

### IPL Quantum HR Upgrade

IPL Hair Removal and Permanent Hair Reduction

- Wavelengths in the red to near infrared part of the spectrum offer patients a proven method for achieving permanent hair reduction – on all skin types and nearly every hair color.
- Adds the versatility of permanent hair reduction to the IPL Quantum system
  - Multi-wavelength and broad pulse widths allow safe and effective hair removal on all skin types (Fitzpatrick I-VI) and pseudofolliculitis barbae (PFB)
  - Treats all body areas, hair depths and a broad spectrum of hair colors
  - High speed, large spot-size system supports high patient throughput



Four weeks post 6 Q-Switched Nd:YAG treatments – Moshe Lapidot, MD

### IPL Quantum QS Upgrade

Q-Switched 1064 nm Nd:YAG Laser to Treat Tattoos and Benign Pigmented Lesions

- Ultrashort, high peak-power nanosecond pulses fragment tattoo pigment particles allowing safe removal by the body's natural healing processes.
- State-of-the-art laser technology for the safe and effective removal of dark tattoos and benign pigmented lesions
  - Added versatility for the growing laser tattoo-removal market