

LIGHTING THE PATH TO HEALTH

Brightly engineered, smartly designed, future-minded. Every detail is thought of to elevate workflow. Created to increase usability, efficiency, and comfort, Digital Duet/Trio marks the future of laser therapy.

SEE THE FUTURE OF LASER THERAPY CLEARLY

Lumenis has been at the forefront of the laser therapy field. Now, with the enhanced Digital Duet/Trio, Lumenis redefines itself as the guiding light – always a step ahead, setting new standards of excellence. With 50+ years of experience, and as the first company to bring an all-in-one digital SLT/YAG platform to your practice, Lumenis continues that long tradition of offering superior products today and pioneering the next evolution of products for tomorrow.

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DIGITAL duet DIGITAL trio

Digital Duet/Trio Specs (SLT and YAG)

	YAG Photodisruptor Mode	SLT Mode
Laser Source	Q-Switched Nd:YAG	Q-Switched, frequency doubled Nd:YAG
Wavelength	1064 nm	532 nm
Energy	0.3 - 10 mJ per pulse	0.3 - 2.0 mJ per pulse, continuously variable in 0.1 mJ increments
Pulse Duration	3 ns	3 ns
Burst Mode	1, 2, or 3 pulses per burst (selectable)	Single pulse
Spot Size	8 µm	400 µm
Cone Angle	16 degrees	< 3 degrees
Posterior Offset	0 - 350 µm (continuously variable)	Not applicable
Repetition Rate	3 Hz (in single burst)	3 Hz
Aiming Beam	Red diode, continuously variable with adjustable intensity	Red diode, continuously variable with adjustable intensity
Cooling	Air cooled	Air cooled
Electrical Requirements	100 -240 VAC, 50/60 Hz, 3.15 Amps	100 -240 VAC, 50/60 Hz, 3.15 Amps
CDRH Classification	FDA IIIb	FDA IIIb
Digital Camera	High Definition (HD) Camera	High Definition (HD) Camera
Smart Selecta Duet Table	Wheelchair accessible; Table height, 945 mm max, 695 mm min; travel ~250 mm (37.8 in max, 27.4 in min, travel ~10.4 in); Table width Small: 630 mm (24.8 in) Medium: 880 mm (34.5 in); Table depth Small: 400 mm (15.7 in) Medium: 450 mm (17.8 in); Table wheel base Small: 520 mm x 440 mm (20.4 in x 17.2 in); Medium: 460 mm x 830 mm (18.1 in x 32.7 in); Total system weight <60 kg	

Additional Trio Specs (Smart532)

Wavelength	532 nm green
Weight	4 kg (8.82 lbs)
Dimensions	263 mm L x 295 mm W x 137 mm H (10.4 in x 11.6 in x 5.4 in)
Dual Port	FC and SMA connectors, resistor type
Power Requirements	100-240 VAC, 50/60 Hz, single phase
Cooling System	Air/TEC cooled
CW Pulse Duration	5 ms - 3,000 ms
CW Pulse Interval	10 ms - 1,500 ms or single pulse
SmartPulse™ Duration	0.05 ms - 0.5 ms
SmartPulse™ Interval	Derived from duration and duty cycle configurations and cannot be adjusted directly
Duty Cycle	5% / 10% / 15%
Aiming Beam Laser	Diode laser, 635 nm nominal; Intensity: 5 levels up to 1 mW
System Power Output	0 - 1,800 mW

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lumenis.com/digital-duet/
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Risk and warnings: Digital Duet/Trio are intended for use by trained physicians. For all indications, use is contraindicated when media opacities interfere with clear visualization. Selective laser Trabeculoplasty is contraindicated for eyes with neovascular or angle-closure glaucoma; risks include but not limited to iritis and transient IOP rise. Posterior Capsulotomy is contraindicated for eyes with extensive corneal dystrophy and chronically elevated IOP; risks include but not limited to include IOP rise, rupture of the hyaloid face, retinal damage, and uveitis. Iridotomy is contraindicated for eyes without pupillary block; risks include but not limited to include transient elevation of IOP, hyphemia, and damage to the lens/retina/choroid. Inadvertent photocoagulation with Smart532, especially close to the fovea or the optic nerve head, can cause permanent visual loss. Major retinal vessels should be avoided. For a complete list of contraindications and risks, refer to the operator manuals.

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Rx ONLY



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SEE CLEARLY

A CLEAR OPPORTUNITY TO SCALE

At any point of your professional journey, Digital Duet empowers you through ease of use, creating opportunities to expand your scope of practice.

Introducing the first and only all-in-one digital combined YAG/SLT ophthalmic laser platform, that opens the door to a new era in laser therapy – one where documentation, live viewing and seamless integrated connectivity become the cornerstone of care.

Grow your practice with the dual platform that enables long-term rising excellence. Reach wider audiences by boosting efficiency, precision, and workflow.

ENLIGHTENING EDUCATION

MAKE KNOWLEDGE YOUR EDGE

Digital Duet sheds a bright light on laser therapy, enabling you to consistently raise the bar for your peers and students, and empower them.

Digital Duet changes the way knowledge is shared in the professional community, making studies, lectures, and demonstrations faster and easier, and promoting superior training for new doctors.

SEE YOUR PATIENTS CLEARLY

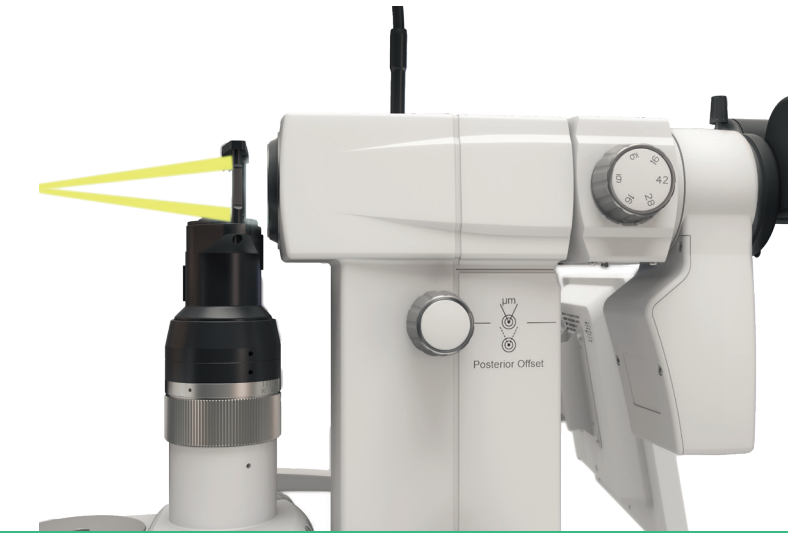
SLT is the #1 choice for first-line glaucoma treatment compared to drops¹. Lumenis state-of-the-art optics, and the super-gaussian beam profile enabling the same photodisruptive effect with safer and lower total energy² to the patient.

- Enhance your patients' comfort with transparent and comprehensive communication about their condition and therapy through the advanced live video demonstration and documentation features, and establish long-term relationships, trust and patient retention.
- Digital Duet is ADA-approved and is the optimal wheelchair-accessible solution.

1. Gazzard G, Konstantakopoulou E, Garway-Heath D, et. al. Selective laser trabeculoplasty versus eye drops for first-line treatment of ocular hypertension and glaucoma (LiGHT): a multicentre randomised controlled trial. Lancet. 2019;393 (10180):1505-1516.
2. Comparing to fundamental YAG laser and other multi-mode lasers

LUMENIS SMART V TECHNOLOGY

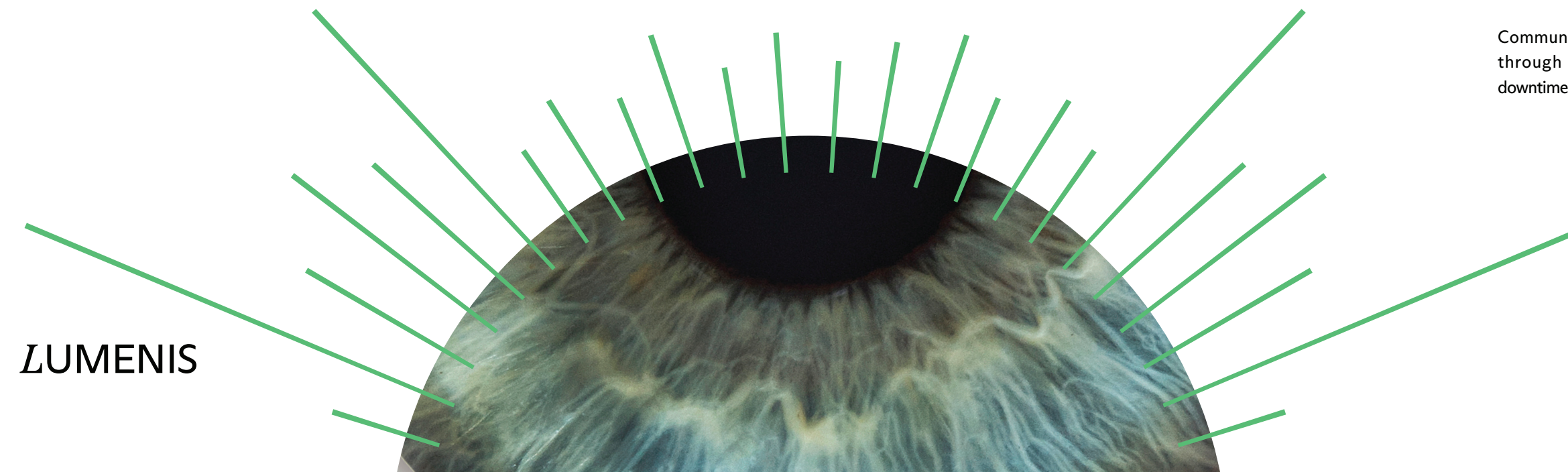
- Titratable on-axis/off-axis illumination
- Increased visualization during posterior capsulotomy and laser peripheral iridotomy (LPI)
- Illumination of vitreous opacities
- Optimized control of red-reflex



DIGITAL trio

Digital Trio includes a retinal care photocoagulator, Smart532, with SmartPulse sub-threshold technology, ensuring efficacy, and minimizing collateral damage.

This all-in-one solution allows physicians to expand retina treatments as well as to further optimize iridotomy.



Capture digital images and videos (including crisp voice recording) before, during, and after the treatment. With CPT codes for imaging, practices are also given an additional revenue stream opportunity.



Enable technological leadership with the first and only digital SLT+YAG device, featuring an HD camera, touch screen, and a best-in-class “smart-phone” user interface.



Communicate with Lumenis' expert engineers through remote support, to ensure minimal downtime and optimal focus on your clinical practice.



Streamline workflow and optimize practice efficiency through the automated export of images, videos, and reports directly to your EMR system*. Also, email export support is available for images and reports.



Provide safe and efficient treatment through advanced optics and super-gaussian beam profile (a lower optical breakdown).



Generate automated, detailed, and personalized treatment reports that allow you to minimize staff and administrative time.

* Connectivity is through a repository folder with a compatible format between the Digital Duet/Trio device and most EMR systems.

