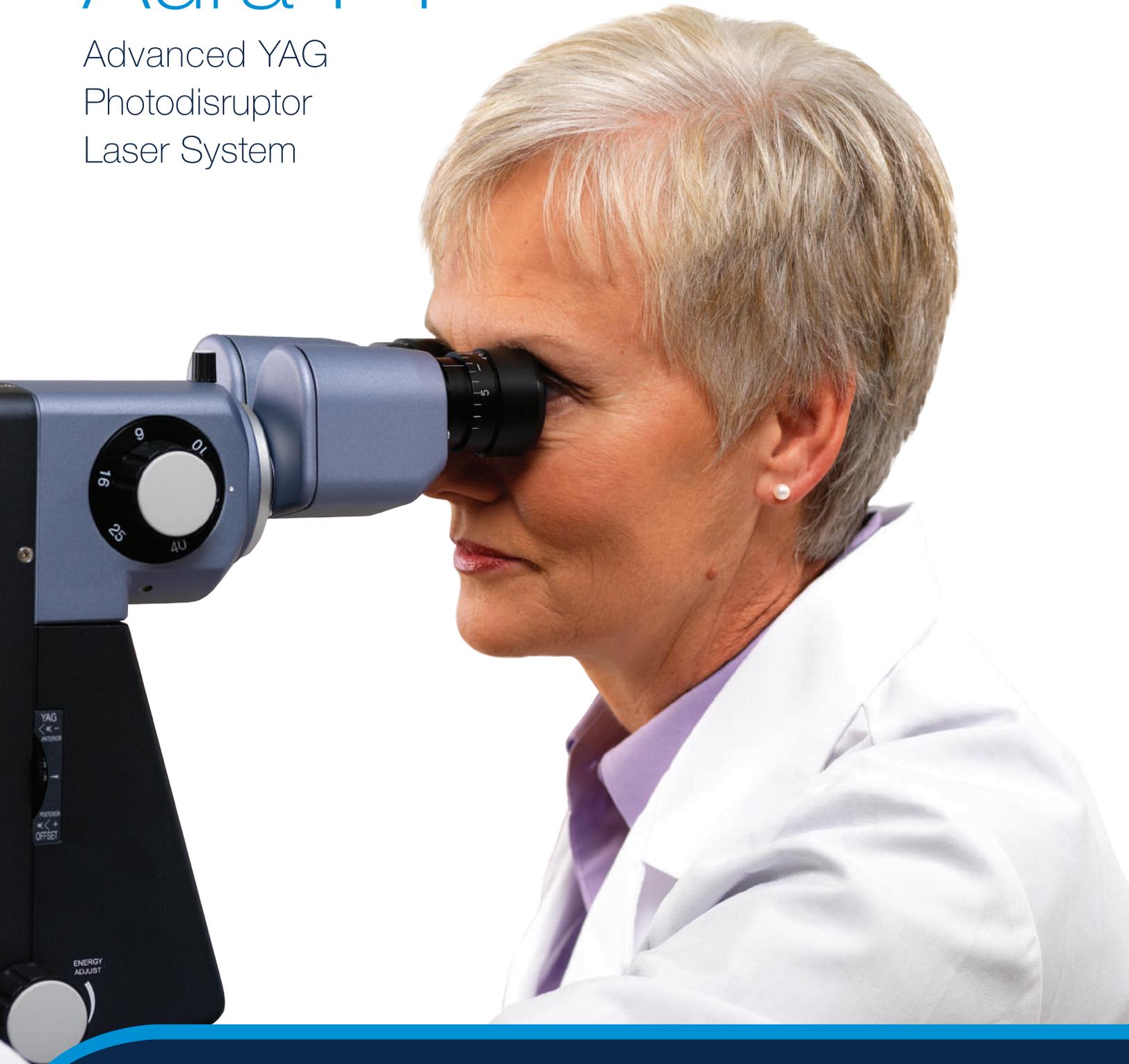


Aura PT

Advanced YAG
Photodisruptor
Laser System



Enhanced Patient Safety; Superior Technical Design

Aura®PT™ YAG photodisruptor laser system represents Lumenis' preferred product for anterior-segment procedures, such as laser iridotomy and capsulotomy. The Aura PT includes advanced specifications which make the treatment fast and accurate for excellent patient care.

Designed to be safe and easy to use, the Aura PT is the result of years of engineering and manufacturing expertise. It has advanced features, such as 16 degree cone angle, precision optics, adjustable posterior and anterior offset, high repetition rate and variable burst modes. This allows you to perform

capsulotomies on all types of intraocular lenses (IOL) with very low risk of lens pitting.

In addition, the superior laser cavity design enables more efficient tissue cutting at lower power and with fewer shots.

The Aura PT was designed with the busy, multi-physician practice, surgery center and outpatient clinic in mind. It truly offers ophthalmologists a YAG photodisruptor that is exceptionally robust and affordably priced.

Advanced Adjustable Offset

The Lumenis Aura PT features two defocus positions that can easily be changed with a roll of your finger, allowing for easy and safe focus correction exactly in front of, behind or precisely at the plasma break point.

With an adjustable laser focal point of up to 500 µm anterior or posterior to the aiming beam, the Aura PT offers a high flexibility rate. This allows ophthalmologists to treat patients on a case-by-case basis with more accuracy, precision and safety than even before.

Such flexibility allows customization of the procedure based on each patient's IOL type and the type of the treatment performed.

This significantly reduces the risk of lens damage when treating anterior or posterior to the IOL or faster and safer results when performing iridotomy.

Lumenis Ophthalmology Your Preferred Partner

Lumenis Ophthalmology is one of the world leading companies in non-refractive ophthalmic lasers. It offers a wide range of products with an unparalleled product support system. Lumenis has comprehensive global installed-base and is highly oriented to keep investing in research and development.

Since introducing the first laser photocoagulator to ophthalmology in 1970, Lumenis has focused on providing

ophthalmologists with innovative laser therapies to preserve and improve the sight of patients worldwide.

Lumenis Ophthalmology is renowned for technological breakthroughs and a long list of industry gold standards. Our company pioneered the first argon laser photocoagulator for ophthalmology; the first approved marketer of Nd:YAG photodisruptor lasers; developed and introduced the breakthrough technology of multicolor photocoagulation

Optimal Energy Placement

The Aura's beam profile, laser cavity design and precision optics ensure low-energy plasma formation and minimal trauma to the eye. The unit's sophisticated focusing system ensures superior accuracy in energy placement when firing the laser, resulting in a gentler and highly-accurate outcome.

Enhanced Slit Lamp Optics

Advanced precision optics offer maximum visibility for more precise diagnosis and treatment. The Lumenis Converging Optical System - specifically designed for anterior segment procedures - ensures clearer visualization and greater comfort for the treating physician, even during extended procedures.

Improved Design

The Aura's compact and lightweight design optimizes the physician's working space, without compromising on the patient's comfort. A user-friendly control panel offers ready access to all operations and facilitates easy control over all system parameters. The ergonomically designed joystick with EZgrip™ coating provides you with full control of the device while fitting comfortably in your hand. The unit is operated through a laser-fire switch, conveniently integrated into the controlling joystick.

Fast Operation and Flexible Settings

With a 2.5 Hz repetition rate, the Aura is one of the fastest YAG Photodisruptors currently available in the market. Together with adjustable energy levels of 0.2 - 10 mJ, tissue disruption is faster and more accurate than ever before.



along with the world's first Laser Indirect Ophthalmoscope (LIO); developed and brought to market the revolutionary SLT technology for managing POAG; and more.

Today, Lumenis Ophthalmology offers you the confidence of doing business with a company that is truly committed to ophthalmology and to meeting your needs.

Risks and warnings: Aura PT is intended solely for use by trained physicians. It is contraindicated for eyes with corneal pathologies and chronically elevated IOP. Risks include IOP rise, macular edema and retinal detachment. Refer to the operator manual for a complete list of intended use, contraindications and risks.

Aura PT Specifications

| | |
|----------------------|--|
| Treatment Laser Type | Nd:YAG |
| Wavelength | 1064 nm |
| Mode | Fundamental Q-Switched |
| Energy | Continuously adjustable from 0.2 to 10 mJ |
| Spot Size | 8 µm |
| Burst Mode | 1, 2, 3 pulses each burst; separation between pulses is 20 µs |
| Pulse Width | 4 nanoseconds (typical) |
| Repetition Rate | 2.5 Hz |
| YAG Offset Focus | Continuously variable from anterior (-)500 µm to posterior (+)500 µm; detent steps @ 0, 150, 250, 500 µm |
| Focal Length | 107 mm |
| Cone Angle | 16° |
| Magnification | 5 steps: 6x, 10x, 16x, 25x, 40x |
| Slit Lamp | CSO SL 950 |
| Aiming Beam Laser | Dual beam 635 nm diode continuously variable intensity to 200 µW |
| Electrical Power | 100V - 240V AC, 50/60 Hz |
| Cooling System | Air Convection |
| Dimensions | 52 cm x 32 cm x 45 cm; 20.5 in x 12.5 in x 17.7 in (H x W x D) |
| Weight | 21 kg or 46.3 lb (system); 28 kg or 61.7 lb (packed) |

Lumenis® Certified Service | USA Toll-free 1-877-LUMENIS (1-877-586-3647)

 Manufactured by Lumenis Inc.
1870 South Milestone Drive
Salt Lake City, UT 84104 USA
Tel +801-656-2300
Fax +801-656-2429

 Lumenis (Germany) GmbH
Heinrich-Hertz-Str 3 D-63303
Dreieich-Dreieichenhain
GERMANY
Tel +49 (0) 6103 8335 0

AMERICAS
San Jose, CA, USA
Tel +1 408 764 3000
+1 877 586 3647
Fax +1 408 764 3999

EMEA
Dreieich Dreieichenhain,
Germany
Tel +49 6103 8335 0
Fax +49 6103 8335 300
Roma (RM), Italy
Tel +39 06 90 75 230
Fax +39 06 90 75 269
Hertfordshire, UK
Tel +44 20 8736 4110
Fax +44 20 8736 4119

JAPAN
Tokyo, Japan
Tel +81 3 4431 8300
Fax +81 3 4431 8301

ASIA / PACIFIC
Beijing, China
Tel +86 10 5737 6677
Gurgaon, India
Tel +91 124 422 07 95
Kowloon, Hong Kong
Tel +852 217 428 00
Fax +852 272 251 51



ISO 13485 CERTIFIED

www.lumenis.com/Ophthalmology

© 2017 All Rights Reserved. The Lumenis Group of Companies. Lumenis, its logo, Aura PT are trademarks or registered trademarks of the Lumenis Group of companies. Product specifications are subject to change without notice. PB-1036870 Rev. D

