



## Premier Ophthalmic Endo-Photocoagulation Laser Probes



Consistency | Performance | Value



# LumeProbe Product Family

## Delivering Consistency, Performance and Value!

At Lumenis, we truly understand retinal photocoagulation technology; that is after all only one of the privileges reserved for the company that pioneered the first argon laser photocoagulator for ophthalmology.

Our newest line of premium ophthalmic endo-photocoagulation laser probes was designed with the retina specialist in mind. Advanced manufacturing practices, unique fiber polishing techniques and uncompromising quality assurance methodologies deliver product performance & reliability second to none. Furthermore, elements of ergonomics incorporated into the design of the LumeProbe hand-piece provide you with proprietary advantages of comfortable grip and easier guidance towards the treatment site throughout the laser procedure.

Based on over 25 years of laser probes manufacturing expertise, the LumeProbe product family was designed to deliver laser energy in the safest and most efficient manner, guaranteeing optimal clinical outcome for all relevant viteroretinal indications.

## The LumeProbe Advantage

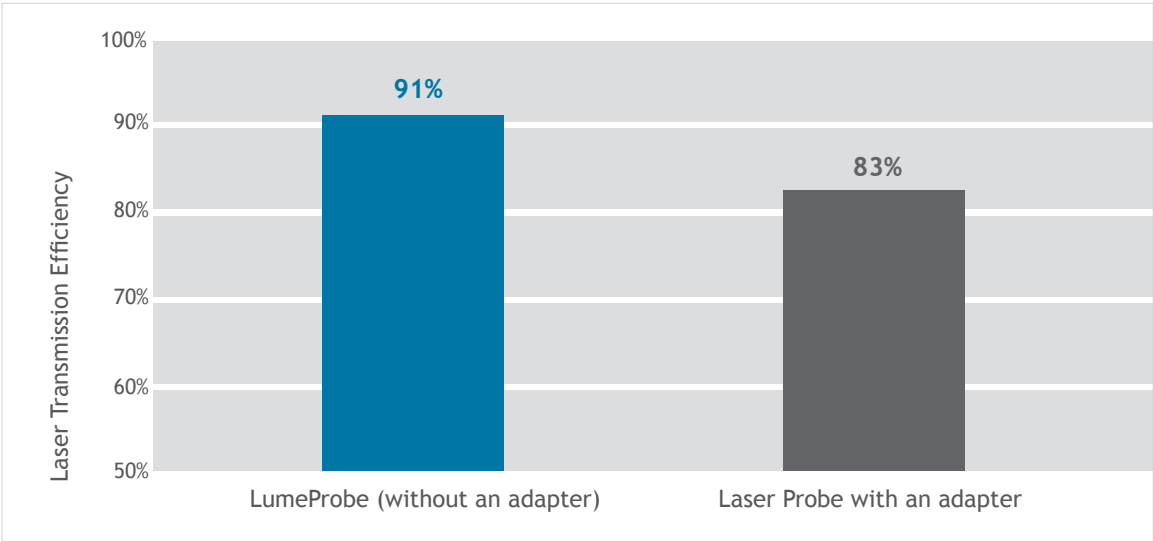
### Concentric Laser Burns

Advanced optics and laser delivery technology, coupled with sophisticated fiber polishing techniques, deliver concentric laser burns and uniform energy distribution across the entire laser spot area, for more precise and safer treatment. The result is a homogenous laser spot with evenly distributed power across the entire spot, eliminating the potential risk for the formation of “hot spots”.

### Optimized Energy Transmission

Each LumeProbe was designed to be connected directly to a compatible laser port. In light of that, the LumeProbes do not require special adapters when being used with any SMA 905- or 906 connector-based devices, thereby eliminating laser transmission inefficiencies. Connecting the LumeProbe directly into the laser port without the need for an adapter ensures enhanced laser transmission efficiency of **more than 8%** compared to using a laser probe which requires an adapter.

Effect of Connecting Adapter on Transmission Efficiency



## Enhanced Safety

The ability to connect the LumeProbe directly into the laser console also delivers two key safety elements during each and every procedure:

- a. Laser parameters and power calibration remain valid throughout the procedure.
- b. Optimized energy transmission ensures the integrity of the probe’s protective polymer coating along with the adhesive bonding between the laser optical fiber and the hand-piece.

## Reliability & Predictability

Advanced laser probes manufacturing techniques and sophisticated quality-assurance methodologies which are based on over 25 years of experience provide you with product reliability and predictability you can count on from case to case. The LumeProbe product family was designed to deliver the results you come to rely on and expect from a premium product in order to achieve optimal clinical outcomes time and again.

## Meeting Your Needs

The LumeProbe product family consists of comprehensive and wide selection of ophthalmic endo-photocoagulation probes to meet every clinical need and indication. These include standard, straight, curved, aspirating, illuminating and stepped in 20, 23 and 25 gauge sizes, among others.

Type	Features and Benefits
<b>Straight</b> (standard laser probe)	<ul style="list-style-type: none"><li>· Basic endophotocoagulator for non-peripheral retinal locations</li><li>· Most efficient delivery of thermal energy</li><li>· Ease of entry through small gauge cannulas</li></ul>
<b>Curved &amp; Stepped</b> (versatile)	<ul style="list-style-type: none"><li>· Tapered curved for ease of entry through small gauge cannulas</li><li>· Unique curve for efficient spot placement at far peripheral locations</li><li>· Versatile for central or peripheral use</li></ul>
<b>Illuminated</b> (enhanced visualization and multifunctional)	<ul style="list-style-type: none"><li>· Provides direct illumination for optimal visualization of retinal tears in the far periphery</li><li>· Allows direct visualization from a single probe during scleral depression</li></ul>
<b>Aspirating</b> (multifunctional)	<ul style="list-style-type: none"><li>· A dual-purpose instrument provides the surgeon with higher efficiency during the procedure</li><li>· Aspiration capabilities allow the surgeon to manage retinal fluids more efficiently</li><li>· Both passive or active aspiration capabilities provide the surgeon with more options</li></ul>

## 23 & 25 gauge Advantage

The LumeProbe 23 and 25 gauge selection provides you with the benefits of a less invasive procedure without compromising on the rigidity and stability of the probe during the operation.

## LumeProbe 905 Selection SMA-905 Connector

Part Number	Description	UOM
GA-0040026	20 Gauge, Soft Tip Aspirating Laser Probe with SMA905 connector, 10 PACK	Pack/10
GA-0040027	23 Gauge, Endo Ocular Curved Laser Probe with SMA905 connector, 10 PACK	Pack/10
GA-0040028	20 Gauge, Endo Ocular Curved Laser Probe with SMA905 connector, 10 PACK	Pack/10
GA-0040029	23 Gauge, Endo Ocular Illuminating Curved Laser Probe with SMA905 connector, 10 PACK	Pack/10
GA-0040030	23 Gauge, Endo Ocular Illuminating Straight Laser Probe with SMA905 connector, 10 PACK	Pack/10
GA-0040031	25 Gauge, Endo Ocular Illuminating Curved Laser Probe with SMA905 connector, 10 PACK	Pack/10
GA-0040032	25 Gauge, Endo Ocular Illuminating Straight Laser Probe with SMA905 connector, 10 PACK	Pack/10
GA-0040032	25 Gauge, Endo Ocular Illuminating Straight Laser Probe with SMA905 connector, 10 PACK	Pack/10
GA-0040033	25 Gauge, Endo Ocular Curved Laser Probe with SMA905 connector, 10 PACK	Pack/10
GA-0040034	25 Gauge, Endo Ocular Straight Laser Probe with SMA905 connector, 10 PACK	Pack/10
GA-0040035	23 Gauge, Endo Ocular Straight Laser Probe with SMA905 connector, 10 PACK	Pack/10
GA-0040036	20 Gauge, Endo Ocular Illuminating Straight Laser Probe with SMA905 connector, 10 PACK	Pack/10
GA-0040037	20 Gauge, Endo Ocular Illuminating Curved Laser Probe with SMA905 connector, 10 PACK	Pack/10
GA-0040038	20 Gauge, Endo Ocular Straight Laser Probe with SMA905 connector, 10 PACK	Pack/10

## LumeProbe 906 Selection SMA-906 Connector

Part Number	Description	UOM
GA-0040039	20 Gauge, Soft Tip Aspirating Laser Probe with SMA906 connector, 10 PACK	Pack/10
GA-0040040	23 Gauge, Endo Ocular Curved Laser Probe with SMA906 connector, 10 PACK	Pack/10
GA-0040041	20 Gauge, Endo Ocular Curved Laser Probe with SMA906 connector, 10 PACK	Pack/10
GA-0040042	23 Gauge, Endo Ocular Illuminating Curved Laser Probe with SMA906 connector, 10 PACK	Pack/10
GA-0040043	23 Gauge, Endo Ocular Illuminating Straight Laser Probe with SMA906 connector, 10 PACK	Pack/10
GA-0040044	25 Gauge, Endo Ocular Illuminating Curved Laser Probe with SMA906 connector, 10 PACK	Pack/10
GA-0040045	25 Gauge, Endo Ocular Illuminating Straight Laser Probe with SMA906 connector, 10 PACK	Pack/10
GA-0040046	25 Gauge, Endo Ocular Curved Laser Probe with SMA906 connector, 10 PACK	Pack/10
GA-0040047	25 Gauge, Endo Ocular Straight Laser Probe with SMA906 connector, 10 PACK	Pack/10
GA-0040048	23 Gauge, Endo Ocular Straight Laser Probe with SMA906 connector, 10 PACK	Pack/10
GA-0040049	20 Gauge, Endo Ocular Illuminating Straight Laser Probe with SMA906 connector, 10 PACK	Pack/10
GA-0040050	20 Gauge, Endo Ocular Illuminating Curved Laser Probe with SMA906 connector, 10 PACK	Pack/10
GA-0040051	20 Gauge, Endo Ocular Straight Laser Probe with SMA906 connector, 10 PACK	Pack/10

### Lumenis Global Sales Offices

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