

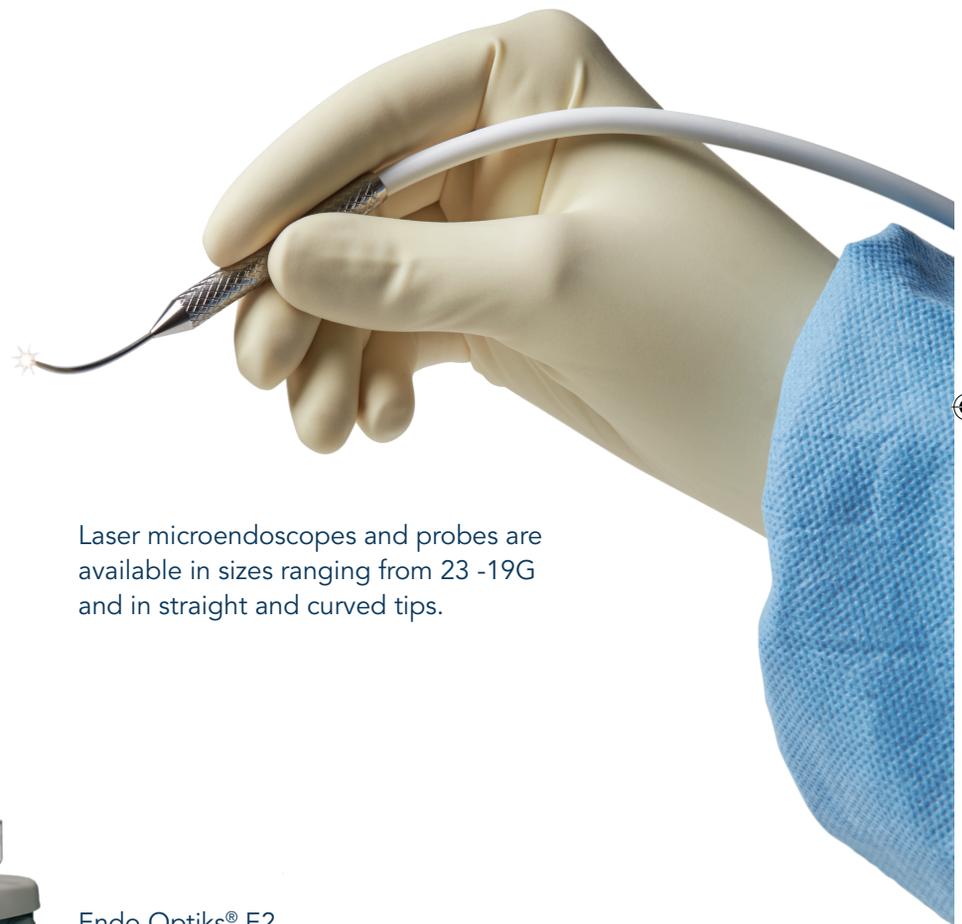


# BVI

## Endo Optiks® Laser Microendoscopy

### A New Surgical Perspective in Ophthalmology

BVI is proud to offer powerful solutions in laser and endoscopy for a wide variety of your surgical needs including Endoscopic Cyclophotocoagulation (ECP) for the treatment of glaucoma. Laser microendoscopy offers the unique opportunity to view inside of the eye and simultaneously treat in both anterior and posterior applications.



Laser microendoscopes and probes are available in sizes ranging from 23 -19G and in straight and curved tips.

Endo Optiks® E2

**Endo Optiks®**  
Microendoscopy

[bvimedical.com](http://bvimedical.com)  
[endooptiks.com](http://endooptiks.com)

# Endo Optiks® E4 Endoscopy System

## Wide-field Imaging and Illumination

The E4 system is a versatile tool that provides a comprehensive view of the anatomy of the eye. The endoscopic view provides the unique advantage of direct visualization during anterior and posterior segment surgeries. Examples include IOL and stent placement verification, dislocated lens and foreign body removal as well as examination of the peripheral retina, pars plana and ciliary processes. Coaxial imaging and illumination is especially valuable during routine vitrectomy.



## Widely Utilized

Has been embraced by surgeons across all specialties; Cataract, Glaucoma, Pediatric and Retina.

## Comprehensive View

Provides crucial visualization when treating areas of the eye that are otherwise inaccessible, thus optimizing surgical outcomes.

## Versatility

Connects to various video monitors, recorders and accessories.

## E4 Ophthalmic Laser Endoscopy System Features:

- 175 or 300 watt xenon light
- High resolution video camera
- Video outs to accessories
- Optional footswitch to control illumination
- Connection to various video monitors
- For use with our patented ophthalmic endoscopes and probes in either straight or curved designs

E4 Laser and Endoscopy System Components	SKU #
E4 Ophthalmic laser endoscopy system	OME4000
17k Pixel video adaptor (for use with 17k high resolution endoscope)	OME170ZMG
17 in Medical grade high resolution LCD flat screen, 1/Ea	MON007
Footswitch with illumination and laser control	SW002
Sterilization tray	VP6250
Flight case with built-in wheels and telescoping handle for E4 unit, 1/Ea	FC2720
Operating room system cart with integrated monitor arm	CT003

Wong, S.C., Lee, T.C., Heier, J.S., Ho, A.C., Endoscopic Vitrectomy. Current Opinion in Ophthalmology 2014, 25:195-206.

# Endo Optiks® E2 Endoscopy System

## Laser-Focused Solutions for Glaucoma Management

The E2 Ophthalmic Laser Endoscopy System offers a minimally invasive glaucoma surgery (MIGS) approach to glaucoma management using Endoscopic Cyclophotocoagulation (ECP) to lower your patients' intraocular pressure (IOP) and reduce the number of prescribed glaucoma medications.



## Clinical Efficacy

Over 6 years of clinical data has been reported proving that performing ECP in combination with cataract surgery will reduce your patients' IOP and the number of patient medications for long term eye health.

## Safe

The safety of ECP has been clinically demonstrated in treating various forms of glaucoma when performed along or in combination with phacoemulsification.

## Versatility

ECP is performed alone or in combination with phaco for mild, moderate or more severe forms of glaucoma.

## E2 Ophthalmic Laser Endoscopy System Features:

- 810nm diode laser, 1.2 watt output
- 175 or 300 watt xenon light
- High resolution video camera
- Footswitch to control laser and illumination intensity
- Connection to various video monitors
- Video outs to accessories
- For use with our patented ophthalmic laser endoscopes

E2 Laser and Endoscopy System Components	SKU #
E2 Compact microprobe laser and endoscopy system, 1/Ea	OME2000
17k Pixel video adapter (for use with 17k high resolution endoscopes)	OME170Z
17 in Medical grade high resolution LCD flat screen, 1/Ea	MON007
Footswitch for laser only	SW003
Sterilization tray	VP6250
Diode laser safety goggles	LG001
Flight case with built-in wheels and telescoping handle for E2 unit, 1/Ea	FC401655
Operating room system cart with integrated monitor arm	CT003

Francis, B. A., Kwon, J., Fellman, R., et. al. Endoscopic ophthalmic surgery of the anterior segment. Survey of Ophthalmology. Vol 59, No.2 March 2014. 217-231.

Khandan, S., Siegel, L., et. al. Long-term follow-up of combined phacoemulsification and endoscopic cyclophotocoagulation in the treatment of mild to moderate glaucoma. AGS 2017.

# Laser Microendoscopes

For more information on this product line and all additional available accessories, visit <https://www.bvimedical.com/brands/endo-optiks>

19 Gauge Endoscopes	SKU #
19G Ophthalmic laser endoscope, curved, high resolution	OME200SMAVA
19G Ophthalmic laser endoscope with custom laser connector, curved, high resolution	OME200SMAVA
19G Ophthalmic laser endoscope, straight, ultra high resolution	OME200SMAHRA
19G Ophthalmic laser endoscope with custom laser connector, straight, ultra high resolution	OME200SMAHRXA
19G Ophthalmic laser endoscope, curved, ultra high resolution	OME200SMAHRVA
19G Ophthalmic laser endoscope with custom laser connector, curved, ultra high resolution	OME200SMAHRXVA

20 Gauge Endoscopes	SKU #
20G Ophthalmic endoscope, straight, high resolution	OME200HRA
20G Ophthalmic laser endoscope, straight, high resolution	OME200SMAEA
20G Ophthalmic laser endoscope with custom laser connector, straight, high resolution	OME200SMAXA

23 Gauge Endoscopes	SKU #
23G Ophthalmic laser endoscope with custom laser connector, straight, high resolution	OME230SMAHRXA
23G Ophthalmic endoscope, straight, high resolution	OME230HRA

FOR COMPLETE PRODUCT INSTRUCTIONS, PLEASE REFER TO THE BVI IFU OR PRODUCT INSERT

Questions: [bvimedical.com/customer-support](https://www.bvimedical.com/customer-support)



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