
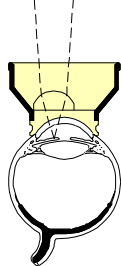


## Ocular Wise Iridotomy-Sphincterotomy Laser Lens

	<b>Product Code</b>	<b>Image Mag</b>	<b>Laser Spot Mag</b>	<b>Contact OD</b>	<b>Lens Height</b>	<i>Designed with:</i> James B. Wise, M.D., Oklahoma City, OK  <i>Reference:</i> AJO, Vol. 101, No. 5, p. 546, May 1986 Ophthalmic Surgery, Vol. 27, No. 3, p. 209, March 1996	
	<b>OWISA</b> CE	2.6x	.38x	15.5mm	15mm		

### Design

- § The Wise Iridotomy-Sphincterotomy Laser Lens features a 9.0mm diameter 103 Diopter magnification button lens strategically aligned to facilitate the optimum in small spot laser delivery.
- § As compared to the Abraham Lens, this lens increases efficiency of iris perforation with less energy and shorter burn duration, even on very thick brown or light blue irides.
- § As can be seen on the chart, the Wise Lens greatly reduces energy density at the cornea and retina, thus significantly reducing risk of corneal burn and damage to the retina.
- § The anti-reflective coating maximizes laser beam transmission and minimizes reflections.
- § The wise Lens can be used for Argon, diode or Nd: YAG laser procedures.

#### Comparison of Laser Beam Diameters

<i>Focused at the iris. Laser beam convergence angle in air calculated at 8.5°</i>	Goldmann Fundus Lens	Abraham Iridectomy Lens	Wise Lens
Iris	.053	.032	.019
Cornea	.312	.520	1.020
Retina	2.180	3.600	7.140
Note	A laser with a 30 micron setting would produce an iris spot size of 11 microns.		

### Cleaning & Disinfection

See Cleaning Method 1



2255 116th Ave NE, Bellevue, Washington 98004-3039 USA  
 T: 425-455-5200 or 800-888-6616 F: 425-462-6669  
 E: [ocular@ocularinc.com](mailto:ocular@ocularinc.com) I: [www.ocularinc.com](http://www.ocularinc.com)

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