
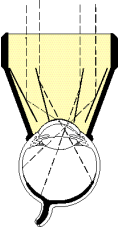


## Ocular Karickhoff Diagnostic/Laser Lenses

| CE  | Product Code       | Style  | Image Mag | Laser Spot Mag | Contact OD | Lens Height | Static Gonio FOV |  |  |   |
|---|--------------------|--------|-----------|----------------|------------|-------------|------------------|--|--|---|
|  | <b>ARGON/DIODE</b> |        |           |                |            |             |                  |  | Designed with:<br>John R.<br>Karickhoff, M.D.,<br>Falls Church, VA |  |
|   | <b>OJKA</b>        |        | .93x      | 1.08x          | 15mm       | 21.1mm      | 170°             |  |  |   |
|   | <b>OJKFA</b>       | Flange | .93x      | 1.08x          | 15mm       | 19.3mm      | 170°             |  |  |   |
|   | <b>DIAGNOSTIC</b>  |        |           |                |            |             |                  |  |  |   |
|   | <b>OJK</b>         |        | .93x      | na             | 15mm       | 19.3mm      | 170°             |  |  |   |
| <b>OJKF</b>   | Flange             | .93x   | na        | 15mm           | 19.3mm     | 170°        |                  |  |  |   |

### Lens Design

- Karickhoff Diagnostic/Laser Lenses provide four mirror angles of 62°, 67°, 76° and 80° plus a central axis view.
- They have unique "Depth Dots" (one to four) marking each mirror at its base.
  - The 62° mirror (1 dot) is inclined to perform gonioscopy and photocoagulation of the chamber angle and to observe the peripheral fundus near the ora serrata.
  - The 67° mirror (2 dots) is inclined to observe from the equator to the mid ora serrata with some scleral depression.
  - The 76° mirror (3 dots) is inclined to observe the area of the mid equator to the mid peripheral field.
  - The steeply inclined 80° mirror (4 dots) provides observation of the major vessel arcades, often unseen and untreated with the Goldmann Three Mirror Lens.
- The four mirrors provide fields of view that overlap exactly so that areas of the fundus can be observed and treated from the central area to the periphery by a simple rotation of the lens.
- The posterior pole can be observed through the central axis of the lens.
- A special lid flange on the OJKF and OJKFA renders the lens resistant to rejection by the squeezing patient.
- Broad band, anti-reflective coatings are bonded to the argon/diode lenses to minimize reflections and maximize light transmission during laser treatment.

### Technique

- The angle between the lens and slit lamp axis can be varied between 5° and 15° for deep vitreous and fundus observation.
- The posterior pole and the oral circumference are examined quadrant by quadrant with the slit lamp.
- The fundus view appears inverted and is the opposite fundus region.

### CAUTION

When using lens for photocoagulation, use extreme care to keep the laser beam away from mirror edges. If the beam strikes the black area around the mirror, it can be absorbed and burn the area. Mirrors damaged in this way cannot be repaired.

### Cleaning

- Rinse: Immediately upon removal from patient's eye, thoroughly rinse in cool or tepid water.
- Wash: Place a few drops of mild soap on a moistened cotton ball. Gently clean with a circular motion.
- Rinse: Thoroughly rinse in cool or tepid water, then dry carefully with a *non-linting* tissue.
- Then: Proceed with either disinfection or sterilization instructions.

| Disinfection   |   |  |   |        |                             |  |   |  |  |  |                                    |  |  |
|--|---|--|---|--------|-----------------------------|--|---|--|--|--|------------------------------------|--|--|
| Soak In:   | <table border="1"> <thead> <tr> <th>GLUTARALDEHYDE</th> <th>OR</th> <th>BLEACH</th> </tr> </thead> <tbody> <tr> <td>2% or 3.4% aqueous solution</td> <td></td> <td>10% solution mixed at:<br/>1 part bleach to 9 parts cool tepid water</td> </tr> <tr> <td>Temperature per<br/>manufacturer instructions</td> <td></td> <td></td> </tr> <tr> <td>Minimum exposure time = 20 minutes</td> <td></td> <td>Recommended exposure time = 10 minutes</td> </tr> </tbody> </table> | GLUTARALDEHYDE                         | OR  | BLEACH | 2% or 3.4% aqueous solution |  | 10% solution mixed at:<br>1 part bleach to 9 parts cool tepid water | Temperature per<br>manufacturer instructions |  |  | Minimum exposure time = 20 minutes |  | Recommended exposure time = 10 minutes |
|  | GLUTARALDEHYDE  | OR                                     | BLEACH  |        |                             |  |   |  |  |  |                                    |  |  |
|  | 2% or 3.4% aqueous solution   |  | 10% solution mixed at:<br>1 part bleach to 9 parts cool tepid water |        |                             |  |   |  |  |  |                                    |  |  |
|  | Temperature per<br>manufacturer instructions  |  |   |        |                             |  |   |  |  |  |                                    |  |  |
| Minimum exposure time = 20 minutes   |   | Recommended exposure time = 10 minutes |   |        |                             |  |   |  |  |  |                                    |  |  |
| <b>CAUTION</b> To avoid damage to the lens, do not exceed recommended exposure time.                 |   |  |   |        |                             |  |   |  |  |  |                                    |  |  |
| Then:  | Rinse lens <i>thoroughly</i> to remove disinfection solution.<br>3 cycles of 1 minute, with cool or tepid water is recommended.<br>Dry carefully and place in a dry storage case.   |  |   |        |                             |  |   |  |  |  |                                    |  |  |
| NOTE   | This lens is known to be compatible with: Asepti-Wipe, Cavi-cide, Cidex, Cidex OPA, DisCide Wipe, Enviro-cide, H <sub>2</sub> O <sub>2</sub> - 3%, and Opti-Cide  |  |   |        |                             |  |   |  |  |  |                                    |  |  |
| <b>CAUTION</b> If used on an ulcerated cornea, lens must be <b>STERILIZED</b> before next procedure. |   |  |   |        |                             |  |   |  |  |  |                                    |  |  |

| Sterilization  |         |                               |           |                |              |               |
|--|---------|-------------------------------|-----------|----------------|--------------|---------------|
| AUTOCLAVE  | STERRAD | STERIS SYSTEM 1               | ETO       | ETO Parameters |              |               |
| No   | No      | YES                           | YES       | Minimum Time   | Temperature  | Aeration Time |
|  |         | Per manufacturer instructions | See Right | 1 hour         | 130°F (54°C) | 12 hours      |
| <b>WARNING</b> Never Steam Autoclave or Boil listed lenses.<br>Never soak in Alcohol, Acetone or Other Solvents. |         |                               |           |                |              |               |

For information on compatibility with alternative product care methods, contact Customer Service.

