



# *Ophthalmic Lenses*

Single use and reusable



# Single use lenses - Clinic

All lenses have a custom anti-reflection coating\* and can be used with the appropriate therapeutic lasers. Each lens comes in a sterile pouch and is supplied in quantities of 10 per box.



## **K30-1005 4 mirror\***

A diagnostic lens with four 64° mirrors for efficient visualization of the angle with minimal lens manipulation and a central optic for viewing the posterior pole. Image magnification of 0.8x.



## **K30-1015 Single mirror**

A lens for diagnostic, surgical and therapeutic procedures including SLT, offering an excellent view of the anterior chamber angle. Image and laser spot magnification of 1.0x. The mirror is wider and flatter than existing lens designs.



## **K30-1000 3 mirror**

A general purpose lens that has a central optic for viewing the posterior pole and mirrors for viewing/treating the anterior chamber angle, peripheral regions and arcades regions. Image magnification 0.93x and laser spot magnification 1.08x. Mirrors are wider and flatter than existing lenses on the market, offering exceptional optics.



## **K30-1002 Small 3 mirror**

The small 3 mirror lens offers eye care providers a choice of single use 3 mirror lenses without sacrificing the exceptional optics of Katena's comprehensive lens selection. Excellent all-purpose lens specially sized for smaller palpebral fissure & pediatric patients. Image magnification 0.93x and laser spot magnification 1.08x.

*\*Note: The K30-1005 4 mirror lens and the K30-1002 small 3 mirror lens do not have AR or laser coatings.*

# Single use lenses - Clinic

All lenses have a custom anti-reflection coating and can be used with the appropriate therapeutic lasers. Each lens comes in a sterile pouch and is supplied in quantities of 10 per box.

## **K30-1110 Fundus**

This lens was designed to provide a central 0.93x magnified view for observation of the macula and optic nerve head area. Laser spot magnification of 1.08x.

## **K30-1120 Capsulotomy**

Large diameter optic is more than twice the standard, allowing treatment outside the visual axis of the patient. Image magnification factor 1.8x and laser spot magnification 0.56x. Exceptional single piece optics with no risk of the magnifying lens detaching.

## **K30-1130 Iridotomy**

This lens is designed with a large diameter optic to view/treat structures of the peripheral iris. The larger diameter magnifying optic has a wider view than existing lens designs and offers great latitude in therapy positioning. Image magnification 1.6x and laser spot magnification 0.63x. Outstanding single piece optics with no risk of the magnifying lens detaching.

## **K30-1320 Retina 90**

Primarily designed to facilitate diagnosis and treatment of diabetic eye disease and age related macular degeneration, this lens offers a 1.0x magnified view within the region of the arcades. Laser spot magnification of 1.0x.

## **K30-1310 Retina 170**

This lens offers a wide angle view and can be used for pan retinal photocoagulation (PRP) and for treatment of age related macular degeneration. Indirect image magnification 0.52x and laser spot magnification of 1.92x.

## **K30-1300 Retina 180**

This lens offers an exceptional wide angle view up to the ora serrata. Indirect image magnification of 0.8x and high definition, broad field view of the fundus. Used to treat diabetic eye disease, particularly pan retinal photocoagulation (PRP) and age related macular degeneration, and it has laser spot magnification of 1.25x.

## **K30-1330 Retina 200**

This lens represents a breakthrough in lens optics. The optical design of the lens permits imaging and treatment of the far peripheral retina with less distortion, and observation of the retina including the ora serrata. An excellent lens for PRP. It has laser spot magnification of 1.67x, 0.6x image magnification, and a 200° field of view.



# Bi-aspheric single use lenses

Katena's collection of single use bi-aspheric lenses offers exceptional optics with anti-reflection coating for use in the operating room or NICU. Each lens is provided in a sterile pouch ensuring no scratches or water marks from reprocessing. Single use lenses supplied in quantities of 10 per box.



## **K30-2420 20D**

The single use 20D lens provides a clear 3.0x magnified image of the patient's fundus and a 53° field of view. The laser spot magnification is 0.33x.



## **K30-2415 28D**

The single use 28D lens provides a clear 2.1x magnified image of the patient's fundus and a 53° field of view. The laser spot magnification is 0.47x.



## **K30-2410 60D**

The single use 60D lens provides a clear 0.96x magnified image of the patient's fundus and a 68° field of view.



## **K30-2405 Osher 78D**

The single use 78D lens provides a clear 0.77x magnified image of the patient's fundus and a 80° field of view.



## **K30-2400 90D**

The single use 90D lens provides a clear 0.64x magnified image of the patient's fundus and a 75° field of view.

# Single use lenses - Surgical

New and pristine optics for every patient; no dust, scratches, or fingerprints. Unlike traditional reusable lenses, Katena single use lenses have anti-reflection coatings, except where noted. Each lens comes in a sterile pouch. Single use lenses supplied in quantities of 10 per box.

## **K30-1405 Surgical gonio prism - Left hand\***

This lens allows direct viewing (no mirror) of the angle during glaucoma surgery. Image magnification is 1.2x. Both right and left handed version available. (Also available, **K30-1400 Surgical gonio prism - Right hand**).

## **K30-1210 Suture lysis**

This lens is primarily used for the post-operative management of sutures following trabeculectomy and some glaucoma drainage device surgeries to alter filtration rate and manage intraocular pressure. It is used to compress blood vessels in conjunctiva, improve suture visibility and precision lasering (with Argon or Diode). This lens has an image magnification of 1.20x and a laser spot of 0.83x.

## **K30-1020 Single mirror with handle**

This lens allows indirect viewing (via a mirror) of the angle during glaucoma surgery. Image and laser spot magnification of 1.0x. It has a custom anti-reflection coating that minimizes unwanted reflections.

## **K30-1010 4 mirror gonio with handle\***

This lens has four 64° mirrors for efficient visualization of the angle and a central optic for viewing the posterior pole. It is mounted on a handle for easy manipulation. Image magnification of 0.8x.

## **K30-1520 Surgical wide field with handle**

This small, wide field lens offers a 155° field of view with an image magnification of 0.42x and an anti-reflection coating. The physical size makes it ideal for surgery.

\*Note: The K30-1400 and K30-1405 surgical gonio prisms and the K30-1010 4 mirror with handle do not have AR or laser coatings.



# Single use lenses – Surgical

New and pristine optics for every patient; no dust, scratches, fingerprints or water marks. Unlike traditional reusable lenses, Katena's single use lenses have anti-reflection coatings and are provided with the silicone ring attached and ready for use. Each lens comes in a sterile pouch. Single use lenses supplied in quantities of 10 per box.

## Vitrectomy lenses & accessories

### A. K30-1440 Plano

This lens offers a 36° field of view of the retina at a magnification of 1.02x.

### B. K30-1435 Magnifier

This lens offers a 30° field of view and a 1.2x magnified image.

### C. K30-1430 Bi-concave

This lens offers a 45° field of view and a 0.8x magnification. In an air filled eye the field of view is 25 degrees.

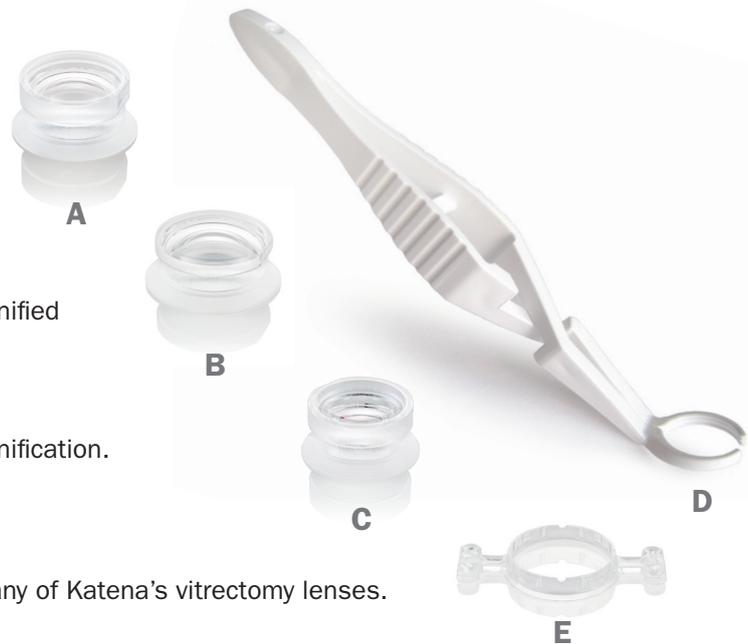
### D. K30-1505 Single use forceps

The forceps allow placement and manipulation of any of Katena's vitrectomy lenses.

### E. K30-1535 Suture ring with tabs

This ring with tabs provides a stable platform to hold any of Katena's vitrectomy lenses.

**Also available without tabs – K30-1530 Suture ring.**



## Prism lenses

### A. K30-1420 20 degree prism

This lens offers a 36° field of view with a 1.02x image magnification for imaging of the peripheral fundus.

### B. K30-1425 30 degree prism

This lens offers a 36° field of view and a 1.02x magnified image.

### K30-1450 Surgical wide field

This small, wide field lens offers a 155° field of view with an image magnification of 0.42x and an anti-reflection coating. The physical size makes it ideal for surgery.



# Bi-aspheric non-contact Diamond series reusable lenses

Katena's Diamond series of reusable non-contact lenses feature exceptional optics at an extraordinary value. Each lens features an evaporated diamond hard coating for scratch resistance as well as an anti-reflective coating. An ultralight aluminum alloy rim with a black "Sure Grip" ring makes each lens ergonomically friendly. These lenses offer exceptional small pupil performance and low image distortion. Sold individually.

## **K31-2370 Diamond 20D**

This reusable 20D lens provides an image magnification of 3.0x and a 53° field of view.



## **K31-2365 Diamond 28D**

This reusable 28D lens provides an image magnification of 2.1x and a 53° field of view.



## **K31-2360 Diamond 60D**

This reusable 60D lens provides an image magnification of 0.96x and a 68° field of view.



## **K31-2355 Diamond 78D**

This reusable 78D lens provides an image magnification of 0.77x and a 80° field of view.



## **K31-2350 Diamond 90D**

This reusable 90D lens provides an image magnification of 0.64x and a 75° field of view.



# Contact lenses for clinic

## Diamond series reusable lenses

Katena's Diamond series of reusable contact lenses feature exceptional optics at an extraordinary value. Each lens features an evaporated diamond hard coating for scratch resistance as well as an anti-reflective coating. An ultralight aluminum alloy rim with a black "Sure Grip" ring makes each lens ergonomically friendly. These lenses offer exceptional small pupil performance and low image distortion. Sold individually.

### **K31-1002** *Diamond 3 mirror*

A general purpose lens that has a central optic for viewing the posterior pole and mirrors for viewing/treating the anterior chamber angle, peripheral and arcades regions. Image magnification 0.93x and laser spot magnification 1.08x. Mirrors are wider and flatter than existing lenses on the market, offering exceptional optics.



### **K31-1005** *Diamond 4 mirror*

A diagnostic lens with four 64° mirrors for efficient visualization of the angle with minimal lens manipulation and a central optic for viewing the posterior pole. Image magnification of 0.8x.



### **K31-1330** *Diamond Retina 200*

This lens represents a breakthrough in lens optics. The optical design of the lens permits imaging and treatment of the far peripheral retina with less distortion. Expansive field of view to observe and treat the entire retina. Observation of the retina including the ora serrata. An excellent lens for PRP. Image magnification 0.60x, laser spot magnification 1.67x, and a 200° field of view.

