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. Single use lenses supplied in quantities of 10.

**SMT 002 (K30-1005) 4 mirror lens**
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. Also available with handle.

**SMT 001 (K30-1000) 3 mirror lens**
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.

**SMT 003 (K30-1015) Single mirror lens**
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. Also available with handle.

**SMT 004 (K30-1110) Fundus lens**
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.

**SMT 007 (K30-1120) Capsulotomy lens**
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 optics with no chance of the lens button detaching.

**SMT 008 (K30-1130) Iridotomy lens**
Designed with a large diameter optic to view/treat structures of the peripheral iris. 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 optics with no chance of the lens button detaching.

*Note: The SMT 002 (K30-1015) 4 mirror lens does 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. Single use lenses supplied in quantities of 10.

**SMT 005 (K30-1320) Retina 90 lens**
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.

**SMT 006 (K30-1315) Retina 130 lens**
Designed for use on smaller eyes, this lens offers a wide angle view of the retina within the region of the equator. Indirect image magnification of 0.65x provides a high definition, broad field view of fundus without the limiting geometry of mirrors. Laser spot magnification of 1.55x.

**SMT 025 (K30-1310) Retina 170 lens**
This lens offers a wide angle view and can be used for pan retinal photocoagulation and for treatment of age related macular degeneration. Indirect image magnification 0.52x and laser spot magnification of 1.92x.

**SMT 013 (K30-1300) Retina 180 lens**
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 and age related macular degeneration, it has laser spot magnification of 1.25x.
Bi-Aspheric single use lenses

Katena’s collection of single use bi-aspheric lenses offer exceptional optics with anti-reflection coating for use in the operating room or NICU. Exceptional optics with no scratches or water marks. Each lens comes in a sterile pouch. Single use lenses supplied in quantities of 10.

**SMT 012 (K30-2420) 20D lens**
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.

**SMT 011 (K30-2415) 28D lens**
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.

**SMT 010 (K30-2410) 60D lens**
The single use 60D lens provides a clear 0.96x magnified image of the patient’s fundus and a 68° field of view.

**SMT 009 (K30-2400) 90D lens**
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 for every patient; no dust, scratches, fingerprints or water marks. Unlike traditional reusable lenses, Katena single use lenses have anti-reflection coatings, except where noted, and no water marks. Each lens comes in a sterile pouch. Single use lenses supplied in quantities of 10.

**SMT 033 (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. This lens does not have an anti-reflection coating. Also available as SMT 032 (K30-1400) Surgical gonio prism – Right hand.

**SMT 035 (K30-1020) Single mirror with handle**
This lens allows indirect viewing (via a mirror) of the angle during glaucoma surgery. Image magnification is 1.0x. It has a custom anti-reflection coating that minimizes unwanted reflections.

**SMT 029 (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. This lens does not have an anti-reflection coating.

**SMT 037 (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.

**SMT 019 (K30-2405) Osher 78D**
Katena's single use 78D Lens provides a clear 0.77x magnified image of the patient’s fundus and a 80° field of view. It has an anti-reflection coating and is provided sterile in an individual pouch for use in sterile environments. Exceptional optics with no scratches or water marks; ideal for surgery or the NICU.
Single use lenses – Surgical

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

Vitrectomy lenses & accessories

A. **SMT 024 (K30-1440) Plano lens**
   This lens offers a 36° field of view of the retina at a magnification of 1.02x.

B. **SMT 023 (K30-1435) Magnifier lens**
   This lens offers a 30° field of view and a 1.2x magnified image.

C. **SMT 022 (K30-1430) Bi concave lens**
   This lens offers a 25° field of view and a 0.8x magnification.

D. **SMT 027 (K30-1505) Single use forceps**
   The forceps allow placement and manipulation of any of Katena’s vitrectomy lenses.

E. **SMT 038 (K30-1535) Suture ring with tabs**
   This ring with tabs provides a stable platform to hold any Katena’s vitrectomy lenses. Also available without tabs – SMT 026 (K30-1530) Suture ring.

Prism lenses

A. **SMT 020 (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. **SMT 021 (K30-1425) 30 degree prism**
   This lens offers a 36° field of view and a 1.02x magnified image.
Bi-Aspheric reusable lenses

Katena's *Diamond* series of reusable lenses feature a patent pending optical design at an extraordinary value. Each lens possesses high performance multi layer anti-reflective and hard coatings. An ultralight metallic alloy with silicone grip makes each lens ergonomically friendly. These lenses offer exceptional small pupil performance and low image distortion. Sold individually.

**SMT 043-R (K31-2370) 20D lens**
This reusable 20D lens provides an image magnification of 3.0x and a field of view of 53°.

**SMT 042-R (K31-2365) 28D lens**
This reusable 28D lens provides an image magnification of 2.1x and a field of view of 53°.

**SMT 041-R (K31-2360) 60D lens**
This reusable 60D lens provides an image magnification of 0.96x and a field of view of 68°.

**SMT 040-R (K31-2355) 78D lens**
This reusable 78D lens provides an image magnification of 0.77x and a field of view of 80°.

**SMT 039-R (K31-2350) 90D lens**
This reusable 90D lens provides an image magnification of 0.64x and a field of view of 75°.
Surgical & clinical products

Ophthalmic instruments

Barron corneal transplant devices

Glaucoma Implant

Biologics

Molteno3

AMBIOisk

AMBIO2

AMBIO5

Tutoplast