



**Eyekez**  
Healthcare Pvt. Ltd.



# EYEKENZ IOL

*Redefining* **Eye Care** *Management*



**Eyekenz Healthcare Pvt. Ltd.** is a reputable company based in Bengaluru, India; that specialized in the marketing and trading of a wide range of ophthalmology-related products like Therapeutic range, Intraocular Lens (IOL), Contact Lens, Biomedical equipment, and consumables. The company aims of providing quality products with accessibility and economy that improve patient's vision and eye care.

Eyekenz Healthcare's success can be contributed to its experience in the Ophthalmology business, and its association with a vast network of private practicing Ophthalmologists, and institutions in India apart from Overseas operations.

**Manufacturing Facility:** This facility has been established as per Indian and European New Medical Device Regulations (MDR). The latest imported manufacturing machinery delivers quality IOLs consistently using the technology from Ocuserv Instruments INC, USA; enhancing the vision in post-surgery cataract patients.

**Quality Assured:** Eyekenz IOLs are manufactured meticulously under strict quality control measures. The raw material is procured from Contamac, England which is the world's largest manufacturer of IOL material and whose manufacturing plant is accredited with ISO 9001, ISO 13485, CE; and they are 2-time recipients of the Queen's Award for Enterprise.

ISO 13485:2016  
Certified Company



# Eyekez SILVER

PMMA Intraocular Lens

Eyekez Silver is a single-piece sterile PMMA foldable posterior chamber IOL. It consists of UV blocker that provides protection to the retina.



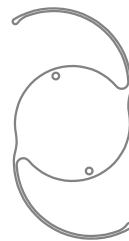
**AMP 5125**



**AMP 5212**



**AMP 5525**



**AMP 6125H**



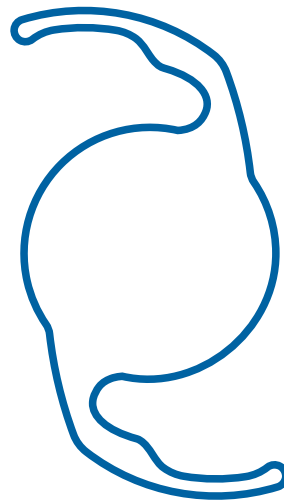
| Standard Powers      | 00.0 D → +35.0 D (0.5 D steps)                                  | 00.0 D → +35.0 D (0.5 D steps)                                  | 00.0 D → +35.0 D (0.5 D steps)                                  | 00.0 D → +35.0 D (0.5 D steps)                                  |
|----------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|
| Extreme Powers       | 10.0 D → 1.0 D (1.0 D steps)<br>+35.0 D → +45.0 D (1.0 D steps) | 10.0 D → 1.0 D (1.0 D steps)<br>+35.0 D → +45.0 D (1.0 D steps) | 10.0 D → 1.0 D (1.0 D steps)<br>+35.0 D → +45.0 D (1.0 D steps) | 10.0 D → 1.0 D (1.0 D steps)<br>+35.0 D → +45.0 D (1.0 D steps) |
| Optic Diameter       | 5.00 mm                                                         | 5.25 mm                                                         | 5.50 mm                                                         | 6.00 mm                                                         |
| Overall Diameter     | 12.50 mm                                                        | 12.00 mm                                                        | 12.50 mm                                                        | 12.50 mm                                                        |
| Optic Design         | Equiconvex                                                      | Equiconvex                                                      | Equiconvex                                                      | Equiconvex                                                      |
| Haptic Design        | "Cap.C" Design with StepVault                                   | "Mod.C" Design with StepVault                                   | "Mod.C" Design with StepVault                                   | "Mod.C" Design with StepVault                                   |
| Ac Depth             | 5.00 mm                                                         | 5.00 mm                                                         | 5.00 mm                                                         | 4.80 mm                                                         |
| Dialing Holes        | Nil                                                             | Nil                                                             | Nil                                                             | 2                                                               |
| Suggested A Constant | 118.4*                                                          | 118.4*                                                          | 118.4*                                                          | 118.2*                                                          |
| Shelf Life           | 5 years after sterilization                                     | 5 years after sterilization                                     | 5 years after sterilization                                     | 5 years after sterilization                                     |

# Eyekenz BLUE

## Hydrophobic Aspheric Foldable -IOL

### AMH 6125SQ / AMH 6130SQ

Eyekenz Blue is a single-piece sterile **HYDROPHOBIC ASPHERIC FOLDABLE** acrylic posterior chamber IOL with a 360° Square Edge. It is a mono-focal lens with a UV blocker and optionally blue light filter providing protection to the retina. The 360° Square Edge minimizes the chance of posterior capsular opacification (PCO) development.



The IOL is non-preloaded which has to be manually loaded into a compatible injector.

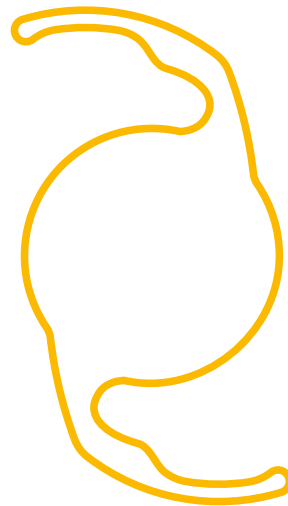
| POWER RANGE                                                                                                              |                                                                   |                      |
|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------|
| Standard Powers                                                                                                          | 00.0 D → +35.0 D (0.5 D steps)                                    |                      |
| Cylinders                                                                                                                | -10.0 D → -1.0 D (0.5 D steps)<br>+31.0 D → +45.0 D (0.5 D steps) |                      |
| MATERIAL                                                                                                                 |                                                                   |                      |
| Hydrophobic Acrylic blanks contain an UV Absorber with <0.5% Water Content.<br>optional blue light filtering Chromophore |                                                                   |                      |
| Refractive Index                                                                                                         | 1.493                                                             |                      |
| Sterilization                                                                                                            | Ethylene Oxide                                                    |                      |
| DESIGN                                                                                                                   |                                                                   |                      |
| Optic Diameter<br>Overall Diameter                                                                                       | 6 mm                                                              | 12.50 mm & 13.00 mm  |
| Optic Design                                                                                                             | Aspheric - Aberration Neutral<br>Biconvex (+0.00 D to 35.00 D)    |                      |
| Nominal A-constant                                                                                                       | 118.7                                                             |                      |
| Haptic Design                                                                                                            | Single Haptics with 0° Angulation                                 |                      |
| PCO Prevention                                                                                                           | 360° Square Edge                                                  |                      |
| Shelf Life                                                                                                               | 5 years after sterilization                                       |                      |
| INJECTION                                                                                                                |                                                                   |                      |
| Estimated Incision Size                                                                                                  | 1.8 - 2.2 mm                                                      |                      |
| Injector & Cartridge                                                                                                     | Front Load with 2.2 mm Cartridge                                  |                      |
| CONSTANTS<br>for optical and immersion ultrasound measurements                                                           |                                                                   |                      |
| SRK/T A-Constant                                                                                                         | Haigis                                                            | Hoffer Q             |
| A = 118.8*                                                                                                               | a0 = 1.96*<br>a1 = 0.400*<br>a2 = 0.100*                          | pACD = 5.61*         |
| Holladay I                                                                                                               | SRK/ II A-Constant                                                | *Optimized constants |
| SF = 1.85*                                                                                                               | A = 118.6                                                         |                      |

# Eyekez YELLOW

## YELLOW Hydrophobic Aspheric Foldable IOL

### AMH 6125SQY / AMH 6130SQY

Eyekez Yellow is a single-piece sterile **YELLOW HYDROPHOBIC ASPHERIC FOLDABLE** acrylic posterior chamber IOL with a 360° Square Edge. It is a yellow-coloured mono-focal lens that does not block the much-needed blue light and provides protection to the retina. The 360° Square Edge minimizes the chance of posterior capsular opacification (PCO) development.



The IOL is non-preloaded which has to be manually loaded into a compatible injector.

| POWER RANGE                                                                                                              |                                                                   |                      |
|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------|
| Standard Powers                                                                                                          | 00.0 D → +30.0 D (0.5 D steps)                                    |                      |
| Extreme Powers                                                                                                           | -10.0 D → -1.0 D (0.5 D steps)<br>+31.0 D → +45.0 D (0.5 D steps) |                      |
| MATERIAL                                                                                                                 |                                                                   |                      |
| Hydrophobic Acrylic blanks contain an UV Absorber with <0.5% Water Content.<br>optional blue light filtering Chromophore |                                                                   |                      |
| Refractive Index                                                                                                         | 1.493                                                             |                      |
| Sterilization                                                                                                            | Ethylene Oxide                                                    |                      |
| DESIGN                                                                                                                   |                                                                   |                      |
| Optic Diameter<br>Overall Diameter                                                                                       | 6 mm                                                              | 13.00 mm             |
| Optic Design                                                                                                             | Aspheric - Aberration Neutral<br>Biconvex (+0.00 D to 35.00 D)    |                      |
| Nominal A-constant                                                                                                       | 118.7                                                             |                      |
| Haptic Design                                                                                                            | Single Haptics with 0° Angulation                                 |                      |
| PCO Prevention                                                                                                           | 360° Square Edge                                                  |                      |
| Shelf Life                                                                                                               | 5 years after sterilization                                       |                      |
| INJECTION                                                                                                                |                                                                   |                      |
| Estimated Incision Size                                                                                                  | 1.8 - 2.2 mm                                                      |                      |
| Injector & Cartridge                                                                                                     | Front Load with 2.2 mm Cartridge                                  |                      |
| CONSTANTS<br>for optical and immersion ultrasound measurements                                                           |                                                                   |                      |
| SRK/T A-Constant                                                                                                         | Haigis                                                            | Hoffer Q             |
| A = 118.8*                                                                                                               | a0 = 1.96*<br>a1 = 0.400*<br>a2 = 0.100*                          | pACD = 5.61*         |
| Holladay I                                                                                                               | SRK/ II A-Constant                                                | *Optimized constants |
| SF = 1.85*                                                                                                               | A = 118.6                                                         |                      |



# Eyekenz PURPLE

## Hydrophilic Acrylic Foldable IOL

Eyekenz Purple is a single-piece sterile hydrophilic acrylic foldable posterior chamber IOL with a 360° Square Edge. It consists of UV blocker that provides protection to the retina. The 360° Square Edge minimizes the chance of posterior capsular opacification (PCO) development.



The IOL is non-preloaded which has to be manually loaded into a compatible injector.

| POWER RANGE                                                                                                                      |                                                                                                           |                      |
|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------|
| Standard Powers                                                                                                                  | 00.0 D → +30.0 D (0.5 D steps)                                                                            |                      |
| Extreme Powers                                                                                                                   | -10.0 D → -1.0 D (0.5 D steps)<br>+31.0 D → +45.0 D (0.5 D steps)                                         |                      |
| MATERIAL                                                                                                                         |                                                                                                           |                      |
| Copolymer of hydroxyethyl methacrylate and methyl methacrylate with 26% water content, UV blocker and optional blue light filter |                                                                                                           |                      |
| Refractive Index                                                                                                                 | 1.46                                                                                                      |                      |
| Sterilization                                                                                                                    | Steam                                                                                                     |                      |
| DESIGN                                                                                                                           |                                                                                                           |                      |
| Optic Design                                                                                                                     | Negative Aspheric - Aberration Neutral<br>Convex-concave (-10.0 D → -1.0 D)<br>Biconvex (0.0 D → +45.0 D) |                      |
| Nominal A-constant                                                                                                               | 118.0                                                                                                     |                      |
| Haptic Design                                                                                                                    | Double Haptics,0° Angulation                                                                              |                      |
| PCO Prevention                                                                                                                   | 360° Square Edge                                                                                          |                      |
| Shelf Life                                                                                                                       | 3 years after sterilization                                                                               |                      |
| INJECTION                                                                                                                        |                                                                                                           |                      |
| Estimated Incision Size                                                                                                          | 1.8 - 2.2 mm                                                                                              |                      |
| Injector & Cartridge                                                                                                             | Front Load with 2.2 mm Cartridge                                                                          |                      |
| CONSTANTS                                                                                                                        |                                                                                                           |                      |
| for optical and immersion ultrasound measurements                                                                                |                                                                                                           |                      |
| SRK/T A-Constant                                                                                                                 | Haigis                                                                                                    | Hoffer Q             |
| A = 118.0*                                                                                                                       | a0 = 0.568*<br>a1 = 0.400*<br>a2 = 0.100*                                                                 | pACD = 4.80*         |
| Holladay I                                                                                                                       | SRK/ II A-Constant                                                                                        | *Optimized constants |
| SF = 1.02*                                                                                                                       | A = 117.88                                                                                                |                      |

# Eyekez GREEN

## Hydrophilic Aspheric Foldable IOL

Eyekez Green is a single-piece sterile **HYDROPHILIC ASPHERIC** acrylic foldable posterior chamber IOL with a 360° Square Edge. It consists of UV blocker that provides protection to the retina. The 360° Square Edge minimizes the chance of posterior capsular opacification (PCO) development.



The IOL is non-preloaded which has to be manually loaded into a compatible injector.

| POWER RANGE                                                                                                                      |                                                                                                           |                      |
|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------|
| Standard Powers                                                                                                                  | 00.0 D → +35.0 D (0.5 D steps)                                                                            |                      |
| Extreme Powers                                                                                                                   | -10.0 D → -1.0 D (0.5 D steps)<br>+31.0 D → +45.0 D (0.5 D steps)                                         |                      |
| MATERIAL                                                                                                                         |                                                                                                           |                      |
| Copolymer of hydroxyethyl methacrylate and methyl methacrylate with 26% water content, UV blocker and optional blue light filter |                                                                                                           |                      |
| Refractive Index                                                                                                                 | 1.46                                                                                                      |                      |
| Sterilization                                                                                                                    | Steam                                                                                                     |                      |
| DESIGN                                                                                                                           |                                                                                                           |                      |
| Optic Design                                                                                                                     | Negative Aspheric - Aberration Neutral<br>Convex-concave (-10.0 D → -1.0 D)<br>Biconvex (0.0 D → +45.0 D) |                      |
| Nominal A-constant                                                                                                               | 118.0                                                                                                     |                      |
| Haptic Design                                                                                                                    | Single Haptics with 0° Angulation                                                                         |                      |
| PCO Prevention                                                                                                                   | 360° Square Edge                                                                                          |                      |
| Shelf Life                                                                                                                       | 3 years after sterilization                                                                               |                      |
| INJECTION                                                                                                                        |                                                                                                           |                      |
| Estimated Incision Size                                                                                                          | 1.8 - 2.2 mm                                                                                              |                      |
| Injector & Cartridge                                                                                                             | Front Load with 2.2 mm Cartridge                                                                          |                      |
| CONSTANTS                                                                                                                        |                                                                                                           |                      |
| for optical and immersion ultrasound measurements                                                                                |                                                                                                           |                      |
| SRK/T A-Constant                                                                                                                 | Haigis                                                                                                    | Hoffer Q             |
| A = 118.0*                                                                                                                       | a0 = 0.568*<br>a1 = 0.400*<br>a2 = 0.100*                                                                 | pACD = 4.80*         |
| Holladay I                                                                                                                       | SRK/ II A-Constant                                                                                        | *Optimized constants |
| SF = 1.02*                                                                                                                       | A = 117.88                                                                                                |                      |

\*Optimized constants

## Our Profile



Eye Drops & Eye Ointment

Oral Formulation

Intraocular Lens (IOL)

Contact Lens (CL)

Ophthalmic Clinical Equipment

Ophthalmic Surgical Equipment

Ophthalmic Consumables

Only for the use of a Registered Medical Practitioner or a Hospital or a Laboratory

