

**SMART**  
TECHNOLOGY

# PRODUCT CATALOG



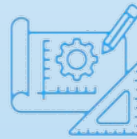
Bridging the gap between surgical expertise and manufacturing excellence. Our mission is to develop innovative medical devices that improve patient outcomes through comprehensive innovation services.

#### **Surgeon-Led Expertise**



Expert surgeons guide medical device development from concept to completion.

#### **Advanced Prototypes**



Virtual modeling, 3D printing, and precise craftsmanship for thoroughly tested, accurate prototypes.

#### **Robust Legal Support**



Comprehensive legal services protect your IP: prior art, patent drafting, filing, and objection handling.

#### **Tailored Customization**

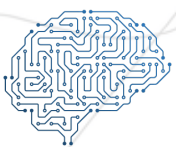


Personalized solutions: custom monograms, brand logo integration, and tailored packaging.

#### **Extensive Distribution**



Global reach and multiple channels ensure efficient worldwide distribution with multilingual support.



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## **PRODUCT CATEGORY**

CORNEA & TISSUE REGENERATION

CATARACT & ANTERIOR SEGMENT

OCULOPLASTY

RETINA

VISION & GLASSES

DISPOSABLE & CONSUMABLES

EQUIPMENTS

EDUCATION

SURGICAL INSTRUMENTS

OPERATION TABLE & CHAIRS



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## CORNEA & TISSUE REGENERATION



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## Cornea & Tissue Regeneration

# Amnio-Patch<sup>TM</sup>

Dehydrated Amnio-Patch for Advance Wound Healing Dressing Patch

The **Amnio-Patch** is a dehydrated amniotic membrane dressing designed to support ocular surface healing and reconstruction. With its natural anti-inflammatory and anti-scarring properties, it offers a biologically active scaffold for epithelial regeneration, making it ideal for both prophylactic and therapeutic ophthalmic applications.



### Key Features

Material: Dehydrated human amniotic membrane  
Dimensions: 3 cm x 3 cm | Thickness: 50 microns  
Sterility: Terminally sterilized and ready for surgical use  
Packaging: Individually sealed with traceable labeling and QR code integration  
Storage: Room temperature stable; long shelf life 5 Years

### Clinical Applications

Treatment of persistent epithelial defects  
Management of chemical burns and ocular surface trauma  
Pterygium and conjunctival surgeries  
Dry eye and neurotrophic keratitis

### Quality & Compliance

Processed under ISO 13485-certified cleanroom conditions  
Conforms to CDSCO and international tissue safety standards  
Backed by Akriti's legacy of ethical innovation and regenerative care



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# Cornea & Tissue Regeneration

## Amnio-Patch<sup>TM</sup>

Dehydrated Amnio-Patch for Advance Wound Healing Dressing Patch

Product Code	Descriptions	Qty. Per Box
AOPL/AMD/A2.D	2 cm X 2 cm 50 Micron,	1 Pc. (Sterile)
AOPL/AMD/A3.D	3 cm X 3 cm 50 Micron,	1 Pc. (Sterile)
AOPL/AMD/A4.D	4 cm X 4 cm 50 Micron,	1 Pc. (Sterile)
AOPL/AMD/A5.D	5 cm X 5 cm 50 Micron,	1 Pc. (Sterile)
AOPL/AMD/A6.D	6 cm X 6 cm 50 Micron,	1 Pc. (Sterile)
AOPL/AMD/A7.D	10 cm X 6 cm 50 Micron,	1 Pc. (Sterile)
AOPL/AMD/A8.D	8 cm X 6 cm 50 Micron,	1 Pc. (Sterile)
AOPL/AMD/A9.D	10 cm X 4 cm 50 Micron,	1 Pc. (Sterile)
AOPL/AMD/A10.D	1 cm X 1 cm 100 Micron,	1 Pc. (Sterile)
AOPL/AMD/A11.D	2 cm X 2 cm 100 Micron with chorion,	1 Pc. (Sterile)
AOPL/AMD/A12.D	3 cm X 3 cm 100 Micron with chorion,	1 Pc. (Sterile)
AOPL/AMD/A13.D	4 cm X 4 cm 100 Micron with chorion,	1 Pc. (Sterile)
AOPL/AMD/A14.D	5 cm X 5 cm 100 Micron with chorion,	1 Pc. (Sterile)
AOPL/AMD/A15.D	6 cm X 6 cm 100 Micron with chorion,	1 Pc. (Sterile)
AOPL/AMD/A16.D	10 cm X 6 cm 100 Micron with chorion,	1 Pc. (Sterile)
AOPL/AMD/A17.D	8 cm X 6 cm 100 Micron with chorion,	1 Pc. (Sterile)
AOPL/AMD/A18.D	10 cm X 4 cm 100 Micron with chorion,	1 Pc. (Sterile)
AOPL/AMD/A19.D	6 cm round 50 Micron,	1 Pc. (Sterile)
AOPL/AMD/A20.D	10 cm round 50 micron,	1 Pc. (Sterile)
AOPL/AMD/A21.D	6 cm round 100 Micron with chorion,	1 Pc. (Sterile)
AOPL/AMD/A22.D	10 cm round 100 Micron with chorion,	1 Pc. (Sterile)
AOPL/AMD/A23.D	20X24 cm 50 Micron,	1 Pc. (Sterile)



## Cornea & Tissue Regeneration

# Amnio-Patch-C™

### Cryogenic Amniotic Membrane Dressing

The **Amnio-Patch-C** is a Cryogenic amniotic membrane dressing designed to support ocular surface healing and reconstruction. With its natural anti-inflammatory and anti-scarring properties, it offers a biologically active scaffold for epithelial regeneration, making it ideal for both prophylactic and therapeutic ophthalmic applications.



#### Key Features

Material: Cryogenic human amniotic membrane  
Dimensions: Variable Size | Thickness: 50 microns, 100 micron  
Sterility: Terminally sterilized and ready for surgical use  
Packaging: Individually sealed with traceable labeling and QR code integration  
Storage: -20 Degree temperature stable; Shelf life 1 Years

#### Clinical Applications

Treatment of persistent epithelial defects  
Management of chemical burns and ocular surface trauma  
Pterygium and conjunctival surgeries  
Dry eye and neurotrophic keratitis

#### Quality & Compliance

Processed under ISO 13485-certified cleanroom conditions  
Conforms to CDSCO and international tissue safety standards  
Backed by Akriti's legacy of ethical innovation and regenerative care

# Cornea & Tissue Regeneration

## Amnio-Patch-C™

Cryogenic Amniotic Membrane Dressing

Product Code	Descriptions	Qty. Per Box
AOPL/AMD/A1	1 cm X 1 cm 50 Micron	1 Pc. (Sterile)
AOPL/AMD/A2	2 cm X 2 cm 50 Micron	1 Pc. (Sterile)
AOPL/AMD/A3	3 cm X 3 cm 50 Micron	1 Pc. (Sterile)
AOPL/AMD/A4	4 cm X 4 cm 50 Micron	1 Pc. (Sterile)
AOPL/AMD/A5	5 cm X 5 cm 50 Micron	1 Pc. (Sterile)
AOPL/AMD/A6	6 cm X 6 cm 50 Micron	1 Pc. (Sterile)
AOPL/AMD/A7	10 cm X 6 cm 50 Micron	1 Pc. (Sterile)
AOPL/AMD/A8	8 cm X 6 cm 50 Micron	1 Pc. (Sterile)
AOPL/AMD/A9	10 cm X 4 cm 50 Micron	1 Pc. (Sterile)
AOPL/AMD/A10	1 cm X 1 cm 100 Micron	1 Pc. (Sterile)
AOPL/AMD/A11	2 cm X 2 cm 100 Micron	1 Pc. (Sterile)
AOPL/AMD/A12	3 cm X 3 cm 100 Micron	1 Pc. (Sterile)
AOPL/AMD/A13	4 cm X 4 cm 100 Micron	1 Pc. (Sterile)
AOPL/AMD/A14	5 cm X 5 cm 100 Micron	1 Pc. (Sterile)
AOPL/AMD/A15	6 cm X 6 cm 100 Micron	1 Pc. (Sterile)
AOPL/AMD/A16	10 cm X 6 cm 100 Micro	1 Pc. (Sterile)
AOPL/AMD/A17	8 cm X 6 cm 100 Micron	1 Pc. (Sterile)
AOPL/AMD/A18	10 cm X 4 cm 100 Micro	1 Pc. (Sterile)

# Cornea & Tissue Regeneration

## Amnio-Disc™

Dehydrated Amniotic Membrane Disc for Advance Corneal Healing

The **Amnio-Disc** by Akriti Ophthalmic is a circular, dehydrated amniotic membrane dressing used in ophthalmic procedures to promote healing, reduce inflammation, and protect the ocular surface. With a standardized **10.00 mm diameter**, it offers consistent coverage and ease of placement during surgery or post-trauma care.

### Key Features

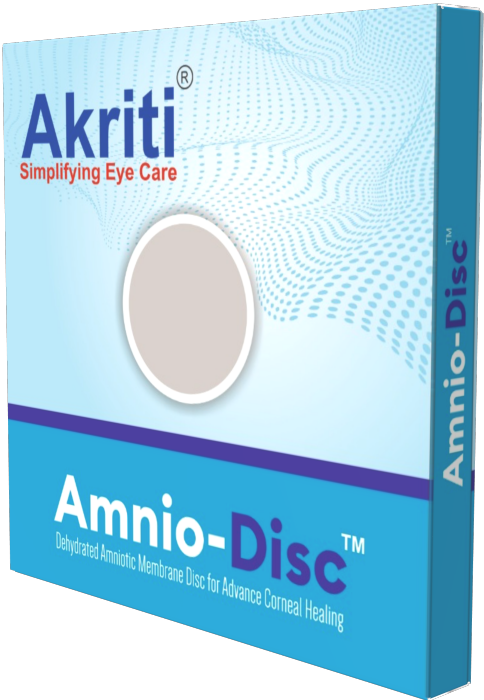
- Material: Dehydrated human amniotic membrane
- Dimensions: 6 mm to 14mm | Thickness: 50 microns
- Sterility: Terminally sterilized and ready for surgical use
- Packaging: Individually sealed with traceable labeling and QR code integration
- Storage: Room temperature stable; long shelf life 5 Years

### Clinical Applications

- Treatment of persistent epithelial defects
- Management of chemical burns and ocular surface trauma
- Pterygium and conjunctival surgeries
- Dry eye and neurotrophic keratitis

### Quality & Compliance

- Processed under ISO 13485-certified cleanroom conditions
- Conforms to CDSCO and international tissue safety standards
- Backed by Akriti’s legacy of ethical innovation and regenerative care



Product Code	Descriptions	Qty. Per Box
AOPL/AMD/A10D6	6mm, 50 Micron	1 Pc. (Sterile)
AOPL/AMD/A10D8	8mm, 50 Micron	1 Pc. (Sterile)
AOPL/AMD/A10D10	10mm, 50 Micron	1 Pc. (Sterile)
AOPL/AMD/A10D12	12mm, 50 Micron	1 Pc. (Sterile)
AOPL/AMD/A10D14	14mm, 50 Micron	1 Pc. (Sterile)
AOPL/AMD/A10D16	16mm, 50 Micron	1 Pc. (Sterile)



## Cornea & Tissue Regeneration

# Amnio-Ring™

Dehydrated Amniotic Membrane Ring for Advance Corneal Healing

The **Amnio Ring** from Akriti Ophthalmic is a specialized ocular implant combining the therapeutic benefits of **dehydrated amniotic membrane** with the structural support of a **ring conformer**. Designed for ocular surface reconstruction, it helps maintain fornix depth while delivering anti-inflammatory and anti-scarring properties to promote epithelial healing.

### Key Features

Composition: Dehydrated human amniotic membrane integrated with a biocompatible ring  
Design: Open fornix structure to prevent symblepharon and maintain socket anatomy  
Dimensions: Standard and custom sizes available  
Sterility: Terminally sterilized and ready for surgical use  
Packaging: Individually packed with traceable labeling and QR code integration

### Clinical Applications

Chemical and thermal ocular injuries  
Stevens-Johnson syndrome and ocular cicatricial pemphigoid  
Post-operative socket preservation  
Conjunctival reconstruction and fornix restoration  
Pediatric and trauma cases requiring biological and structural support

### Benefits

Combines mechanical support with biological healing  
Prevents adhesions and scarring  
Promotes epithelial regeneration and reduces inflammation  
Maintains fornix depth without corneal contact  
Trusted by ophthalmic surgeons across India and internationally



Product Code	Descriptions	Qty. Per Box
AOPL/AMD/R13	13 mm 50 Micron ( Outer Dia : 20mm Inner Dia 13mm	1 Pc. (Sterile)
AOPL/AMD/R14	14 mm 50 Micron ( Outer Dia : 23mm Inner Dia 14mm	1 Pc. (Sterile)
AOPL/AMD/R15	15 mm 50 Micron ( Outer Dia : 25mm Inner Dia 15mm	1 Pc. (Sterile)
AOPL/AMD/R-273523-50	27mmX 3.5mmX 23.5mm, 50 Micron,	1 Pc. (Sterile)
AOPL/AMD/R-293526-50	29mmX 3.5mmX 26.5mm,50 Micron	1 Pc. (Sterile)
AOPL/AMD/R-313529-50	31mmX 3.5mmX 29.5mm ,50 Micron	1 Pc. (Sterile)

# Cornea & Anterior Segments



Akriti's **Bandage Contact Lens** is a therapeutic soft lens designed to protect the corneal surface, promote epithelial healing, and relieve discomfort following ocular trauma or surgery. Engineered for high oxygen permeability and biocompatibility, it serves as a non-invasive solution for corneal rehabilitation.

## Key Features

- Material: Hydrophilic, high-Dk soft lens polymer
- Design: Thin, flexible, and contour-adaptive for maximum comfort
- Functionality: Shields the cornea while allowing tear exchange and oxygen flow
- Sterility: Supplied sterile and ready for clinical use
- Packaging: Individually packed with traceable labeling and QR code integration

## Clinical Applications

- Post-surgical corneal protection (e.g., keratoplasty, LASIK)
- Management of corneal abrasions and epithelial defects
- Dry eye therapy and neurotrophic keratitis
- Pain relief in bullous keratopathy and chemical injuries
- Support for amniotic membrane grafts and ocular surface reconstruction

## Benefits

- Promotes faster epithelial regeneration
- Reduces pain and photophobia
- Prevents mechanical trauma from blinking
- Enhances patient comfort and compliance
- Trusted by ophthalmic professionals across India and globally

## Quality & Compliance

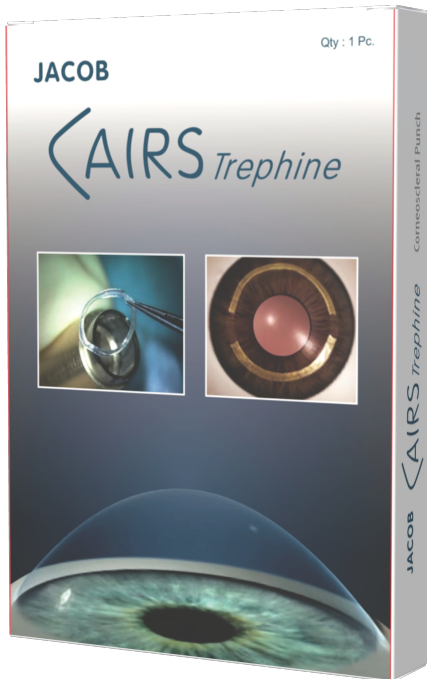
- Manufactured under ISO 13485-certified cleanroom conditions
- Conforms to CDSCO and international ophthalmic standards
- Backed by Akriti's legacy of ethical innovation and therapeutic excellence



Product Code	Descriptions	Qty. Per Box
BCL142	14,20mm, HEMA	1 Pc. (Sterile)
BCL142.10	14,20mm, HEMA	10 Pc. (Sterile)

# Cornea & Keratoplasty

## JACOB CAIRS Trephine



The Jacob CAIRS Trephine is a double blade trephine used to create allogenic donor tissue ring of desired thickness for making the Corneal Allogenic Intrastromal Ring Segments (CAIRS). These segments are used in the CAIRS procedure. CAIRS has been successfully used in patients with keratoconus globally. This surgical approach is aimed primarily at flattening the cone (ectatic cornea) and regularizing the topography thereby improving vision. In the CAIRS procedure, instead of using plastic ring segments, donor corneal tissue strips are inserted intrastromally into the mid-peripheral recipient cornea making the procedure safer than synthetic segments while also allowing it to be performed in a much wider spectrum of patients ranging from mild to very steep and very thin corneas where synthetic segments are not possible.

### Features

- Ultrasharp thin profile double cutting edge.
- Designed for a precise and symmetrical cut of the corneal tissue
- See through design helps in accurate positioning
- Innovative protective packaging to ensure safety of the cutting edge
- EO

Product Code	Descriptions	Qty. Per Box
C5/5.50-9.50	Diameter of inner blade - 5.50 mm Diameter of outer blade - 9.50 mm	1 Pc. (Sterile)
C5/6.50-8.00	Diameter of inner blade - 6.50 mm Diameter of outer blade - 8.00 mm	1 Pc. (Sterile)
C5/7.75-8.75	Diameter of inner blade - 7.75 mm Diameter of outer blade - 8.75 mm	1 Pc. (Sterile)
C5/8.00-9.50	Diameter of inner blade - 8.00 mm Diameter of outer blade - 9.50 mm	1 Pc. (Sterile)

# Cornea & Keratoplasty



The Jacob CAIRS Suction Trephine is a double blade trephine used to create allogenic donor tissue ring of desired thickness for making the Corneal Allogenic Intrastromal Ring Segments (CAIRS). These segments are used in the CAIRS procedure. CAIRS has been successfully used in patients with keratoconus globally. This surgical approach is aimed primarily at flattening the cone (ectatic cornea) and regularizing the topography thereby improving vision. In the CAIRS procedure, instead of using plastic ring segments, donor corneal tissue strips are inserted intrastromally into the mid-peripheral recipient cornea making the procedure safer than synthetic segments while also allowing it to be performed in a much wider spectrum of patients ranging from mild to very steep and very thin corneas where synthetic segments are not possible.

## Features

- Ultrasharp thin profile double cutting edge.
- Designed for a precise and symmetrical cut of the corneal tissue
- See through design helps in accurate positioning
- Innovative protective packaging to ensure safety of the cutting edge
- EO



Product Code	Descriptions	Qty. Per Box
C4/02/6.50-8.00	6.50-8.00 mm Diameter	1 Pc.
C4/02/7.75-8.75	7.75-8.75 mm Diameter	1 Pc.
C4/02/8.00-9.50	8.00-9.50 mm Diameter	1 Pc.

## Cornea & Keratoplasty

# Trephine Punch (Vacuum)

The Akriti Trephine Punch (Vacuum) is designed to take out a circular corneal button of predetermined diameter from the donor cornea in a corneal transplant procedure. Cutting action of the Trephine Punch is assisted by a manual Vacuum mechanism, which holds the corneal firmly in place while the cutting is being performed.



### Features

This device features ultra sharp trephine blade mounted in a white nylon housing with four stainless steel guide pins

Designed to give a consistently accurate, uniform and perpendicular cut

A cutting block base with four corresponding holes helps in automatic centering of the trephine blade over the donor corneal tissue

A blue nylon spacer ring is provided to prevent trephine blade edge getting damaged during transportation and storage

See through design helps in accurate positioning

EO Sterile

Product Code	Descriptions	Qty. Per Box
C4/02/7.00	7.00 mm Diameter	1 Pc.
C4/02/7.25	7.25 mm Diameter	1 Pc.
C4/02/7.50	7.50 mm Diameter	1 Pc.
C4/02/7.75	7.75 mm Diameter	1 Pc.
C4/02/8.00	8.00 mm Diameter	1 Pc.
C4/02/8.25	8.25 mm Diameter	1 Pc.
C4/02/8.50	8.50 mm Diameter	1 Pc.
C4/02/8.75	8.75 mm Diameter	1 Pc.
C4/02/9.00	9.00 mm Diameter	1 Pc.

## Cornea & Keratoplasty

# Trephine Punch (Non Vacuum)

The Akriti Trephine Punch (Non-Vacuum) is designed to take out a circular corneal button of predetermined diameter from the donor cornea in a corneal transplant procedure.

### Features

This device features ultra sharp trephine blade mounted in a white nylon housing with four stainless steel guide pins

Designed to give a consistently accurate, uniform and perpendicular cut

A cutting block base with four corresponding holes helps in automatic centering of the trephine blade over the donor corneal tissue

A spring based Syringe system (to create the vacuum) is attached to the cutting block base through a silicon tubing

A blue nylon spacer ring is provided to prevent trephine blade edge getting damaged during transportation and storage

A seating ring housing with four stainless steel guide pins is provided to make sure that the cornea is in complete contact with the cutting block white base creating a vacuum

See through design helps in accurate positioning

Individually packed and sealed in an inner blister and an outer peel open pouch

EO Sterile



Product Code	Descriptions	Qty. Per Box
C4/01/7.00	7.00 mm Diameter	1 Pc.
C4/01/7.25	7.25 mm Diameter	1 Pc.
C4/01/7.50	7.50 mm Diameter	1 Pc.
C4/01/7.75	7.75 mm Diameter	1 Pc.
C4/01/8.00	8.00 mm Diameter	1 Pc.
C4/01/8.25	8.25 mm Diameter	1 Pc.
C4/01/8.50	8.50 mm Diameter	1 Pc.
C4/01/8.75	8.75 mm Diameter	1 Pc.
C4/01/9.00	9.00 mm Diameter	1 Pc.

## Cornea & Anterior Segments

# Teflon Block

The corneo sclera tissue is placed over the Teflon block and the donor button then punched out.

### Features

- Aspheric curvature to match corneal curvature
- Central hole helps in accurate positioning
- Can be used with or without an endothelial punch
- EO Sterile



Product Code	Descriptions	Qty. Per Box
AOPL/D12	Teflon Block	10 pc

# Tattoo Ink

**Dynamic Tattoo Ink** from Akriti represents a fusion of artistic freedom and medical-grade formulation. Designed for professional tattoo artists and cosmetic practitioners, this ink delivers vibrant pigmentation with unmatched consistency and safety—ideal for both body art and medical micropigmentation.

### Applications

- Cosmetic procedures (e.g., eyebrow microblading, scalp micropigmentation)
- Medical tattooing (e.g., areola restoration, scar camouflage)
- Corneal cosmetic enhancement

### Benefits

- Consistent pigment saturation for crisp lines and smooth shading
- Hypoallergenic and skin-safe formulation
- Sterile and compliant with cosmetic safety standards
- Trusted by artists and clinicians for precision and reliability



Product Code	Descriptions	Qty. Per Box
AOPL/53131800	Black Tattoo Ink 1 ml	1 Pc. (Sterile)



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## CATARACT & ANTERIOR SEGMENT

# CATARACT & ANTERIOR SEGMENT

## i-Lens™ PMMA Intraocular Lens

### Precision Optics, Proven Stability

Trusted Globally. Akriti's high-quality PMMA IOL for safe and effective cataract surgery.

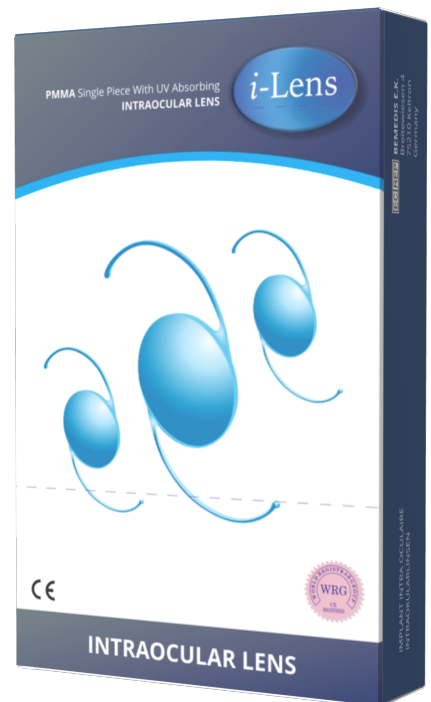
The **i-Lens PMMA Intraocular Lens** by Akriti Ophthalmic is a non-foldable, posterior chamber lens designed for implantation during extracapsular cataract extraction (ECCE). Manufactured from medical-grade polymethyl methacrylate (PMMA), it offers excellent biocompatibility, optical clarity, and long-term stability.

### Key Features

- Material: Rigid PMMA – non-foldable, high optical purity
- Design: Single-piece posterior chamber lens
- Optic Diameter: Typically 5.0 mm to 6.5 mm
- Overall Length: 12.5 mm to 13.5 mm (varies by model)
- Edge Profile: Smooth, rounded edges to minimize posterior capsule opacification (PCO)
- Sterilization: EO sterilized and packed in a double-blister tray
- Packaging: Individually packed, ready for OT use

### Clinical Applications

- Standard ECCE cataract surgery
- Ideal for outreach programs and high-volume surgical settings
- Suitable for patients with limited access to foldable IOLs
- Proven performance in both urban and rural ophthalmic care



Product Code	Descriptions	Qty. Per Box
APIL5012	i-Lens PMMA Intraocular Lens	1 Pc. (Sterile)

# CATARACT & ANTERIOR SEGMENT

## i-Fold™ Intraocular Lens

Foldable Precision. Aspheric Clarity.

Trusted Performance. Akriti's premium foldable IOL designed for modern phacoemulsification cataract surgery.

The **i-Fold™ Intraocular Lens** by Akriti Ophthalmic is a high-quality foldable posterior chamber lens engineered for implantation through small incisions during phacoemulsification. Made from advanced hydrophilic acrylic or PMMA material (as per model), it offers excellent biocompatibility, optical clarity, and long-term centration.

### Key Features

- Foldable Design: Enables micro-incision delivery and faster recovery
- Aspheric Optics: Reduces spherical aberration for sharper vision
- Material Options: Available in hydrophilic acrylic or precision PMMA
- Single-Piece Construction: Ensures stability and ease of implantation
- Optic Diameter: Typically 6.0 mm
- Overall Length: 12.5 mm to 13.0 mm (varies by model)
- Sterile Packaging: EO sterilized, double-blister tray for OT use
- CDSCO Compliant: Manufactured under ISO-certified QMS

### Clinical Applications

- Phacoemulsification cataract surgery
- Suitable for high-volume surgical centers and outreach programs
- Ideal for patients seeking improved contrast sensitivity and reduced glare



Product Code	Descriptions	Qty. Per Box
AHPSF6125SQ	I-Fold Aspheric Surface With 360° Square Edge Optics Hydrophilic Acrylic Foldable IOL	1 Pc. (Sterile)
AHPSF6125SQY	I-Fold Aspheric Surface With 360° Square Edge Optics Hydrophilic Acrylic Foldable IOL Yellow	1 Pc. (Sterile)

# CATARACT & ANTERIOR SEGMENT

## i-Clear™ Intraocular Lens

Crystal Clarity. Aspheric Precision. Seamless Recovery.

The **i-Clear™ Intraocular Lens** is a premium foldable posterior chamber lens developed by Akriti Ophthalmic for safe and effective implantation during small-incision cataract surgery. Engineered with high-grade hydrophilic acrylic and aspheric optics, it delivers superior visual outcomes, reduced glare, and enhanced contrast sensitivity especially in low-light conditions.

### Key Features

- Material: Hydrophilic acrylic with high biocompatibility
- Optic Design: Aspheric optics for reduced spherical aberration
- Foldable Format: Enables micro-incision delivery (2.8 mm or smaller)
- Optic Diameter: Typically 6.0 mm
- Overall Length: 12.5 mm to 13.0 mm
- Edge Profile: Square-edge design to minimize posterior capsule opacification (PCO)
- Sterilization: EO sterilized and packed in double-blister tray
- CE & CDSCO Compliant: Manufactured under ISO-certified quality systems

### Clinical Applications

- Phacoemulsification cataract surgery
- Ideal for patients seeking high-definition vision and faster recovery
- Suitable for institutional programs, outreach camps, and premium surgical centers



Product Code	Descriptions	Qty. Per Box
ASFL6125	I-Clear Hydrophilic Acrylic Foldable Intraocular Lens With 360° Square Edge Optics	1 Pc. (Sterile)

## CATARACT & ANTERIOR SEGMENT

# i-Phob™ Hydrophobic Intraocular Lens

360° Clarity. Zero Glare. Maximum Comfort.

Akriti's premium foldable IOL designed to minimize photophobia and enhance post-operative vision.

The **i-Phob™ Hydrophobic IOL** by Akriti Ophthalmic is a high-performance, foldable posterior chamber lens engineered for phacoemulsification cataract surgery. Made from **hydrophobic acrylic**, it features **aspheric optics** and a **360° square-edge design** to reduce glare, minimize posterior capsule opacification (PCO), and deliver sharp, stable vision—especially in bright or low-light conditions



### Key Features

Material: Hydrophobic foldable acrylic

Optic Design: Negative aspheric, aberration-neutral, biconvex profile

Edge Profile: 360° square edge to minimize PCO

Incision Size: Compatible with 2.2 mm to 2.6 mm injector systems

Refractive Index: 1.4933 @ 25°C

Power Range: -5.0 D to +35.0 D

+10.0 D to +30.0 D in 0.5 D steps

-5.0 D to +9.0 D and +31.0 D to +35.0 D in 1.0 D steps

Surface Treatment: Proprietary coating for smooth unfolding and rapid centration

Sterilization: Ethylene oxide (EO) sterilized, double-blister tray packaging

Biocompatibility: Highly inert and safe for long-term implantation

### Clinical Applications

Phacoemulsification cataract surgery

Ideal for patients with glare sensitivity or photophobia

Suitable for premium surgical centers and outreach programs

Enhances night driving performance and contrast sensitivity

Product Code	Descriptions	Qty. Per Box
AHBFS6125SQ	I-Phob Hydrophobic Aspheric 360° Square Edge Foldable Intra Ocular Lens	1 Pc. (Sterile)
AHBFS6125SQY	I-Phob Hydrophobic Aspheric 360° Square Edge Foldable Intra Ocular Lens Yellow	1 Pc. (Sterile)



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## OCULOPLASTY

# OCULOPLASTY

## i-Sphere™ Intra Orbital Implant

The **PMMA Eye Sphere** from Akriti Ophthalmic is a high-quality ocular implant designed for post-enucleation or evisceration procedures. Crafted from **medical-grade polymethyl methacrylate (PMMA)**, it offers optimal biocompatibility, structural integrity, and aesthetic restoration.

### Quality & Compliance

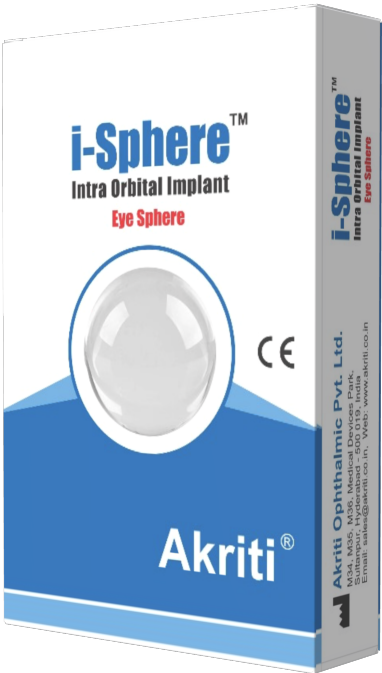
Manufactured under ISO-certified cleanroom conditions  
 Conforms to CDSCO and international regulatory standards  
 Backed by Akriti’s legacy of precision and ethical innovation

### Clinical benefits

Restores orbital volume post-surgery  
 Facilitates prosthetic eye movement  
 Minimizes risk of extrusion or infection  
 Compatible with standard prosthetic fittings  
 Trusted by ophthalmic surgeons across India and abroad

### Key Features

Material: Non-porous, medical-grade PMMA  
 Sizes Available: Multiple diameters for tailored fit  
 Finish: Smooth, polished surface for reduced friction and enhanced comfort  
 Sterilization: Supplied sterile, ready for surgical use  
 Packaging: Individually packed with traceable labeling and QR code integration



Product Code	Descriptions	Qty. Per Box
AOPL0020/S/10	Eye Sphere PMMA 10 mm	1 Pc. (Sterile)
AOPL0020/S/12	Eye Sphere PMMA 12 mm	1 Pc. (Sterile)
AOPL0020/S/14	Eye Sphere PMMA 14 mm	1 Pc. (Sterile)
AOPL0020/S/16	Eye Sphere PMMA 16 mm	1 Pc. (Sterile)
AOPL0020/S/18	Eye Sphere PMMA 18 mm	1 Pc. (Sterile)
AOPL0020/S/20	Eye Sphere PMMA 20 mm	1 Pc. (Sterile)
AOPL0020/S/22	Eye Sphere PMMA 22 mm	1 Pc. (Sterile)
AOPL0020/S/24	Eye Sphere PMMA 24 mm	1 Pc. (Sterile)

# OCULOPLASTY

## i-Sphere™ Intra Orbital Implant

The **Silicone Eye Sphere** from Akriti Ophthalmic is a high-quality ocular implant designed for post-enucleation or evisceration procedures. Crafted from **medical-grade polymethyl methacrylate (PMMA)**, it offers optimal biocompatibility, structural integrity, and aesthetic restoration.

### Quality & Compliance

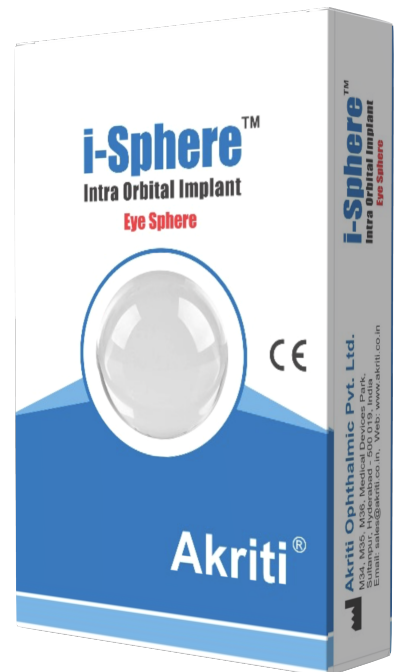
Manufactured under ISO-certified cleanroom conditions  
Conforms to CDSCO and international regulatory standards  
Backed by Akriti's legacy of precision and ethical innovation

### Clinical benefits

Restores orbital volume post-surgery  
Facilitates prosthetic eye movement  
Minimizes risk of extrusion or infection  
Compatible with standard prosthetic fittings  
Trusted by ophthalmic surgeons across India and abroad

### Key Features

Material: Non-porous, medical-grade PMMA  
Sizes Available: Multiple diameters for tailored fit  
Finish: Smooth, polished surface for reduced friction and enhanced comfort  
Sterilization: Supplied sterile, ready for surgical use  
Packaging: Individually packed with traceable labeling and QR code integration

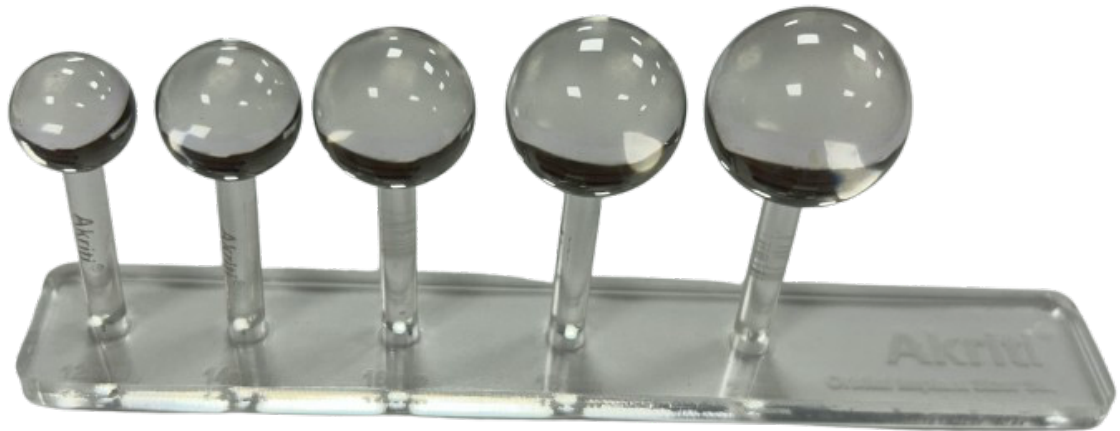


Product Code	Descriptions	Qty. Per Box
AOPL0020/SS/10	Eye Sphere Silicone 10 mm	1 Pc. (Sterile)
AOPL0020/SS/12	Eye Sphere Silicone 12 mm	1 Pc. (Sterile)
AOPL0020/SS/14	Eye Sphere Silicone 14 mm	1 Pc. (Sterile)
AOPL0020/SS/16	Eye Sphere Silicone 16 mm	1 Pc. (Sterile)
AOPL0020/SS/18	Eye Sphere Silicone 18 mm	1 Pc. (Sterile)
AOPL0020/SS/20	Eye Sphere Silicone 20 mm	1 Pc. (Sterile)
AOPL0020/SS/22	Eye Sphere Silicone 22 mm	1 Pc. (Sterile)
AOPL0020/SS/24	Eye Sphere Silicone 24 mm	1 Pc. (Sterile)

## OCULOPLASTY

# Orbital Implant Sizer Set

The Akriti Orbital Implant Sizer Set is designed to assist ophthalmic surgeons in selecting the optimal implant size during enucleation or evisceration procedures. Crafted with precision and biocompatible materials, this reusable set ensures accurate anatomical fit and postoperative symmetry



### Contents of the Set

- 5 sizers in graduated diameters (12 mm to 20 mm)
- Printed on handle size
- Sterilizable and reusable
- Packaged in a protective pouch with clear labeling

### Key Features

- Anatomical Accuracy: Facilitates optimal volume replacement
- Surgical Efficiency: Reduces intraoperative guesswork
- Durable Design: Autoclavable and built for repeated use
- User-Friendly: Lightweight, ergonomic, and easy to handle

Product Code	Descriptions	Qty. Per Box
AOPL/ISS	Eye SizerOrbital Implant Sizer Set	1 Pc. (Sterile)

# OCULOPLASTY

## i-Former™ Perforated Conformer

The **Perforated Ocular Conformer** from Akriti Ophthalmic is a post-operative device designed to maintain the shape of the ocular socket following enucleation or evisceration. Its perforated design allows for optimal drainage, ventilation, and healing—while ensuring patient comfort and prosthetic readiness.

### Key Features

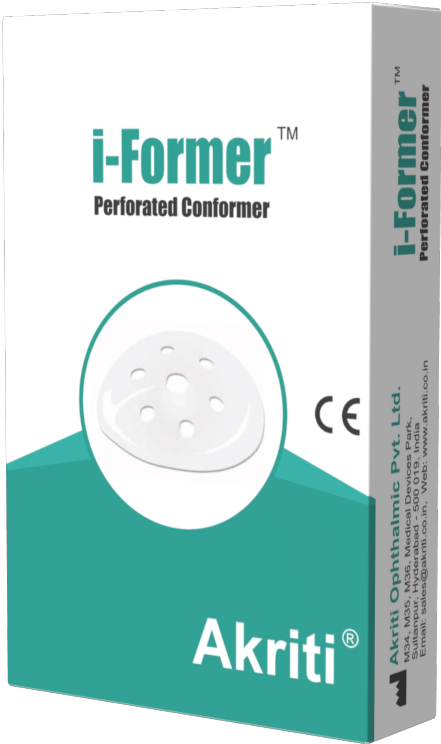
- Material: Medical-grade, biocompatible polymer
- Design: Anatomically contoured with precision perforations
- Functionality: Facilitates tear drainage and airflow to reduce edema
- Sizes: Available in multiple diameters for tailored fit
- Sterility: Supplied sterile and ready for surgical use
- Packaging: Individually packed with traceable labeling and QR code integration

### Clinical Applications

- Post-enucleation or evisceration socket management
- Preparation for prosthetic eye fitting
- Prevention of socket contraction and symblepharon
- Reduces intraoperative complications
- Promotes epithelialization and reduces post-op complications
- Trusted by leading ophthalmic surgeons across India and abroad

### Quality & Compliance

- Manufactured under ISO 13485-certified cleanroom conditions
- Conforms to CDSCO and international regulatory standards
- Backed by Akriti's legacy of ethical innovation and global accessibility



Product Code	Descriptions	Qty. Per Box
AOPL0022-001	Perforated Ocular Conformer 21mm	3 Pc. (Sterile)
AOPL0022-002	Perforated Ocular Conformer 23mm	3 Pc. (Sterile)
AOPL0022-003	Perforated Ocular Conformer 25mm	3 Pc. (Sterile)

# OCULOPLASTY

## i-Shield<sup>TM</sup>

Cornea Protection Devices

Akriti's **Cornea Protective Device** is a specialized ophthalmic tool engineered to safeguard the cornea during intraocular procedures. Designed for optimal fit and clarity, it ensures that delicate corneal tissue remains protected from trauma, desiccation, and surgical exposure—without compromising visibility or control.

### Key Features

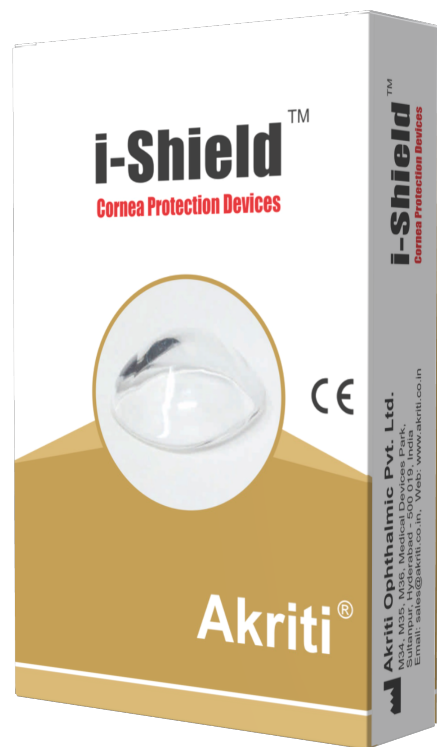
- Material: Biocompatible, non-reactive polymer
- Design: Anatomically contoured for secure placement over the cornea
- Optical Clarity: Transparent surface for uninterrupted surgical visualization
- Sterility: Supplied sterile, ready for immediate use
- Packaging: Individually packed with traceable labeling and QR code integration

### Benefits

- Prevents corneal abrasion and epithelial damage
- Maintains hydration and thermal stability
- Enhances surgical precision and safety
- Reduces intraoperative complications
- Trusted by leading ophthalmic surgeons across India and abroad

### Quality & Compliance

- Manufactured under ISO 13485-certified cleanroom conditions
- Conforms to CDSCO and international regulatory standards
- Backed by Akriti's legacy of ethical innovation and global accessibility



Product Code	Descriptions	Qty. Per Box
AOPL0024/1	Cornea Protection Devices (Corneal Shield) Small	3 Pc. (Sterile)
AOPL0024/2	Cornea Protection Devices (Corneal Shield) Medium	3 Pc. (Sterile)
AOPL0024/3	Cornea Protection Devices (Corneal Shield) Large	3 Pc. (Sterile)

# OCULOPLASTY

## i-Ring™ Symblepharon Ring

The **Symblepharon Ring**—also known as an Open Fornix Conformer—is a specialized ophthalmic device designed to prevent the retraction of conjunctival cul-de-sacs following ocular trauma or surgery. Engineered for gentle support without corneal contact, it plays a vital role in maintaining anatomical integrity and promoting post-operative healing.

### Key Features

- Material: Biocompatible, non-reactive polymer
- Design: Anatomically contoured for secure placement over the cornea
- Optical Clarity: Transparent surface for uninterrupted surgical visualization
- Sterility: Supplied sterile, ready for immediate use
- Packaging: Individually packed with traceable labeling and QR code integration

### Clinical Applications

- Prevention of symblepharon formation
- Post-burn or chemical injury management
- Post-operative socket preservation
- Ocular surface reconstruction procedures
- Pediatric and trauma cases requiring fornix support

### Benefits

- Maintains conjunctival architecture and depth
- Reduces risk of adhesions and scarring
- Enhances comfort and healing outcomes
- Compatible with amniotic membrane grafts and other ocular surface therapies
- Trusted by ophthalmic surgeons across India and internationally

### Quality & Compliance

- Manufactured under ISO 13485-certified cleanroom conditions
- Conforms to CDSCO and international regulatory standards
- Backed by Akriti's legacy of ethical innovation and global accessibility



Product Code	Descriptions	Qty. Per Box
AOPL0023/1	Symblepharon Ring 20mm	3 Pc. (Sterile)
AOPL0023/2	Symblepharon Ring 23mm	3 Pc. (Sterile)
AOPL0023/3	Symblepharon Ring 25mm	3 Pc. (Sterile)

# OCULOPLASTY

## i-Weight™

### Eye-Lid Gold Weight

The **Eyelid Gold Weight Implant** from Akriti Ophthalmic is a specialized device designed to treat **lagophthalmos** —the inability to fully close the eyelids—commonly caused by facial nerve palsy. Surgically placed in the upper eyelid, this implant uses gravity to assist natural eyelid closure, protecting the cornea and enhancing patient comfort.

#### Key Features

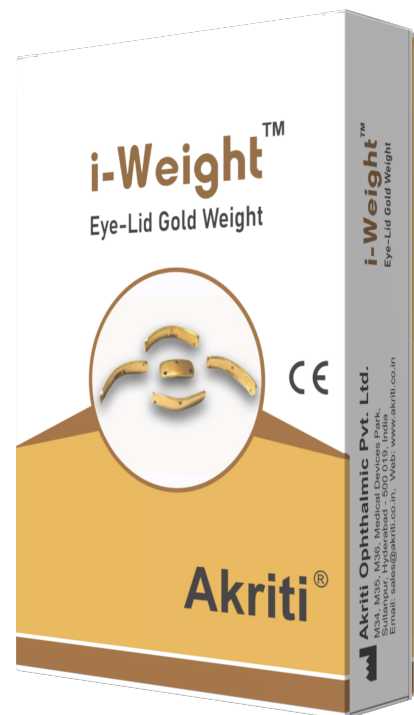
- Material: Biocompatible, medical-grade 99.99% pure gold
- Design: Slim, contoured profile for discreet placement
- Sizes: Available in multiple weights (0.6g to 2.0g) for customized fit
- Finish: Polished surface for minimal tissue irritation
- Sterility: Supplied sterile and ready for surgical use
- Packaging: Individually packed with traceable labeling and QR code integration

#### Clinical Applications

- Management of paralytic lagophthalmos
- Facial nerve palsy (Bell's palsy, post-surgical, traumatic)
- Temporary or permanent eyelid closure support
- Prevention of corneal exposure and keratitis

#### Benefits

- Enables natural blink mechanics using gravity
- Protects the ocular surface from dryness and damage
- Improves aesthetic and functional outcomes
- Minimally invasive with high patient tolerance
- Trusted by oculoplastic surgeons across India and globally



Product Code	Descriptions	Qty. Per Box
AOPL006	Implantable Eyelid Gold Weight 0.6 GM	1 Pc. (Sterile)
AOPL008	Implantable Eyelid Gold Weight 0.8 GM	1 Pc. (Sterile)
AOPL010	Implantable Eyelid Gold Weight 1.0 GM	1 Pc. (Sterile)
AOPL012	Implantable Eyelid Gold Weight 1.2 GM	1 Pc. (Sterile)
AOPL014	Implantable Eyelid Gold Weight 1.4 GM	1 Pc. (Sterile)
AOPL016	Implantable Eyelid Gold Weight 1.6 GM	1 Pc. (Sterile)
AOPL018	Implantable Eyelid Gold Weight 1.8 GM	1 Pc. (Sterile)

# OCULOPLASTY

## Lister Johns Tube

Lacrimal Patency. Surgical Precision. Long-Term Relief.  
Akriti's trusted solution for maintaining tear duct patency in canalicular reconstruction.

The **Lister Johns Tube** by Akriti Ophthalmic is a specialized lacrimal stent designed for canalicular bypass procedures. It is used to restore tear drainage in cases of canalicular obstruction, trauma, or congenital anomalies. Crafted from high-quality medical-grade glass or polymer (based on model), the tube ensures long-term patency while minimizing tissue reaction.

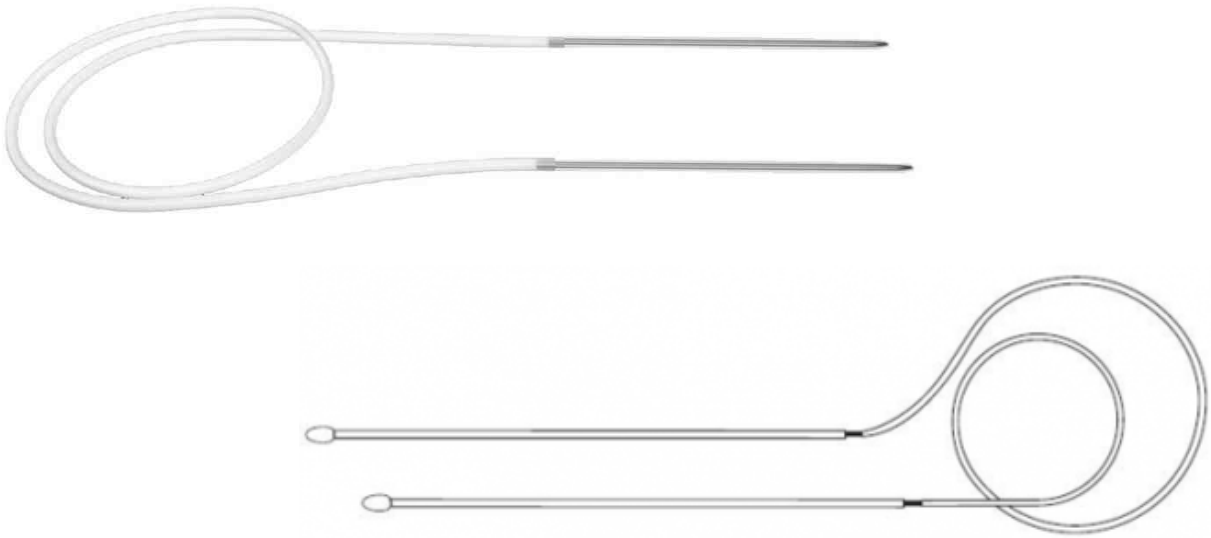
Product Code	Descriptions	Qty. Per Box
1000-3012	Lester Johns Tube 3.0X12mm with Flange	1 Pc. (Un-Sterile)
1000-3013	Lester Johns Tube 3.0X13mm with Flange	1 Pc. (Un-Sterile)
1000-3014	Lester Johns Tube 3.0X14mm with Flange	1 Pc. (Un-Sterile)
1000-3015	Lester Johns Tube 3.0X15mm with Flange	1 Pc. (Un-Sterile)
1000-3016	Lester Johns Tube 3.0X16mm with Flange	1 Pc. (Un-Sterile)
1000-3017	Lester Johns Tube 3.0X17mm with Flange	1 Pc. (Un-Sterile)
1000-3018	Lester Johns Tube 3.0X18mm with Flange	1 Pc. (Un-Sterile)
1000-3512	Lester Johns Tube 3.5X 12mm with Flange	1 Pc. (Un-Sterile)
1000-3513	Lester Johns Tube 3.5X 13mm with Flange	1 Pc. (Un-Sterile)
1000-3514	Lester Johns Tube 3.5X 14mm with Flange	1 Pc. (Un-Sterile)
1000-3515	Lester Johns Tube 3.5X 15mm with Flange	1 Pc. (Un-Sterile)
1000-3516	Lester Johns Tube 3.5X 16mm with Flange	1 Pc. (Un-Sterile)
1000-3517	Lester Johns Tube 3.5X 17mm with Flange	1 Pc. (Un-Sterile)
1000-3518	Lester Johns Tube 3.5X 18mm with Flange	1 Pc. (Un-Sterile)
1000-4012	Lester Johns Tube 4.0X 12mm with Flange	1 Pc. (Un-Sterile)
1000-4013	Lester Johns Tube 4.0X13mm with Flange	1 Pc. (Un-Sterile)
1000-4014	Lester Johns Tube 4.0X14mm with Flange	1 Pc. (Un-Sterile)
1000-4015	Lester Johns Tube 4.0X15mm with Flange	1 Pc. (Un-Sterile)
1000-4016	Lester Johns Tube 4.0X16mm with Flange	1 Pc. (Un-Sterile)
1000-4017	Lester Johns Tube 4.0X17mm with Flange	1 Pc. (Un-Sterile)
1000-4018	Lester Johns Tube 4.0X18mm with Flange	1 Pc. (Un-Sterile)

## OCULOPLASTY

# Lacrimal Intubation Set

Lacrimal Intubation set comprising of stainless steel probes with silicon tubing length 35 cm. Packed in ready to use sterile packs.

- Sizes: 11 cm x 23 G
- 7.5 cm x 23 G
- 11 cm x 23 G with Olive tips
- 7.5 cm x 23 G with Olive tips
- 11 cm x 27 G



Product Code	Descriptions	Qty. Per Box
LIS23G7C	Lacrimal Intubation set 23G 7.5 cm	10 Pc.
LIS23G11C	Lacrimal Intubation set 23G 11.00 cm	10 Pc.
LISO23G11C	Lacrimal Intubation set 23G 11.00 cm, Olive Tip	10 Pc.
LISO27G11C	Lacrimal Intubation set 27G 11.00 cm, Olive Tip	10 Pc.
AOPLRHD001	Retrval Hook Device	10 Pc.

# OCULOPLASTY

## Z-KAP Scleral Protector

Introducing **Z-KAP™**, a patented scleral shield designed by world-renowned ophthalmologists under the leadership of **Dr. Carol Karp** at the **Bascom Palmer Eye Institute** — globally recognized for excellence in ocular surface oncology.

Z-KAP™ enables safe, targeted application of **Mitomycin C** or **5-FU** following excision of pterygia, Ocular Surface Squamous Neoplasia, or other ocular surface tumors — minimizing risks like scleral melt, corneal toxicity, ulcers, and secondary glaucoma.

### Here's how it works:

After lesion excision, place Z-KAP over the sclera and beneath the conjunctiva. Position the cytotoxic sponge on top, fold the conjunctiva over it, and allow contact for 30 seconds to 1 minute. Rinse with BSS.

Compared to direct placement, Z-KAP reduces scleral staining and keeps conjunctiva elevated — protecting underlying tissue while ensuring therapeutic contact.

Presented at **ARVO 2023**, Z-KAP™ reflects Dr Karp's commitment to global-ready, surgeon-friendly innovation.



Product Code	Descriptions	Qty. Per Box
AOPL/Z-KAP/M1	Z-KAP Scleral Protector	1 Pc. Sterile

## EQUIPMENTS

# Hertel's Exophthalmometer

Akriti's Hertel's Exophthalmometer is a precision diagnostic instrument used to measure the anterior projection of the globe relative to the lateral orbital rim. It is essential in evaluating conditions such as thyroid eye disease, orbital tumors, trauma, and congenital anomalies.



### Measurement Principle

Based on the outer orbital rim and corneal apex  
 Integral refraction mirrors with calibrated millimeter scales  
 Measures inter-orbital distance and globe protrusion simultaneously  
 Scale range:  
 Orbital wall: 75 mm to 121 mm  
 Proptosis: 0 mm to 35 mm

### Key Features

High-Precision Optics: Dual mirror system ensures accurate bilateral readings  
 Durable Build: Heavy-duty metal construction for long-term use  
 Ergonomic Design: Lightweight (approx. 216g), easy to handle  
 Portable Kit: Includes protective metal case and usage instructions  
 ISO-Compliant: Manufactured under Akriti's certified QMS protocols

### Clinical Applications

Thyroid eye disease (Graves' orbitopathy)  
 Orbital cellulitis or pseudotumor  
 Post-traumatic globe displacement  
 Monitoring surgical outcomes in oculoplasty

Product Code	Descriptions	Qty. Per Box
AOPL/HEM01	Hertel's Exophthalmometer Heavy Duty	1 Pc.



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RETINA

# RETINA

## NATARAJAN MACUSEAL<sup>TM</sup> An Innovation by Dr. Sundaram Natarajan

**Natarajan Macuseal<sup>TM</sup>** is a biologically active graft derived from the innermost layer of the placenta, specifically designed for complex ophthalmic applications. Its unique properties make it an exceptional adjunct in retinal surgeries, particularly for challenging macular and posterior segment repairs.

### Key Biological Properties

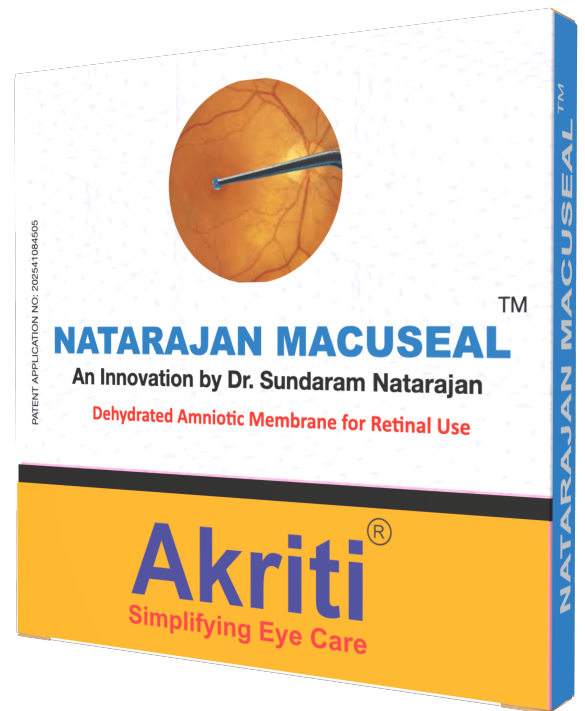
Anti-inflammatory & Anti-fibrotic: Reduces postoperative scarring  
Promotes Epithelial Healing: Accelerates tissue recovery  
Immune-Privileged: Minimizes reaction from adjacent tissues  
Regenerative Scaffold: Supports cellular adhesion, proliferation, and migration

### Application:

**Macular Hole (MH) Closure:**  
Ideal for refractory, large, or high-myopia-associated MHs—especially where conventional ILM flap techniques have limited success.  
**Surgical Technique**  
Inlay (Plug): Positioned within the macular hole  
Overlay: Placed over the defect  
Technique selection depends on anatomical context and surgeon preference.

### Retinal Detachment Repair:

Explored as a barrier or adjunct in complex cases involving:  
Proliferative Vitreoretinopathy (PVR)  
Giant Retinal Tears  
Posterior Pole Defects  
Prevention of subretinal fibrosis and RPE migration



Product Code	Descriptions	Qty. Per Box
AOPL/MS-500-50	Diameter 500 micron, 50 micron thick	1 Pc. (Sterile)
AOPL/MS-1000-50	Diameter 1000 micron, 50 micron thick	1 Pc. (Sterile)
AOPL/MS-1500-50	Diameter 1500 micron, 50 micron thick	1 Pc. (Sterile)
AOPL/MS-2000-50	Diameter 2000 micron, 50 micron thick	1 Pc. (Sterile)
AOPL/MS-500-100	Diameter 500 micron, 100 micron thick	1 Pc. (Sterile)
AOPL/MS-1000-100	Diameter 1000 micron, 100 micron thick	1 Pc. (Sterile)
AOPL/MS-1500-100	Diameter 1500 micron, 100 micron thick	1 Pc. (Sterile)
AOPL/MS-2000-100	Diameter 2000 micron, 100 micron thick	1 Pc. (Sterile)

# RETINA

## Pelayes-Singh Amniotic Membrane Forceps

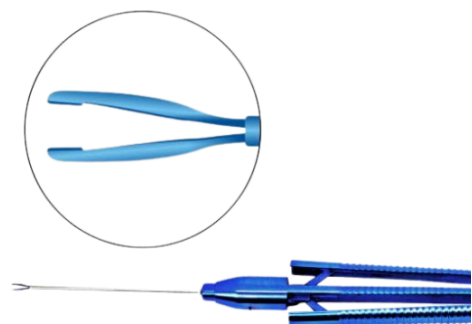
Engineered for Delicate Handling. Trusted for Ocular Excellence.

Developed in collaboration with leading ophthalmic experts, the Pelayes-Singh Amniotic Membrane Forceps by Akriti Ophthalmic are purpose-built for safe, controlled manipulation of amniotic membranes during Retinal Surgery procedures.

### Key Features

- **Ultra-Fine Serrated Tips** Designed to grip delicate amniotic tissue without tearing or slippage, ensuring precise placement.
- **Ergonomic Profile** Facilitates natural hand positioning and optimal visibility during membrane transfer and suturing.
- **Non-Reflective Finish** Minimizes glare under operating microscope, enhancing surgical focus and reducing eye strain.
- **Autoclavable Surgical Grade Steel** Crafted from high-quality stainless steel for durability, repeated sterilization, and long-term use.

Ultra fine 25G Vitro Retinal Forcep



Product Code	Descriptions	Qty. Per Box
AOPL00PSMSF	Pelayes-Singh Amniotic Membrane Forceps	1 Pc.

# RETINA

## Intravitreal Injection Kit

Akriti's Intravitreal Injection Kit is precision-engineered to support retinal specialists in delivering safe, sterile, and effective pharmacologic therapy for posterior segment conditions. Designed for anti-VEGF, steroid, and other intravitreal injections, the kit ensures procedural efficiency and patient comfort in both clinical and surgical settings.

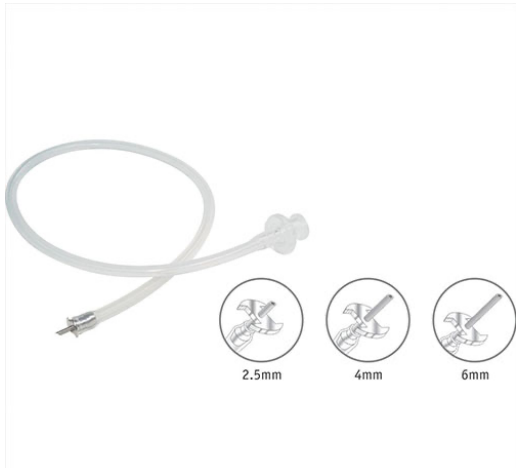


- Contains sterile pack of
- Iodine Swab Stick (3)
- Eye Speculum (1)
- Plastipak BD Syringe 1ml (1)
- Microlance 30G Needle (1)
- Cotton Tipped Applicator (3)

Product Code	Descriptions	Qty. Per Box
AOPL/IVK001	Intravitreal Injection Kit	10 Pc.

# RETINA

## Vitrectomy Infusion Cannula



Disposable cannula used for infusion of irrigation fluids or surgical fluids like silicon oil/PFCL during vitreo-retina ophthalmic surgical procedures.

- Thin wall stainless steel tube is used for maximum flow
- Designed especially for silicon oil injection
- Superior grip of silicon tube at cannula end as well as connector end

Product Code	Descriptions	Qty. Per Box
AOPL/E1/2.5	2.5 mm tip (20G)	10 Pc.
AOPL/E1/4.0	2.5 mm tip (20G)	10 Pc.
AOPL/E1/6.0	2.5 mm tip (20G)	10 Pc.

## Backflush Handle (Active Aspiration)



This instrument incorporates a silicon backflush reservoir on the conventional Charles flute handle which helps in safe backflushing of the incarcerated tissue during active aspiration of intraocular fluids.

- EO Sterile
- Disposable

Product Code	Descriptions	Qty. Per Box
AOPL/E17	Backflush Handle (Active Aspiration)	10 Pc.

# RETINA

## Backflush Handle (Passive Aspiration)



This instrument incorporates a silicon backflush reservoir on the conventional Charles flute handle which helps in safe backflushing of the incarcerated tissue during passive aspiration of intraocular fluids.

- Supplied unsterile
- User friendly design/ergonomic grip

Product Code	Descriptions	Qty. Per Box
AOPL/MIPL/N7	Backflush Handle	1 Pc.

## Backflush Flute Needle With Silicone Tip Cannula



This instrument incorporates a silicon backflush reservoir on the conventional Charles flute handle as well as a silicon tip needle.

- EO Sterile
- Disposable

Product Code	Descriptions	Qty. Per Box
AOPL/E3/20G	Backflush Flute needle with silicon tip cannula – 20G	1 Pc.
AOPL/E3/20G	Backflush Flute needle with silicon tip cannula – 23G	1 Pc.

# RETINA

## Intraocular Magnet



A set of changeable tips with a rare earth magnet handle for atraumatic removal of magnetic foreign bodies during a VR surgery.

Set of easily changeable Tips

- Posterior segment
- 16g, 18g, 20g, and 23g

– Anterior segment – 1 no

Stainless Steel Handle

Extremely strong rare earth magnets used

User friendly design/ergonomic grip

Supplied in a sterilization tray

Free sterilization tray supplied with the magnet.

Product Code	Descriptions	Qty. Per Box
AOPL/G6/Sm	Intraocular Magnet	1 Pc.

## Steady Ring (Self Stabilizing Ring)



A disposable vitrectomy ring to stabilize the vitrectomy lenses without sutures during a VR surgery.

- Special ‘tripod design’ for better stability during vitreo-retinal surgical procedures
- Eliminates the need for a skilled assistant
- No need to suture the lens to the sclera during the surgery
- Supplied Unsterile.

Product Code	Descriptions	Qty. Per Box
D13/SI	Steady Ring(Sillicone)	1 Pc.

## RETINA

# i-SAFE™

## LASER SAFETY GLASSES



AOPL0015 IPL02

- OD4+, VLT 15%. Suitable for 405nm, 445nm, 450nm, 510nm, 532nm, 585nm, 635nm, 650nm, 755nm, 808nm, 1064nm laser light for laser beauty treatment
- Adjustable and Comfortable: The IPL laser glasses arms are adjustable in 4 gears to fit most people and without slipping; The Wrap-around design protect eyes from laser damage in all directions, you will not feel tired when wearing it for a long-time laser work
- Lightweight, Anti-fog, Anti-blue light, Scratch-Resistant, Block UV, Blue, Red and Infrared Laser Light, both protection and clear
- Certification: US ANSI Z136.1 and ANSI Z87.1
- Widely Use: The protective eyewear are special glasses for preventing laser from harming human eyes, widely suitable for various laser working environments. such as optical experiments, laser tattoo, laser marking, cutting, laser beauty and laser welding, etc



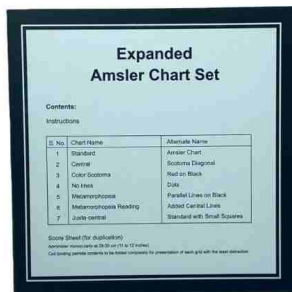
AOPL0015 IPL03

Product Code	Descriptions	Qty. Per Box
AOPL0015 IPL02	Laser Safety Glasses for 405nm, 445nm, 450nm, 510nm, 532nm, 585nm, 635nm,	1 pc
AOPL0015 IPL03	Laser Safety Glasses for for Red Laser	1 pc

# RETINA

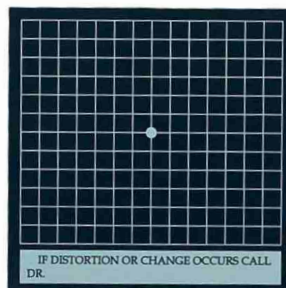
## Amsler Grid

The Amsler Grid is a square-shaped grid used to detect or monitor metamorphopsia or scotoma involving the central visual field in various disorders of the macula and optic nerve head. Specifically, it is used as an inexpensive home monitoring device for early detection of metamorphopsia due to wet age-related macular degeneration. Also, it may be used as a macular function test before cataract surgery.



### Expanded Amsler Chart Set

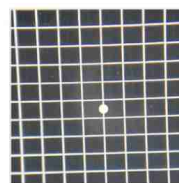
This is an expanded version of our popular Amsler Book and provides 7 Amslers and a score sheet master. In addition to the 4 grids we've always included, this expanded booklet adds the White Dots, Parallel Line and Parallel Line with Central Line Grids. In addition to the Standard Grid, the Red on Black is used to diagnose a color scotoma. The White Dots Grid reveals a scotoma without distortion. The two Parallel Line Grids are used for with patients needing a more simplified Amsler and are presented both horizontally and vertically. Each of the small squares on the Grid with Small Squares approximates 1/2 degree and is used for patients with small, central scotomata.



### Amsler Grid for Home use

The Amsler grid can help detect early signs of retinal disease and monitor changes in vision after diagnosis. If you have dry age-related macular degeneration (AMD), it is important to monitor your vision with an Amsler grid.

### Amsler O Scope



Product Code	Descriptions	Qty. Per Box
AOPL/AG/001	Pocket Amsler	1 Pc.
AOPL/AG/002	Expanded Amsler Grid Chart Set	10 Pc.
AOPL/AG/003	Amsler O Scope	5 Pc.



**SMART**  
TECHNOLOGY

## VISION & GLASSES

# EQUIPMENTS

## Occluder

**Versatile Vision Testing. One Tool. Multiple Functions.**  
 Akriti's all-in-one occlusion solution for refraction, binocular testing, and visual acuity assessment.

The Akriti Combo Occluder is a multifunctional diagnostic tool used by ophthalmologists and optometrists during routine eye examinations. Designed for both adult and pediatric use, it combines occlusion, pinhole testing, and pupil measurement in a single, ergonomic device—streamlining clinical workflow and enhancing diagnostic accuracy.



- Clinical Applications**
- Visual acuity testing
  - Refraction and pinhole assessment
  - Binocular vision evaluation
  - Pupil size measurement
  - Pediatric and adult eye exams

Product Code	Descriptions	Qty. Per Box
AOPL0018MRG	Combo Occluder with Maddox Rod Green	10 Pc.
AOPL0018MRR	Combo Occluder with Maddox Rod Red	10 Pc.
AOPL0018MRW	Combo Occluder with Maddox Rod White	10 Pc.
AOPL0018-RL	Combo Occluder with Red Lens	10 Pc.
AOPL0018SPH	Combo Occluder with Single Pin hole	10 Pc.
AOPL0018-FS	Combo Occluder -Spielman Opaque Occluder	10 Pc.

# EQUIPMENTS

## Multi Pinhole Occluder

Versatile. Patient-Friendly. Clinically Essential.

The **Akriti Lorgnette Occluder** is a trusted diagnostic tool designed to streamline ophthalmic and optometric examinations. Its ergonomic design allows patients to hold the occluder themselves—freeing the examiner’s hands for precision work and enhancing clinical efficiency.

### Designed for All Ages

- Suitable for adults and children alike
- Easy-to-use format encourages patient cooperation
- Ideal for vision screening, refraction, and acuity testing

### Integrated Multi-Pinhole Drop-In

- Features 17 precision pinholes for refractive assessment
- Temporarily focuses incoming light, bypassing refractive errors such as myopia
- Aids in determining whether reduced visual acuity is due to refractive error or underlying ocular pathology
- Supports Rx lens verification and differential diagnosis

### Clinical Utility in Mydriatic Patients

- Assists in visual acuity testing when the iris cannot contract
- Simulates retinal projection similar to a non-cycloplegic eye
- Enhances diagnostic accuracy during dilated eye exams

### Key Benefits

- Lightweight and durable
- Easy to disinfect and reuse
- Popular among eye care professionals for its multifunctional design



Product Code	Descriptions	Qty. Per Box
AOPL/LPO	Akriti Multi Pinhole Occluder	10 Pc.

# EQUIPMENTS

## Red-Green Flipper

**Binocular Balance. Visual Clarity. Therapeutic Precision.**  
 A dynamic tool for assessing and training accommodative and binocular function.

Akriti's Red-Green Flipper is a specialized optometric device used in vision therapy and binocular assessment. It helps evaluate suppression, fusion, and accommodative flexibility by alternating red and green filters in front of the eyes. Ideal for clinics, hospitals, and rehabilitation centers, this tool supports both diagnostic and therapeutic applications.

- Key Features**
- Dual-Sided Flipper: One side red, one side green—easy to alternate during exercises
  - High-Quality Optical Filters: Ensures consistent color transmission and clarity
  - Ergonomic Handle: Lightweight, durable, and easy to manipulate during sessions
  - Visual Therapy Ready: Compatible with red-green charts, stereograms, and fusion cards
  - Non-Invasive & Reusable: Safe for repeated clinical use

- Clinical Applications**
- Suppression testing in amblyopia and strabismus
  - Binocular vision training
  - Accommodative facility exercises
  - Fusion and vergence therapy
  - Pediatric and neuro-optometric rehabilitation

- Instructions for Use**
- Present red-green chart or stereogram to the patient.
  - Hold the flipper in front of the eyes, alternating red and green filters.
  - Observe patient response, fusion ability, or suppression signs.
  - Use in conjunction with other therapy tools for enhanced outcomes.



Product Code	Descriptions	Qty. Per Box
AOPL0016-RG	Reversing Red/Green Flippers	10 Pc.

## EQUIPMENTS

# Red-Blue Flipper

**Stimulate Fusion. Train Suppression. Empower Recovery.**  
 A dynamic tool for binocular vision therapy and neuro-optometric rehabilitation.

Akriti's Red-Blue Flipper is a specialized optometric device used to assess and enhance binocular function, fusion response, and suppression control. By alternating red and blue filters in front of the eyes, clinicians can engage patients in targeted visual exercises that support recovery from amblyopia, strabismus, and convergence insufficiency.

### Key Features

- Dual-Sided Flipper: One red lens, one blue lens—easy to alternate during therapy
- High-Quality Optical Filters: Consistent color transmission for accurate response
- Ergonomic Handle: Lightweight, durable, and easy to manipulate
- Therapy-Compatible: Works with red-blue charts, stereograms, and fusion cards
- Non-Invasive & Reusable: Safe for repeated clinical use across age groups

### Clinical Applications

- Amblyopia suppression therapy
- Binocular fusion training
- Convergence insufficiency rehabilitation
- Pediatric and neuro-optometric therapy
- Visual perceptual exercises

### Instructions for Use – Summary

- Present red-blue chart or fusion card to the patient.
- Hold the flipper in front of the eyes, alternating red and blue filters.
- Observe fusion, suppression, or discomfort responses.
- Use in conjunction with other therapy tools for enhanced outcomes.



Product Code	Descriptions	Qty. Per Box
AOPL0016-RB	Reversing Red/Blue Flippers	10 Pc.

## EQUIPMENTS

# Alternative Flipper

### Train. Test. Transform. A dynamic

Tool for assessing accommodative flexibility and binocular vision performance

Akriti's Alternative Flipper is a versatile optometric device used in vision therapy and clinical diagnostics to evaluate and enhance accommodative response and binocular coordination. By alternating lenses of different powers, it helps train the eyes to adjust focus rapidly and accurately—essential for reading, learning, and daily visual tasks

### Key Features

- Dual-Sided Flipper: Contains two pairs of lenses with alternating powers (e.g., +2.00/-2.00 or +1.50/-1.50)
- High-Quality Optics: Precision-ground lenses for consistent clarity and response
- Ergonomic Handle: Lightweight, durable, and easy to manipulate during exercises
- Therapy-Compatible: Ideal for use with near charts, accommodative targets, and fusion tools
- Reusable & Non-Invasive: Safe for repeated use across age groups

### Clinical Applications

- Accommodative facility training
- Binocular vision assessment
- Convergence insufficiency therapy
- Pediatric and neuro-optometric rehabilitation
- Visual fatigue and reading difficulty evaluation



Product Code	Descriptions	Qty. Per Box
AOPL0016-AL025	Alternating Flipper - +/- 0.25 lenses, Occluding lenses	10 Pcs
AOPL0016-AL050	Alternating Flipper - +/- 0.50 lenses, Occluding lenses	10 Pcs
AOPL0016-AL075	Alternating Flipper - +/- 0.75 lenses, Occluding lenses	10 Pcs
AOPL0016-AL100	Alternating Flipper - +/- 1.00 lenses, Occluding lenses	10 Pcs
AOPL0016-AL125	Alternating Flipper - +/- 1.25 lenses, Occluding lenses	10 Pcs
AOPL0016-AL150	Alternating Flipper - +/- 1.50 lenses, Occluding lenses	10 Pcs
AOPL0016-AL175	Alternating Flipper - +/- 1.75 lenses, Occluding lenses	10 Pcs
AOPL0016-AL200	Alternating Flipper - +/- 2.00 lenses, Occluding lenses	10 Pcs
AOPL0016-AL250	Alternating Flipper - +/- 2.50 lenses, Occluding lenses	10 Pcs
AOPL0016-A300	Alternating Flipper - +/- 3.00 lenses, Occluding lenses	10 Pcs

## EQUIPMENTS

# Accommodative Confirmation Flipper

**Train Focus. Strengthen Response. Restore Balance.**  
 A dynamic optometric tool for evaluating and enhancing accommodative and binocular flexibility.

Akriti's Conformation Flipper is a specialized vision therapy device designed to assess and train the eyes' ability to shift focus between different lens powers. It supports accommodative facility exercises and binocular coordination, making it ideal for patients with convergence insufficiency, accommodative dysfunction, or post-neurovisual rehabilitation needs.

### Key Features

- Dual-Sided Lens Pairs: Alternating powers (e.g., +2.00/-2.00 or +1.50/-1.50) for rapid focus training
- Precision Optics: High-quality lenses for consistent clarity and therapeutic accuracy
- Ergonomic Handle: Lightweight, durable, and easy to flip during exercises
- Therapy-Compatible: Works with near charts, accommodative targets, and fusion tools
- Reusable & Non-Invasive: Safe for repeated use across age groups

### Clinical Applications

- Accommodative facility training
- Binocular vision therapy
- Convergence insufficiency rehabilitation
- Pediatric and neuro-optometric therapy
- Visual fatigue and reading difficulty evaluation



Product Code	Descriptions	Qty. Per Box
AOPL0016-AC025	Accommodative Confirmation Flipper 0.25 D	10 Pc.
AOPL0016-AC050	Accommodative Confirmation Flipper 0.50 D	10 Pc.
AOPL0016-AC075	Accommodative Confirmation Flipper 0.75 D	10 Pc.
AOPL0016-AC100	Accommodative Confirmation Flipper 1.05 D	10 Pc.
AOPL0016-AC125	Accommodative Confirmation Flipper 1.25 D	10 Pc.
AOPL0016-AC150	Accommodative Confirmation Flipper 1.50 D	10 Pc.
AOPL0016-AC175	Accommodative Confirmation Flipper 1.75 D	10 Pc.
AOPL0016-AC200	Accommodative Confirmation Flipper 2.00 D	10 Pc.
AOPL0016-AC225	Accommodative Confirmation Flipper 2.25 D	10 Pc.
AOPL0016-AC250	Accommodative Confirmation Flipper 2.50 D	10 Pc.
AOPL0016-AC275	Accommodative Confirmation Flipper 2.75 D	10 Pc.
AOPL0016-AC300	Accommodative Confirmation Flipper 3.00 D	10 Pc.

# VISION & ACCESSORIES

## D15 Color Vision Test



AOPL00D15

D15 Test for Congenital and Acquired color defects.

The D15 contains a reference disc holding notation 10 B 5 4 and fifteen numbered discs which make up an incomplete color circle. The patient arranges the discs and then evaluation of the patients arrangement separates 'normal' color perception from moderate and strong defects in deutan, protan or tritan axis color discrimination. The D-15 is housed in a plexiglass container. the disks are spread out on a table and arranged by the patient. The D15 test is a subset of the well known Farnsworth 100 Hue Test. It is intended for classification instead of in-depth study of color vision defects. The D-15 and 100 hue tests are correlated.

Growing Importance of Color deficiency Screening. In addition to congenital color deficiency screening there is growing evidence that adult acquired color deficiency, especially in yellow and blue perception, can indicate medical toxicity and other problems. Increasingly complex security and medical systems also require verification of all three types of color receptors.

### How the D-15 test works:

The D15 is called 'dichotomous' because it is designed to separate subjects into one of two groups, 1) Strongly color deficient or 2) Mildly color deficient or color normal. This is accomplished by the arrangement of vivid (saturated) colored discs. A perfect score shows normal color perception. A nonperfect score is used to determine a medium or strong color deficiency.

Product Code	Descriptions	Qty. Per Box
AOPL00D15	D15 Color Vision Test	1 Pc.

# VISION & ACCESSORIES

## Clinical Trial Sets



Category	Details
Packaging	Wooden Box (Illuminated & Non-Illuminated)
Lens Types	Cylindrical & Spherical
Total Pairs	20.00 pairs each (Cylindrical & Spherical)
Cylindrical Range	- 0.25 to 4.00 in 0.25 steps - 4.50 to 6.00 in 0.50 steps - 7.00 to 14.00 in 1.00 steps
Spherical Range	- 0.25 to 3.50 in 0.25 steps - 4.00 to 6.00 in 0.50 steps
Prism Range	1.00 PD to 10 PD in
Accessories Included	Maddox Rod, Stenopaic Slit, Pinhole, 2 Blank Discs, Red Glass, Green Glass, Trial Frame

Product Code	Descriptions	Qty. Per Box
OH00001GS	Clinical Trial Set Gold & Silver	1 pc
OH00001RB	Clinical Trial Set Red & Black	1 pc
OH00001FAT	Full Aperture Trial Set	1 pc
OH00001PM	Perimeter Trial Lens Set	1 pc

## VISION & ACCESSORIES



### LED Vision Chart

**VISUAL ACUITY**  
**AKRITI VISION CHART**



#### Specifications:

- Landot C Ring
- Tumbling E
- Alphabet Random
- Numeric Random
- Dots Chart
- Pediatric Charts
- Contrast Sensitivity Charts
- Log Mar Chart
- Snellen Chart
- ETDRS Charts
- Maddox Test
- Peripheral Acuity
- Red Green (Duochrome test)
- Cross Cylinder test
- Ishihara Color Vision Charts
- Animal Parade Charts
- Astigmatic Fan
- All Regional Language

#### Chart Distance Available

6 feet, 8 feet, 10 feet, 12 feet, 15 feet, 20 feet Mirror Options

Monitor Size: 18.5 Inch

#### Eye Education Charts;

Cataract, Retina, Glaucoma, Lasik, Contact lens and Many More

Voltage: 110V, 230 Volt, 50-60 Hz

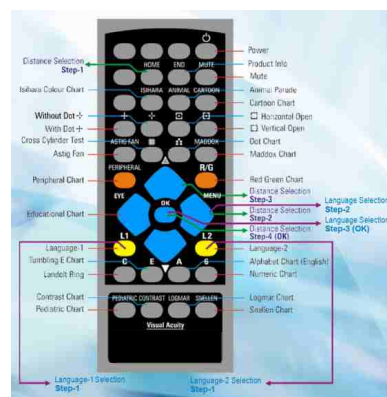
Weight: 3 kg



Product Code: AOPL00AQT



~ THE ABOVE PICTURES WERE TAKEN IN KIND ~



Product Code	Descriptions	Qty. Per Box
AOPL00AQT	LCD Vision Chart 21 inch	1 Pc.

# VISION & ACCESSORIES

## TRIAL FRAMES



\*Axis graduation of calibrated dial: Left and right calibrated dials are identical, where axis graduation line runs clockwise along axis graduation line of lens frame, 165°, 0°, 180° and 25°, with distance of graduation line being 5°.

\*Inner pore diameter of lens frame: 34 mm \*Number of lens that can be inserted into left and right lens frames at the same time: 4 pieces \*Degree that lens rotates around optic axle inside lens frame: 360°

\*Non-parallelism between lens optic axis line and geometric centre-line of lens frame: ≤2.5°

\*Misalignment between lens optic center and geometric center of lens frame: ≤0.5 mm \*Displacement of lens to position of geometric center of lens frame: ≤0.3 mm

AOPL0037TL01	Indian Metal Trial Frame	SS
AOPL0037TL02	Indian Metal Trial Frame	SS
AOPL0037TL03	Universal Trial Frame	Titanium
AOPL0037TL04	Universal Trial Frame	Titanium
AOPL0037TL05	Universal Trial Frame	Titanium
AOPL0037TL06	Pediatric Trial Frame	Polyamids
AOPL0037TL07	Occulus Trial Frame	Titanium

# VISION & ACCESSORIES

## Fixation Sticks



AOPL00FT

Product Code	Descriptions	Qty. Per Box
AOPL00FT	Fixation Sticks	3 pc

## VISION & ACCESSORIES

# Slit Lamp Elbow Rest

Elevate your slit lamp examinations with Akriti's Slit Lamp Elbow Rest Set—a simple yet essential accessory designed to enhance hand stability and reduce fatigue during detailed ophthalmic procedures.



### Purpose-Built for Precision

Whether you're performing fundus biomicroscopy, gonioscopy, or holding diagnostic lenses and filters in front of the eye, this elbow rest ensures your hand remains steady, allowing for sharper focus and smoother technique.

### Key Features

**Ergonomic Design:** Supports natural arm posture to reduce strain during prolonged procedures  
**Adjustable Height:** Twist-lock mechanism allows elevation from 9 to 14 cm for customized comfort  
**Soft Foam Padding:** Cushions the elbow for added comfort and reduced pressure points  
**Universal Compatibility:** Fits seamlessly with most slit lamp models and clinical setups  
**Durable Build:** Made from high-grade, easy-to-clean materials for long-term use

### Ideal For

Retinal imaging and laser procedures  
Contact lens assessments  
Holding diagnostic lenses (e.g., 90D, 78D, gonio lenses)  
Pediatric and low-vision evaluations requiring extra hand control

Product Code	Descriptions	Qty. Per Box
AOPL00ER	Slit Lamp Elbow Rest	1 pc

EQUIPMENTS

Reversible Bagolini Glasses

Subtle Testing. Clear Insight. Binocular Precision

A trusted tool for assessing fusion, suppression, and abnormal retinal correspondence.

Akriti's Reversible Bagolini Glasses are specialized diagnostic lenses used in binocular vision testing. Designed with finely etched striations at 45° and 135°, they help evaluate retinal correspondence and detect subtle suppression or diplopia—without disrupting natural fixation. The reversible frame allows quick switching between orientations, enhancing clinical efficiency and patient comfort.



Key Features

- Reversible Design: Easily switch between 45° and 135° striations without changing lenses
- High-Quality Optics: Precision-etched lenses for consistent light streaks
- Natural Fixation: Allows testing under normal viewing conditions
- Lightweight Frame: Comfortable for pediatric and adult patients
- Non-Invasive & Reusable: Safe for repeated clinical use
- Compatible with Standard Testing Protocols: Ideal for use with Bagolini charts and light sources

Clinical Applications

- Diagnosis of abnormal retinal correspondence (ARC)
- Detection of suppression and diplopia
- Evaluation of binocular fusion
- Monitoring progress in strabismus and amblyopia therapy
- Pediatric and neuro-optometric assessments

Product Code	Descriptions	Qty. Per Box
AOPL00RBSL	Reversible Bagolini Striated Lenses	1 Pc.

## EQUIPMENTS

# Reversible Red-Green Glasses

Binocular Balance. Suppression Testing. Seamless Switching.  
Akriti's dual-function diagnostic eyewear for fusion, suppression, and visual therapy.

Akriti's Reversible Red-Green Glasses are designed for binocular vision testing and therapy. With interchangeable red and green lenses mounted in a reversible frame, this tool allows clinicians to assess fusion, detect suppression, and support amblyopia therapy—all while maintaining natural fixation. Ideal for use with red-green charts, stereograms, and fusion cards.



### Key Features

Reversible Frame Design: Flip orientation for quick switching between red and green dominance  
Precision-Tinted Lenses: High-quality optical filters for consistent color transmission  
Lightweight & Comfortable: Suitable for both pediatric and adult patients  
Therapy-Compatible: Works with standard red-green visual aids and fusion exercises  
Reusable & Durable: Designed for repeated clinical use

### Clinical Applications

Suppression testing in amblyopia and strabismus  
Binocular fusion and vergence therapy  
Visual perceptual training  
Neuro-optometric rehabilitation  
Pediatric vision therapy programs

Product Code	Descriptions	Qty. Per Box
AOPL00RRBG	Reversible Red-Green Glasses	1 Pc.

# VISION & GLASSES

## i-Read<sup>TM</sup> Reading Glasses

The **i-Read<sup>TM</sup> Reading Glasses** by Akriti Ophthalmic are designed to support individuals experiencing presbyopia or near vision fatigue. Whether reading, writing, or using a mobile device, these glasses offer instant magnification and visual relief—without the need for a prescription. Crafted for comfort and clarity, they’re ideal for home, office, travel, and post-operative use.



BLOCK 100% HARMFUL LIGHT AND RESTORE COLOR

UV  
400

Eye Protection



Black Glare

HD

High Definition Vision



True Color

Product Code	Descriptions	Qty. Per Box
AOPL0013/300/100	Near Vision Reading Glass +1.00D	300 Pcs
AOPL0013/300/150	Near Vision Reading Glass +1.50D	300 Pcs
AOPL0013/300/200	Near Vision Reading Glass +2.00D	300 Pcs
AOPL0013/300/250	Near Vision Reading Glass +2.50D	300 Pcs
AOPL0013/300/300	Near Vision Reading Glass +3.00D	300 Pcs

# VISION & GLASSES



## Computer Vision Glasses

Protect Your Eyes. Enhance Your Focus.  
Work Smarter. Specially designed to combat digital eye strain in today's screen-heavy world.

Akriti's Computer Vision Glasses are engineered to reduce the symptoms of digital eye strain caused by prolonged exposure to screens. Whether you're working on a laptop, attending virtual meetings, or scrolling through your phone, these glasses offer a protective barrier against blue light and glare—while maintaining crystal-clear vision and all-day comfort.

### Key Features

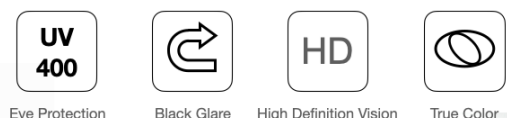
- Blue Light Filtering: Blocks harmful high-energy visible (HEV) light from screens
- Anti-Reflective Coating: Minimizes glare and improves contrast
- Zero Power (Plano): Ideal for users without refractive errors
- Lightweight Frame: Designed for extended wear without discomfort
- UV Protection: Shields eyes from ambient ultraviolet rays
- Unisex Design: Sleek, professional look suitable for all ages
- Available in Multiple Styles: Matte black, transparent, and tortoise shell finishes

### Ideal For

- IT professionals and office workers
- Students and online learners
- Gamers and content creators
- Telehealth and virtual consultation environments
- Anyone experiencing eye fatigue, dryness, or blurred vision from screen use



BLOCK 100% HARMFUL LIGHT AND RESTORE COLOR



Product Code	Descriptions	Qty. Per Box
AOPL0013/NVG002/ SVBC	Blue Cut Lens Computer Vision Glasses	300 pcs

# VISION & GLASSES



## Plano Bi-Focal Near Vision Reading Glass

Dual Clarity. Effortless Focus. Everyday Comfort.  
Designed for individuals requiring near vision correction with zero distance power.

Akriti's Plano Bi-Focal Near Vision Reading Glasses are engineered for users who need assistance with near tasks such as reading, writing, or screen use without any correction for distance vision. The bifocal design allows seamless transition between near and far viewing zones, with the upper lens remaining plano (0 power) and the lower segment offering graded near vision correction.



Product Code	Descriptions	Qty. Per Box
AOPL0013/NVG001/PB/100	Plano Bi-Focal Near Vision Reading Glass +1.00D	300 Pcs
AOPL0013/NVG001/PB/125	Plano Bi-Focal Near Vision Reading Glass +1.00D	300 Pcs
AOPL0013/NVG001/PB/150	Plano Bi-Focal Near Vision Reading Glass +1.00D	300 Pcs
AOPL0013/NVG001/PB/200	Plano Bi-Focal Near Vision Reading Glass +1.00D	300 Pcs
AOPL0013/NVG001/PB/250	Plano Bi-Focal Near Vision Reading Glass +1.00D	300 Pcs
AOPL0013/NVG001/PB/300	Plano Bi-Focal Near Vision Reading Glass +1.00D	300 Pcs

# VISION & GLASSES

i-SAFE™

## i-SAFE Medical Safety Glasses Elite

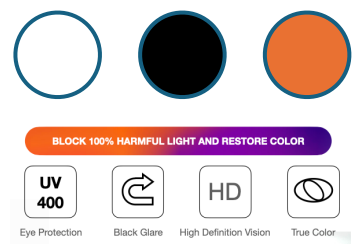
**Crystal Clear Protection. Clinical Confidence.**  
 Designed for healthcare professionals, lab technicians, and high-risk environments.

Akriti's i-SAFE Medical Safety Glasses Elite offer advanced eye protection in clinical, laboratory, and outdoor settings. Engineered from impact-resistant polycarbonate, these glasses combine optical clarity with robust shielding against airborne particles, fluids, and UV exposure.



- Key Features**
- Optical-Grade Clarity: Crystal-clear lenses for unobstructed vision
  - Shatterproof Polycarbonate: Durable and lightweight for extended wear
  - Anti-Fog Ventilation: Built-in vents prevent lens fogging during procedures
  - Side Shield Protection: Wrap-around design guards against lateral exposure

- Clinical Applications**
- Ophthalmic and surgical procedures
  - Laboratory diagnostics
  - Infection control zones
  - Patient interaction in high-risk environments
  - Motorcycle and field use (multi-purpose)



Product Code	Descriptions	Qty. Per Box
AOPL0029CL/300	i-SAFE Medical Safety Glasses Elite, Clear	300 Pcs, Unsterile
AOPL0029YL/300	i-SAFE Medical Safety Glasses Elite, Amber	300 Pcs, Unsterile
AOPL0029BK/300	i-SAFE Medical Safety Glasses Elite, Black	300 Pcs, Unsterile

VISION & GLASSES

i-SAFE™

i-SAFE Medical Safety Glasses Deluxe

**Crystal Clear Protection. Clinical Confidence.**  
Designed for healthcare professionals, lab technicians, and high-risk environments.

Akriti's i-SAFE Medical Safety Glasses Elite offer advanced eye protection in clinical, laboratory, and outdoor settings. Engineered from impact-resistant polycarbonate, these glasses combine optical clarity with robust shielding against airborne particles, fluids, and UV exposure.



BLOCK 100% HARMFUL LIGHT AND RESTORE COLOR



Eye Protection



Black Glare



High Definition Vision



True Color

Product Code	Descriptions	Qty. Per Box
AOPL0014CL/300	i-SAFE Medical Safety Glasses Deluxe, Clear	300 Pcs, Unsterile
AOPL0014YL/300	i-SAFE Medical Safety Glasses Deluxe, Amber	300 Pcs, Unsterile
AOPL0014BL/300	i-SAFE Medical Safety Glasses Deluxe, Black	300 Pcs, Unsterile

VISION & GLASSES

Diana

The **PMMA Eye Sphere** from Akriti Ophthalmic is a high-quality ocular implant designed for post-enucleation or evisceration procedures. Crafted from **medical-grade polymethyl methacrylate (PMMA)**, it offers optimal biocompatibility, structural integrity, and aesthetic restoration.



BLOCK 100% HARMFUL LIGHT AND RESTORE COLOR

UV  
400

Eye Protection



Black Glare

HD

High Definition Vision



True Color

Product Code	Descriptions	Qty. Per Box
AOPL0020/S/10	Sun Glasses Diana	300 pc

## EQUIPMENTS

### SYNOPTOPHORE



Item No : # 3501

#### AOL'S SYNOPTOPHORE

Movement of Optical Tubes	HORIZONTAL	Adduction + 50 Adduction -40
	VERTICAL	Hyper 30 hyper 30
	TORSIONAL	Incylo 20 Excylo 20
Slide Illumination	Rheostat controlled 12V Lamp for each slide. After Image illumination by 12V Lamp (for better illumination)	
Auto Flashing	Auto Flashing of Slide illuminating either SIMULTANEOUS or ALTERNATE in RAPID & VARIABLE modes. Selection Five Modes of Slide illumination namely NORMAL,	
Mode & Mode Selection	FLASHING RIGHT, FLASHING LEFT. FLASHING R+L& AUTOFLASHING, can be selected by a single selector knob. A set of slides containing 9 pairs power Cord.	
Standard Accessories	Dust Cover. Two Spare Bulb 12V.	
Optional Accessories	Instrument Table (Motorized)/Manual Table Haidinger Brushes	

Product Code	Descriptions	Qty. Per Box
AOPL00/35.01	Synoptophore	1 Pc.



**SMART**  
TECHNOLOGY

## DISPOSABLE & CONSUMABLES



**SMART**  
TECHNOLOGY

## DISPOSABLE & CONSUMABLES

# Ophthalmic Post Operative Kits

**Comfort. Compliance. Care.**

Everything your patient needs for a safe and smooth recovery.

Akriti's Post-Operative Kits are thoughtfully assembled to support patients following ophthalmic procedures such as cataract surgery, DMEK, or oculoplasty. Each kit contains essential sterile items that promote hygiene, reduce infection risk, and enhance patient comfort during the healing process.



**i-SAFE™**  
Post Operative Care Ophthalmic Kits



[www.smarttech.foundation](http://www.smarttech.foundation)

### Kit Contents

Sterile Eye Shield (vented)  
Adhesive Eye Pads  
Micropore Surgical Tape  
Sterile Gauze Swabs  
Protective Pouch  
Reading Glasses +3.00 D  
Patient Instruction Leaflet (customizable per procedure)

### Clinical Applications

Cataract surgery  
Corneal transplant (DMEK, DSAEK)  
Pterygium excision  
Oculoplastic procedures  
Pediatric and geriatric ophthalmic care

### Key Benefits

Patient-Friendly: Easy-to-use components with clear instructions  
Sterile & Safe: Individually packed items to maintain hygiene  
Procedure-Specific: Tailored for cataract, corneal, or oculoplastic recovery  
Compliance-Driven: Encourages proper post-op care and follow-up  
Custom Branding Available: Ideal for hospitals, clinics, and outreach programs

Product Code	Descriptions	Qty. Per Box
AOPLCK001	Cataract Kit with Safety Glass, Clear Medium size, Eye Shield, hypoallergic Tape, Reading Glass, with +3.00 D	300 pcs
AOPLCK002	Cataract Kit with Safety Glass Amber Lenses, Medium size, Eye Shield, hypoallergic Tape, Reading Glass, with +3.00 D	300 pcs
AOPLCK003	Cataract Kit with Safety Glass dark Blue Lenses, Medium size, Eye Shield, hypoallergic Tape, Reading Glass, with +3.00 D	300 pcs
AOPLCK004	Cataract Kit with Safety Glass Amber Lenses, Medium size, Eye Shield, hypoallergic Tape, Plano Bifocal Reading Glass, with +3.00 D	300 pcs
AOPLCK005	Cataract Kit with Safety Glass dark Blue Lenses, Medium size, Eye Shield, hypoallergic Tape, Plano Bifocal Reading Glass, with +3.00 D	300 pcs
AOPLCK006	Cataract Kit with Safety Glass Clear Lenses, Medium size, Eye Shield, hypoallergic Tape, Plano Bifocal Reading Glass, with +3.00 D	300 pcs
AOPLCK007	Cataract Kit with Safety Glass dark Blue Lenses, Medium size, Eye Shield (Green Polypropylene), hypoallergic Tape, Plano Bifocal Reading Glass, with +3.00 D	300 pcs
AOPLCK008	Lasik Kits Post Op contain Medium UV400 Cataract glasses, a wrapped polycarbonate eye shield, and Hypoallergenic paper tape (30ft). Choice of Clear, amber, Darl blue Lenses	300 pcs
AOPLCK009	Lasik Kits Post Op Lasik Kits contain Large UV400 Cataract glasses, a wrapped polycarbonate eye shield, and Hypoallergenic paper tape (30ft). Choice of Clear, amber, Darl blue Lenses	300 pcs
AOPLCK010	Cataract Kit with Safety Glass dark Blue Lenses Large size, Eye Shield Polycarbonate, hypoallergic Tape, Reading Glass, with +3.00 D	300 pcs
AOPLCK011	Cataract Kit with Safety Glass dark amber Large size, Eye Shield Polycarbonate, hypoallergic Tape, Reading Glass, with +3.00 D	300 pcs
AOPLCK012	Cataract Kit with Safety Glass Clear Lenses Large size, Eye Shield Polycarbonate, hypoallergic Tape, Reading Glass, with +3.00 D	300 pcs
AOPLCK013	Cataract Kit with Safety Glass Clear Lenses Large size, Eye Shield Polycarbonate, hypoallergic Tape, Plano Bi focal Reading Glass, with +3.00 D	300 pcs

# DISPOSABLE & CONSUMABLES

## Ophthalmic Surgical Operative Kits

Precision. Safety. Simplicity. All in One.

Akriti's Surgical Operative Kits are meticulously curated to support ophthalmic surgeons across a wide range of eye procedures—from cataract and corneal surgeries to retinal and refractive interventions. Each kit is designed to streamline the surgical experience while upholding the highest standards of sterility and performance.



S. No	Item Name	Qty. Per Box
1	Instrument Table Cover, 140X150cm	1
2	Ophthalmic Drape W/LCP, 100X120cm	1
3	Standard Gown Large	2
4	Syringe 1ml with Needle	1
5	Syringe Luer Lock 2ml	3
6	Syringe Luer Lock 5ml	1
7	Surgical Guazes Swab 7.5X7.5cm	5
8	Eye Pad Standard	1
9	Eye Shield Standard	1
10	Medical Hand Towels 40X40cm	2
11	Liquid Bowl 60ml	1
12	Eye Spheres PVA's Pk/5	1
13	Arm Chair Covers 60X60cm	2

Product Code	Descriptions	Qty. Per Box
AOPL00OSOK01	Ophthalmic Surgical Operative Kits	25 Kits



## DISPOSABLE & CONSUMABLES

### i-Drapes

## Ophthalmic Nonwoven Eye Drapes



#### **Sterile Protection. Seamless Performance.**

Engineered for ophthalmic procedures requiring precision, comfort, and contamination control.

Akriti's Nonwoven Eye Drapes are designed to provide a sterile field during ophthalmic surgeries such as cataract extraction, DMEK, and oculoplastic procedures. Made from soft, breathable nonwoven fabric, these drapes ensure patient comfort while maintaining strict aseptic conditions.

#### **Key Features**

Soft Nonwoven Fabric: Hypoallergenic, breathable, and gentle on skin  
Integrated Eye Aperture: Precisely positioned fenestration for unobstructed access  
Adhesive Border: Secure fixation around the surgical site  
Fluid Control: Absorbent zones to manage irrigation and minimize splash  
Sterile & Disposable: Individually packed for single-use application  
Latex-Free: Safe for sensitive patients

#### **Packaging & Specifications**

Available in multiple sizes and configurations  
Box of 25 or 50 sterile drapes (based on SKU)  
US FDA

#### **Clinical Applications**

Cataract surgery  
Corneal transplant (DMEK, DSAEK)  
Glaucoma procedures  
Oculoplastic and reconstructive surgeries  
Minor ophthalmic interventions



Product Code	Descriptions	Qty. Per Box
001002-100X120	i-Drapes Disposable Eye Drape with Pouch 100 cm x 120 cm pk/50	50 Pc Sterile
001002-100x100	i-Drapes Disposable Eye Drape with Pouch 100x100cm pk/50	50 Pc Sterile
001002-50x40	i-Drapes Disposable Eye Drape with Pouch 50X40cm pk/50	50 Pc Sterile
001002-80X100	i-Drapes Disposable Eye Drape with Pouch 80X100cm pk/50	50 Pc Sterile
001002-90X75	i-Drapes Disposable Eye Drape with Pouch 90X75cm pk/50	50 Pc Sterile

# Disposable Bed Sheets



Disposable Bed Sheets offered by us is high on demand by our clients. These Disposable Bedsheets are made up of fine quality of the material.

## INDICATION:

- Widely used in hospitals, Homecare

## ADVANTAGE

- High quality
- Disposable
- Protective

Product Code	Descriptions	Qty. Per Box
AOPLNWB001	GSM 25, Size : 58X90 Inch Disposable Bed Sheets	100
AOPLNWB002	GSM 30, Size : 58X90 Inch Disposable Bed Sheets	100
AOPLNWB003	GSM 40, Size : 58X90 Inch Disposable Bed Sheets	100
AOPLNWB004	GSM 50, Size : 58X90 Inch Disposable Bed Sheets	50
AOPLNWB005	GSM 60, Size : 58X90 Inch Disposable Bed Sheets	50
AOPLNWB006	GSM 70, Size : 58X90 Inch Disposable Bed Sheets	50

## DISPOSABLE & CONSUMABLES

# i-SAFE™

The **I-Safe Pediatric Eye Shield** is a specially designed post-operative protective device tailored for pediatric patients. Engineered to safeguard delicate ocular tissues after surgery or trauma, it ensures comfort, safety, and compliance during the critical healing phase.

### Key Features

- Material: Lightweight, biocompatible polymer
- Design: Contoured for pediatric facial anatomy
- Ventilation: Perforated surface for airflow and reduced fogging
- Attachment: Soft elastic band or adhesive options for secure fit
- Sterility: Supplied sterile and ready for clinical use
- Packaging: Individually packed with traceable labeling and QR code integration

### Clinical Applications

- Post-operative protection after ocular surgeries (e.g., cataract, strabismus)
- Trauma recovery and corneal injury shielding
- Prevention of accidental eye rubbing or contact
- Ideal for outpatient and home care settings
- Benefits
  - Prevents infection and mechanical trauma
  - Enhances healing outcomes with minimal discomfort
  - Promotes compliance in pediatric patients
- Trusted by pediatric ophthalmologists across India and globally

### Quality & Compliance

- Manufactured under ISO 13485-certified cleanroom conditions
- Conforms to CDSCO and international pediatric safety standards
- Backed by Akriti's legacy of ethical innovation and child-focused care



Product Code	Descriptions	Qty. Per Box
AOPL0028/U/50	Pediatric Eye Shield	50 Pcs Sterile

# DISPOSABLE & CONSUMABLES

## i-SAFE™

The **I-Safe Adult Eye Shield** is a lightweight, ergonomically designed protective device intended for use after ocular surgery or trauma. Engineered to safeguard the eye from accidental contact, dust, and environmental exposure, it supports safe recovery while maintaining patient comfort and compliance.

### Key Features

- Material: Durable, skin-safe polymer
- Design: Contoured for adult facial anatomy with ventilation slots
- Attachment Options: Soft elastic band or medical-grade adhesive
- Finish: Smooth edges for irritation-free wear
- Sterility: Supplied sterile and ready for clinical use
- Packaging: Individually packed with traceable labeling and QR code integration

### Clinical Applications

- Post-operative protection after cataract, retinal, or oculoplastic surgery
- Trauma recovery and corneal injury shielding
- Prevention of accidental eye rubbing or contact
- Ideal for outpatient care, travel, and home recovery

### Benefits

- Shields the eye from mechanical trauma and contaminants
- Enhances healing outcomes with minimal discomfort
- Promotes patient compliance and confidence
- Trusted by ophthalmic professionals across India and internationally

### Quality & Compliance

- Manufactured under ISO 13485-certified cleanroom conditions
- Conforms to CDSCO and international ophthalmic safety standards
- Backed by Akriti's legacy of ethical innovation and precision care



Product Code	Descriptions	Qty. Per Box
AOPL0025/U/50	Adult Eye Shield	50 Pcs Sterile

# DISPOSABLE & CONSUMABLES

## i-SAFE™

The **I-Safe Adult Eye Shield** is a lightweight, ergonomically designed protective device intended for use after ocular surgery or trauma. Engineered to safeguard the eye from accidental contact, dust, and environmental exposure, it supports safe recovery while maintaining patient comfort and compliance.



### Key Features

- Material: Durable, skin-safe polymer
- Design: Contoured for adult facial anatomy with ventilation slots
- Attachment Options: Soft elastic band or medical-grade adhesive
- Finish: Smooth edges for irritation-free wear
- Sterility: Supplied sterile and ready for clinical use
- Packaging: Individually packed with traceable labeling and QR code integration

### Clinical Applications

- Post-operative protection after cataract, retinal, or oculoplastic surgery
- Trauma recovery and corneal injury shielding
- Prevention of accidental eye rubbing or contact
- Ideal for outpatient care, travel, and home recovery

### Benefits

- Shields the eye from mechanical trauma and contaminants
- Enhances healing outcomes with minimal discomfort
- Promotes patient compliance and confidence
- Trusted by ophthalmic professionals across India and internationally

### Quality & Compliance

- Manufactured under ISO 13485-certified cleanroom conditions
- Conforms to CDSCO and international ophthalmic safety standards
- Backed by Akriti's legacy of ethical innovation and precision care

Product Code	Descriptions	Qty. Per Box
AOPL0028/U/100	Adult Eye Shield Polycarbonate	100 Pc Unsterile
AOPL0028/U/500	Adult Eye Shield Polycarbonate	500 Pc Unsterile

## DISPOSABLE & CONSUMABLES

# i-SAFE™

## i-SAFE™ Adult Eye Shield – Polypropylene

**Post-Operative Protection: Lightweight Comfort. Reliable Coverage.**  
Designed to safeguard the healing eye after surgery or trauma.

Akriti's i-SAFE™ Adult Eye Shield is a durable, lightweight protective device crafted from **medical-grade polypropylene**. It is used to shield the eye following ophthalmic procedures such as cataract surgery, LASIK, or oculoplasty. The shield prevents accidental contact, supports dressing integrity, and promotes safe recovery.



### Key Features

- Material: Shatterproof, non-toxic polypropylene
- Universal Fit: Ergonomically contoured for either eye
- Ventilation Design: Perforated surface allows airflow and reduces fogging
- Transparent Finish: Enables unobtrusive monitoring of the surgical site
- Secure Application: Compatible with micropore tape or elastic bands
- Unsterile, Single-Use or Reusable: Based on clinical protocol

### Clinical Applications

- Cataract and refractive surgery recovery
- Oculoplastic and trauma protection
- Post-operative dressing support
- Pediatric and adult ophthalmic care

Product Code	Descriptions	Qty. Per Box
AOPL0026/U/100/G	<b>Adult Eye Shield – Polypropylene</b>	100 Pc Unsterile
AOPL0026/U/500/G	<b>Adult Eye Shield – Polypropylene</b>	500 Pc Unsterile

# DISPOSABLE & CONSUMABLES

## i-SAFE™

### i-SAFE™ Pediatric Eye Shield – Polycarbonate

**Gentle Protection. Child-Safe Comfort. Trusted Recovery.**  
Specially designed to safeguard young eyes during post-operative healing.

The **I-Safe Pediatric Eye Shield** is a specially designed post-operative protective device tailored for pediatric patients. Engineered to safeguard delicate ocular tissues after surgery or trauma, it ensures comfort, safety, and compliance during the critical healing phase.

#### Key Features

- Material: Lightweight, biocompatible polymer
- Design: Contoured for pediatric facial anatomy
- Ventilation: Perforated surface for airflow and reduced fogging
- Attachment: Soft elastic band or adhesive options for secure fit
- Sterility: Supplied sterile and ready for clinical use
- Packaging: Individually packed with traceable labeling and QR code integration



#### Clinical Applications

- Post-operative protection after ocular surgeries (e.g., cataract, strabismus)
- Trauma recovery and corneal injury shielding
- Prevention of accidental eye rubbing or contact
- Ideal for outpatient and home care settings
- Benefits
  - Prevents infection and mechanical trauma
  - Enhances healing outcomes with minimal discomfort
  - Promotes compliance in pediatric patients
  - Trusted by pediatric ophthalmologists across India and globally

#### Quality & Compliance

- Manufactured under ISO 13485-certified cleanroom conditions
- Conforms to CDSCO and international pediatric safety standards
- Backed by Akriti's legacy of ethical innovation and child-focused care

Product Code	Descriptions	Qty. Per Box
AOPL0028/U/100	Pediatric Eye Shield Polycarbonate	100 Pc Unsterile
AOPL0028/U/500	Pediatric Eye Shield Polycarbonate	500 Pc Unsterile

# DISPOSABLE & CONSUMABLES

i-SAFE™

## i-SAFE™ Pediatric Eye Shield – Polypropylene

**Gentle Protection. Child-Safe Comfort. Trusted Recovery.**  
 Specially designed to safeguard young eyes during post-operative healing.

The **I-Safe Pediatric Eye Shield** is a specially designed post-operative protective device tailored for pediatric patients. Engineered to safeguard delicate ocular tissues after surgery or trauma, it ensures comfort, safety, and compliance during the critical healing phase.



### Key Features

- Child-Specific Design: Scaled for pediatric facial anatomy
- Material: Non-toxic, shatterproof polypropylene
- Ventilation Holes: Allow airflow to prevent fogging and skin irritation
- Smooth Edges: Gentle on delicate skin and surgical dressings
- Transparent Finish: Enables visual monitoring of the eye
- Secure Fit: Compatible with micropore tape or elastic bands
- Unsterile, Single-Use or Reusable: Based on clinical protocol

### Clinical Applications

- Pediatric cataract surgery recovery
- Oculoplastic and trauma protection
- Post-operative dressing support
- Safe shielding during sleep and play

Product Code	Descriptions	Qty. Per Box
AOPL0027/U/100	Pediatric Eye Shield- Polypropyleye	100 Pc Unsterile
AOPL0027/U/500	Pediatric Eye Shield- Polypropyleye	500 Pc Unsterile

# DISPOSABLE & CONSUMABLES

## Schirmer Tear Test Strips

**Quantify Tear Production. Diagnose Dry Eye.**

A simple, reliable tool for assessing lacrimal gland function.

Akriti's Schirmer Tear Test Strips are precision-cut diagnostic tools made from high-grade **Whatman® No. 41 filter paper**, designed to measure tear production in patients with suspected dry eye syndrome or other ocular surface disorders. Each strip is **individually wrapped**, **sterile**, and **clearly gauged** for easy reading.

### Key Features

High Absorbency: Whatman® No. 41 ensures consistent tear uptake

Sterile & Individually Packed: Maintains hygiene and convenience

Pre-Calibrated Scale: Millimeter markings for accurate measurement

Non-Invasive: No anesthesia required for reflex tear evaluation

Clinically Trusted: Widely used in ophthalmology and optometry practices

### Clinical Applications

Dry Eye Syndrome (Keratoconjunctivitis Sicca)

Sjögren's Syndrome

Lacrimal gland dysfunction

Pre- and post-operative tear assessment

Monitoring chronic ocular surface disease



Product Code	Descriptions	Qty. Per Box
AOPL/10012	Tear Strips	100 Pc. (Sterile)

## DISPOSABLE & CONSUMABLES

# Fluorescein Sodium Ophthalmic Strips

**Visualize. Diagnose. Protect.**

Trusted tool for corneal surface evaluation and contact lens assessment.

Akriti's Fluorescein Diagnostic Strips are the gold standard for identifying corneal epithelial defects, abrasions, and cellular loss. Widely used in ophthalmic clinics and hospitals, these sterile strips provide rapid, reliable staining for anterior segment evaluation.

### Key Applications

- Corneal Abrasions & Ulcers: Highlights epithelial disruptions
- Contact Lens Fitting: Assesses lens alignment and movement
- Applanation Tonometry: Enhances visibility of mires during IOP measurement
- Foreign Body Detection: Reveals subtle trauma or retained particles

### Packaging Details

- Box of 100 individually packed sterile strips
- Non-toxic, latex-free, and easy to handle
- Long shelf life with moisture-resistant packaging



Product Code	Descriptions	Qty. Per Box
AOPL/10013	Fluorescein Sodium Ophthalmic Strips	100 Pc. (Sterile)

## DISPOSABLE & CONSUMABLES

# Cotton Tip Applicator Q-Tip

High-quality construction for superior safety and dependability. Highly absorbent, extra-soft cotton tips ensure patient comfort. Latex free, recyclable and biodegradable.



Product Code	Descriptions	Qty. Per Box
Q-Tip	Cotton Tip Applicator Q-Tip	100 Pc. (Sterile)

## DISPOSABLE & CONSUMABLES

# i-Blade™

### Ophthalmic Blade

Akriti Ophthalmic Pvt Ltd, a trusted name in precision eye care, offers **surgical blades engineered specifically for cataract procedures**, combining ergonomic design with uncompromising sharpness and safety. Designed for clean incisions with minimal tissue trauma, ensuring optimal wound architecture and faster healing, with Crafted to support natural hand posture and reduce fatigue during delicate maneuvers.



Product Code	Descriptions	Qty. Per Box
AOPL9057	i-Blades Crescent Blades 20G	10 Pc. (Sterile)
AOPL9036	i-Blades Crescent Blades 20G	10 Pc. (Sterile)
AOPL9055	i-Blades Keratome Blade 16G Blunt Tip	10 Pc. (Sterile)
AOPL9051	i-Blades Keratome Blade 16G	10 Pc. (Sterile)
AOPL9035	i-Blades Keratome Blade 18G Blunt Tip	10 Pc. (Sterile)
AOPL9018	i-Blades Keratome Sharp Tip, 20G	10 Pc. (Sterile)
AOPL9023	i-Blades Keratome Sharp Tip, 20G	10 Pc. (Sterile)
AOPL9020	i-Blades Keratome Sharp Tip, 20G	10 Pc. (Sterile)
AOPL9028	i-Blades Keratome Sharp Tip, 20G	10 Pc. (Sterile)
AOPL9015	i-Blades Keratome Sharp Tip, 24G	10 Pc. (Sterile)
AOPL9026	i-Blades Keratome Sharp Tip, 24G	10 Pc. (Sterile)
AOPL9215	i-Blades Lance Tip 15 Degree, 24G	10 Pc. (Sterile)
AOPL9620	i-Blades MVR 20G	10 Pc. (Sterile)
AOPL9616	i-Blades MVR 19G	10 Pc. (Sterile)
AOPL9030	i-Blades, Lance Tip 30 Degree, 24G	10 Pc. (Sterile)



**SMART**  
TECHNOLOGY

## EDUCATION

## EDUCATION

# Eye Disease Simulator Kit

See Through Their Eyes. Understand to Heal.  
 A transformative tool for visualizing common eye conditions and enhancing patient-provider communication.

Developed by Dr. Kuldeep Raizada for Orbis International, the Eye Disease Simulator by Akriti Ophthalmic offers an immersive experience that replicates how various eye conditions affect vision. It empowers clinicians, educators, and patients to understand the real-world impact of ocular diseases—bridging the gap between diagnosis and empathy.



Condition	Simulation Experience
Cataract	Blurred vision, glare, and reduced night visibility
Glaucoma	Tunnel vision and peripheral vision loss
Retinal Pathologies	Dark spots, distortion, and central vision impairment,
Refractive Errors	Blurred or distorted vision at varying distances
Amblyopia	Reduced input from one eye, affecting depth perception
Ptosis	Drooping eyelid limiting the visual field

Product Code	Descriptions	Qty. Per Box
AOPL00EDSK	Eye Disease Simulator Kit	1 Pc.



**SMART**  
TECHNOLOGY

## SURGICAL INSTRUMENTS



## Surgical Instruments

Forcep tying straight with platform  
Overall Length 87Mm  
**ST0030**



Forceps tying straight castroviejo with platform,  
Over all Length 109mm  
**ST0030A**



Forceps tying straight Kirby with platform, Over all Length 103mm  
**ST00333**



Forceps tying curved with platform,  
Over all Length 87mm  
**ST0036**



Forceps tying curved castreivijo with platform,  
Over all Length 109mm  
**ST0036A**



Forcep tying curved Kirby with platform, Over all Length 103mm  
**ST0039**



Forceps tying colibri with platform,  
Over all Length 83mm  
**ST0042**



Forceps tying colibri with platform,  
Over all Length 83mm  
**ST0042**



Forceps McPherson angled 10mm, with platform,  
Over all Length 87mm  
**ST0048**



Forceps McPherson Angled 12mm, castroviejo with platform,  
Over all Length 109mm  
**ST0048A**



Forceps McPherson angled 12mm, with platform,  
Over all Length 85 mm  
**ST0054**





## Surgical Instruments

Forceps  
capsulorhexis straight  
overall length 85mm  
**ST0060**



Utrata Forceps  
capsulorhexis Castroviejo  
overall length 109mm  
**ST0060A**



Utrata Forceps capsulorhexis  
kirby round handle  
overall length 103mm  
**ST0063**



Utrata Forceps  
capsulorhexis curved shaft  
kirby round handle  
overall length 103mm  
**ST0063A**



Utrata Forceps  
capsulorhexis curved shaft  
overall length 85mm  
**ST0066**



Utrata Forceps  
capsulorhexis curved shaft  
castroviejo handle  
overall length 109mm  
**ST0069**



Capsulorhexis Forcep  
23 gauge Curved Shaft  
with micro grasping tip  
**ST0069A**



Corneal Forceps toothed 0.12mm/0.2mm,  
1x2 teeth with tying platform straight  
overall length 87mm  
**ST0072**



Corneal Forceps toothed  
0.12mm/0.2mm, 1x2 teeth  
with tying platform straight  
castroviejo handle  
overall length 107mm  
**ST0072A**



Corneal Forceps toothed  
0.12mm/0.2mm, 1x2 teeth  
with tying platform kirby  
round handle, overall length 103mm  
**ST0075**



Corneal Forceps toothed 0.12/0.2mm,  
1x2 teeth with tying platform curved  
overall length 87mm  
**ST0078**



Corneal Forceps toothed  
0.12mm, 1x2 teeth with tying  
platform/curved kirby round  
handle, overall length 107mm  
**ST0078A**





## Surgical Instruments

Corneal Forceps colibri  
0.12mm, 1x2 teeth with tying  
platform kirby round handle  
overall length 103mm  
**ST0081**



Colibri Forceps 0.12mm,  
1x2 teeth with tying platform  
overall length 83mm  
**ST0084**



Polock Corneal Suturing forceps  
very delicate double  
1x2 teeth 0.12mm  
overall length 83mm  
**ST0084A**



Lims Forceps 0.12mm/0.2mm,  
1x2 teeth with tying platform  
overall length 93mm  
**ST0087**



Lims Forceps pierse  
type with tying platform  
overall length 87mm  
**ST0087A**



Lims Forceps 0.12mm/0.2mm,  
1x2 teeth with tying platform  
overall length 87mm  
**ST0087B**



Forceps notched straight  
pierce with tying platform  
overall length 87mm  
**ST0090**



Forceps notched curved  
pierce with tying platform  
overall length 87mm  
**ST0096**



Forceps notched colibri  
pierce with tying platform  
overall length 83mm  
**ST00102**



Forceps pierse type with  
tying platform kirby round  
handle, overall length 103mm  
**ST00105**



Forceps capsule tag  
1.5mm platform at tips  
overall length 85mm  
**ST00108**





## Surgical Instruments

Forcep eye dressing  
serrated delicate,  
overall length 100mm  
**ST00111**



Forcep fixation 1x2 teeth  
overall length 90mm  
**ST00114**



Forcep  
superior rectus toothed  
overall length 115mm  
**ST00117**



Inomura  
Capsulorhexis Forceps  
overall length 115mm  
**ST00120**



Chalozion  
Hunt Forceps  
overall length 95mm  
**ST00123**



Chalozion Forceps  
Oval Shape  
overall length 95mm  
**ST00126**



Jwellers Forceps  
overall length 100mm  
**ST00129** Straight Fine  
**ST00132** Straight with platform



Faulkner Soft IOL  
Holding Forceps  
overall length 109mm  
**ST00135**



Lens holding  
forceps 'T' type  
overall length 110mm  
**ST0003**



Lens holding forceps  
McPherson type  
overall length 103mm  
**ST0009**



Lens holding  
forceps 'L' type  
overall length 110mm  
**ST0015**





## Surgical Instruments

Lens holding  
forceps kratz  
smooth curved jaws  
overall length 110mm  
**ST0021**



Lens holding  
forceps Daljit model  
overall length 85mm  
**ST0024**



Needle holder barraquer  
straight without lock  
overall length 113mm  
**ST00300**



Needle holder barraquer  
straight with lock  
overall length 113mm  
**ST00306**



Needle holder barraquer  
curved without lock,  
overall length 113mm  
**ST00312**



Needle Holder  
Baraquer W/o Lock  
Accurate Curved  
overall length 113mm  
**ST00315**



Needle holder barraquer  
curved with lock,  
overall length 113mm  
**ST00318**



Needle holder  
barraquer long model  
overall length 135mm  
**ST00321**



Needle holder  
castroviejo curved  
delicate without lock  
overall length 113mm  
**ST00336**





## Surgical Instruments

Needle holder castroviejo  
long curved  
overall length 120mm  
**ST00342** with lock  
**ST00345** without lock



Needle holder castroviejo  
long straight  
overall length 120mm  
**ST00348** with lock  
**ST00351** without lock



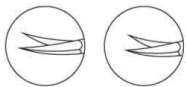
Scissor corneal  
universal curved  
overall length 100mm  
**ST00240**



Scissor corneal straight  
overall length 100mm  
**ST00243**



Scissor vannas curved  
short blade/ long blade  
overall length 95mm  
**ST00246**



Scissor vannas straight  
overall length 95mm  
**ST00249**



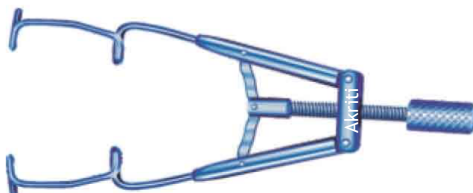
Scissor vannas angled  
upward capsulotomy  
overall length 95mm  
**ST00252**



Speculum, adjustable  
overall length 82mm  
**ST00255** with 15mm solid blade for adults.  
**SST255A** with 11mm solid blade for infants & child



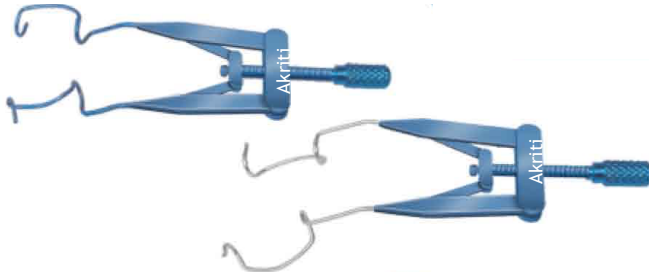
Speculam adjustable spread  
for phaco / lasik  
overall size 82mm  
**ST00258**





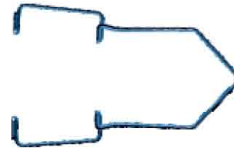
## Surgical Instruments

Lieberman Speculum adjustable  
open wire blade  
**ST00261**



Speculum adjustable  
open wire blade S.S.  
**ST00264**

Kratz-Barraquer Wire Speculum  
with open blades for unobstructed  
access to the cataract incision adult / child  
**SS-267**



Phaco silicon  
soft lens folder  
overall length 108mm  
**ST0021**



Phaco silicon soft lens  
insertor with lock  
overall length 115mm  
**ST0027**



Phaco acrylic lens folder  
overall length 110mm  
**ST0030**



Phaco acrylic lens insertor  
overall length 108mm  
**ST0033**



Phaco acrylic soft  
lens folder box type  
overall length 116mm  
**ST0036**



Phaco acrylic soft lens  
insertor to be used with  
MP36 lens folder  
overall length 112mm  
**ST0039**



Folder Phaco acrylic soft IOL's  
folding forceps with smooth platform  
overall length 111mm  
**ST0042**



Insertor for folding & holding the  
shaft IOL's for insertion  
overall length 100mm  
**ST0045**





## Surgical Instruments

Injector for acrylic  
soft lenses  
overall length 121mm  
**ST0048**



Pre-Chopper, Angled  
Round Handle  
overall length 121mm  
**ST0054**



Pre-Chopper, Curved  
Round Handle  
overall length 121mm  
**ST0057**



Akakoshi Pre-Chopper  
for cracking the soft  
or hard nucleus  
overall length 121mm  
**ST0060**



Repositor single  
ended malleable  
overall length 123mm  
**ST00204**



Spatula single ended  
overall length 123mm  
**ST00207**



Medelec repositor  
curved/angled,  
double ended,  
overall length 145mm  
**ST00207A**



Sinsky hook extra  
fine single ended  
overall length 123mm  
**ST00210**



Sinsky  
hook cum  
spatula double ended  
overall length 145mm  
**ST00213**



No hole  
IOL manipulator  
overall length 115mm  
**ST00216**



IOL manipulator  
ball ended  
overall length 115mm  
**ST00219**





## Surgical Instruments





## Surgical Instruments

Nucleus bisector for manual small incision surgery, to be used with MR255 overall length 110mm  
**ST00258**



Nucleus cutting board for manual small incision surgery, to be used with MR255 & MR258, overall length 130mm  
**ST00261**



Capsule polishing curette angled overall length 115mm  
**ST00264**



Castroviejo Cyclodialysis Spatula Double ended Ultra Fine overall length 120mm  
**ST00267**



Bi-manual Irrigating hand piece With S.S. 21G 2 irrigating ports overall length 115mm  
**ST00270**



Bi-manual aspiration hand piece S.S. 21G with 0.3mm aspiration port. overall length 115mm  
**ST00273**



Irrigating Nucleus Y-Shaped Manipulator 19G Shaft S.S. dual 0.6mm irrigating port Close to the tip for maximum irrigation. overall length 115mm  
**ST00276**



Irrigating Nucleus Chopper with 0.6mm dual side port 20G overall length 115mm  
**ST00279** S.S. Gently Curved Shaft  
**ST00282** S.S. Angled Shaft



Fukasaku Hydro Chopper, blunt distal tip & front notch for engaging iris end. Opening 0.95mm O.D. overall length 115mm  
**ST00285**



Nagahora Hydro Chopper Wedge shaped inferior edge with blunt distal round tip 1.5mm Long ended opening 0.95mm O.D. Overall length 115mm  
**ST00288**



Rosen Hydro Chopper 1.1mm Long, Blunt end 0.95mm O.D. end opening. overall length 115mm  
**ST00291**





## Surgical Instruments

Desmarres Retractor  
Lid Retractor, solid blade  
Small / Med / Large  
overall length 140mm  
**ST00294**



Expressor cum  
Vectis Double ended  
overall length 150mm  
**ST00297**



Expressor Cum  
Spatula Double ended  
overall length 150mm  
**ST00300**



Lense Loop (Vectis)  
overall length 140mm  
**ST00303**



Wilder Lens Loop Serrated  
overall length 140mm  
**ST00306**



Catpow Retractor  
overall length 130mm  
**ST00309**



Blade breaker swiss made  
overall length 115mm  
**ST00270**





**SMART**  
TECHNOLOGY

**North America:**

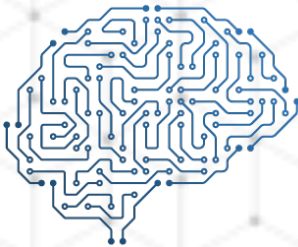
**SMART TECHNOLOGY LLC**

12325 Lake Shore Blvd Cleveland OH, 44108, USA

**Asia Office:**

**AKRITI OPHTHALMIC PVT LTD**

M34, M35, M36, Medical Devices Park Sultanpur Village, Patancheru Mandal Hyderabad – 502319, Telangana, India



**SMART**  
TECHNOLOGY

Care: 216 202 4667



[www.smarttech.foundation](http://www.smarttech.foundation)



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## OPERATION TABLE & CHAIRS

# SURGEON STOOL MOTORIZED

Precision Comfort for Surgical Excellence

Engineered for Surgeons. Designed for Endurance.

Crafted to support optimal posture and peak performance, this advanced surgical stool ensures unwavering comfort through even the longest procedures.



## **Ergonomic Design**

Encourages natural spinal alignment to minimize fatigue

Available in two styles: with or without backrest for personalized support

## **Adjustable Backrest**

Height-customizable to suit individual stature

Offers tailored comfort without restricting movement

## **Fully Motorized Controls**

Effortless height adjustment at the touch of a button

Seamless transitions between seated and standing positions

Whisper-quiet operation preserves focus and sterility

## **Built for Sterile Environments**

High-grade, easy-to-clean surfaces

Compact, robust frame ideal for operating theaters

Product Code	Descriptions	AOPL/
AOPL/SSM/01	SURGEON STOOL MOTORIZED	10 Pc.

# Mobile Operating Table

Precision Mobility. Anytime. Anywhere.  
Engineered for versatility and reliability, this portable operating table delivers uncompromised performance in dynamic surgical environments.



### **Stainless Steel Construction**

Built with high-grade SS for durability and hygiene  
Corrosion-resistant and easy to sterilize

### **Battery Operated Convenience**

Operates independently of power supply  
Ideal for mobile clinics, outreach programs, and emergency setups  
Long-lasting battery ensures uninterrupted procedures

### **Effortless Operation**

Intuitive controls for quick adjustments  
Smooth mobility with lockable castors  
Lightweight yet sturdy frame for easy transport and setup

Product Code	Descriptions	Qty. Per Box
AOPL/MOT/01	Mobile Operating Table	1 Pc.

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### Effortless Operation

Intuitive controls for quick adjustments  
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Lightweight yet sturdy frame for easy transport and setup

Product Code	Descriptions	Qty. Per Box
AOPL/MOT/02	OPHTHALMIC OPERATION TABLE	1 Pc.



## Smart Technology LLC, USA

Innovating Vision, Empowering Lives

**Registered Office:** 12325 Lake Shore Blvd Cleveland  
OH, 44108, USA

[sales@smarttech.foundation](mailto:sales@smarttech.foundation), [www.smarttech.foundation](http://www.smarttech.foundation)



[www.smarttech.foundation](http://www.smarttech.foundation)