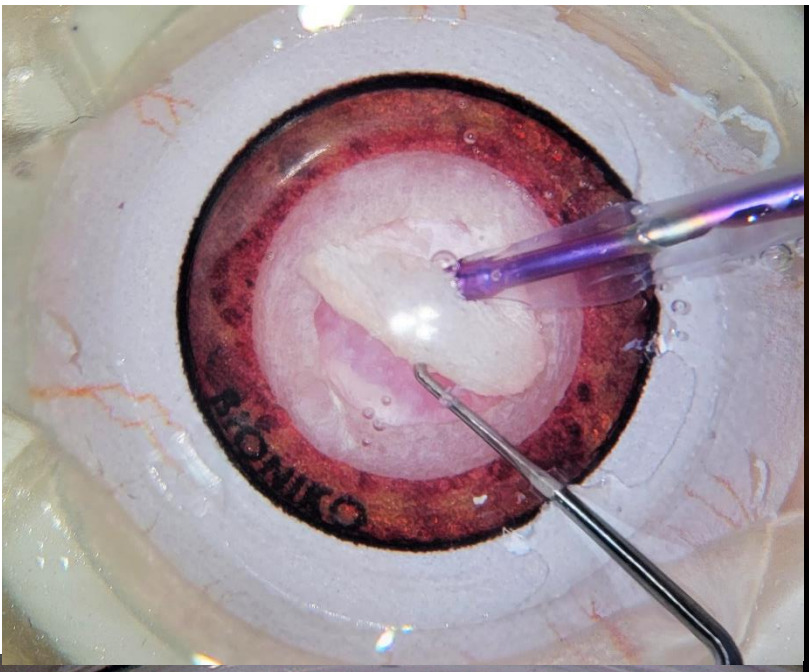
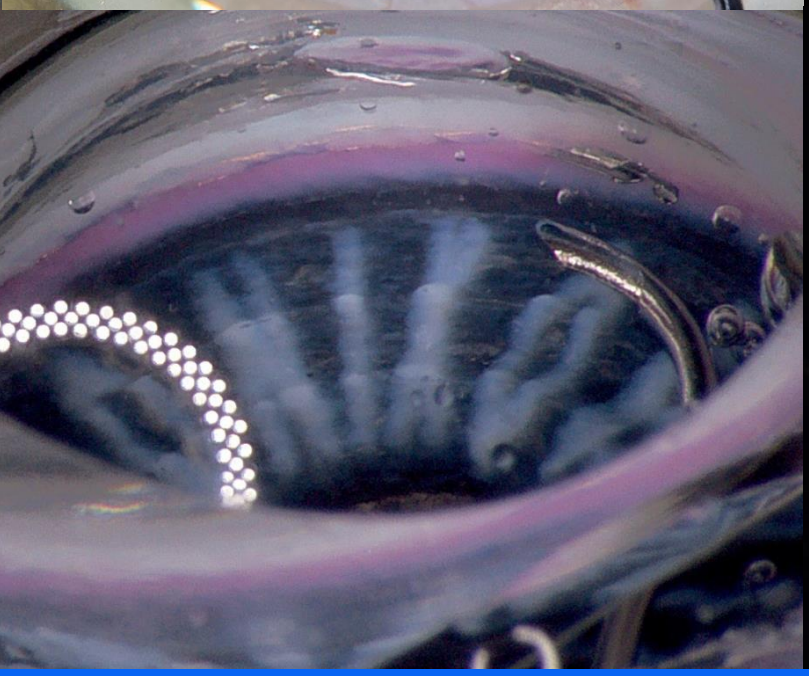
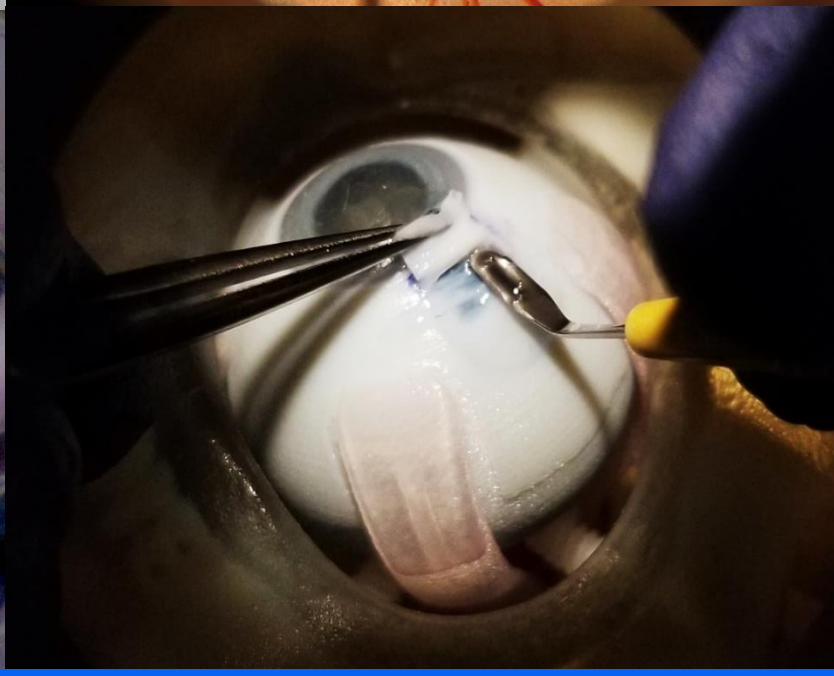
BICNIKO

PRODUCT CATALOG







MADE IN USA

2024-Q1-R1

20240419AB

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EYE HOLDERS

OPHT-ROM-C

ROMANO SIMULATION HEAD

Anatomically accurate Simulation head with fluid handling tray. Includes fluid drain tubing and carrying case. (Model eyes not included)

For use with ALL models. Requires **OPHT-AVH** or **OPHT-MH** for use with anterior segment models.

OPHT-FLEX-ORB-R

FLEX-ORBIT UNIVERSAL EYE HOLDER RIGHT

Eye Holder for BIONIKO models and biological tissue.

Includes 1 socket adapter for anterior segment models (OPHT-FX-SKT)

For use with **ALL MODELS**

OPHT-AVH

ADVANCED CATARACT/ANTERIOR-VITRECTOMY HOLDER

Minimalist holder with vitreous reservoir and injection port.

For use with ALL anterior segment models.

OPHT-TLH (NEW!)

TILTING HOLDER

Low profile Tilting Holder for Glaucoma MIGS.

For use with **MIGS-SC, SCHLEMM,** and **OKULO-AS**

OPHT-M-VIEW

MODEL VIEW

Post mounted eye holder for slit lamp, OCT, etc.

For use with ALL models (Model eye not included)

OPHT-ROM-MIGS

ROMANO HEAD FOR MIGS KIT

1 ROMANO ROLLING EYE (OPHT-ROM-ROLL- R OR L)

1 ROMANO MASK (OPHT-ROM-MSK)

1 ROMANO TILTING TRAY (OPHT-ROM-TRY-TLT)

OPHT-ROM-ROLL-R OR OPHT-ROM-ROLL-L (NEW!)

ROMANO ROLLING EYE (per unit)

Recommended for use with OKULO-ONE

Requires ROMANO head

MODELS - SURGICAL SKILL TRAINERS

OPHT-RHX60-PACK

RHEXIS PACK (50 cases per pack)

Instrument control task trainer based on a capsulorhexis scenario. 60 cases.

Pack includes: 1 OPHT- RHX2 (10 units per box) and 1 OPHT- RHX2-LN-50 (50 units per box)

For use with **ALL HOLDERS**

OPHT-PKS

KERATO (5 units per box)

Micro-suturing task trainer based on a PKP scenario.

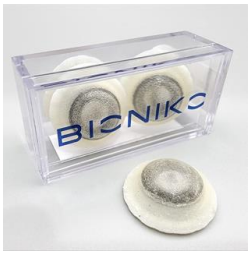
For use with **ALL HOLDERS**

OPHT-CORD-4PK

CORDELIA 4PK (4 units per box)

Corneal laceration task trainer for trauma surgery

For use with **ALL HOLDERS**



MODELS – CATARACT REUSABLE

OPHT-OKU-AS-BR8

OKULO ANTERIOR SEGMENT (AS) BROWN 8 (per unit)

For CATARACT and complications. **Does not include lens.**

BR: **Brown** iris color / **8** mm pupil size

For use with **ALL HOLDERS (AVH holder recommended)**

OPHT-OKU-AS-GR6

OKULO ANTERIOR SEGMENT (AS) GREEN 6 (per unit)

For ADVANCED intra-cameral devices (expanders, CTRs, etc)

Includes preinstalled **EMPTY BAG LENS**

GR:**Green** iris color / 6 mm pupil size

For use with **ALL HOLDERS**

OPHT-OKU-LNS-CAT-SFT

SOFT CATARACT LENS (G I-II) (10 units per box)

Soft cataract Lens for simulating: capsulorhexis and basic phacoemulsification

For use with **OKULO BROWN 8**

OPHT-OKU-LNS-CAT-MED

MEDIUM CATARACT LENS (G II-III) (6 units per box)

Lens for simulating: capsulorhexis, hydro-dissection and phacoemulsification

For use with **OKULO BROWN 8**

OPHT-OKU-LNS-CAT-HRD

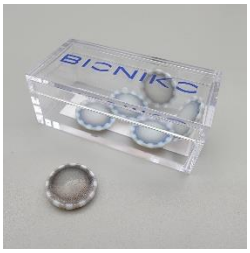
HARD CATARACT LENS (G III/IV) (6 units per box)

Hard CATARACT Lens for simulating: Capsulorhexis, hydro-dissection and hard nucleus phacoemulsification; For use with **OKULO BROWN 8**

OPHT-OKU-LNS-CAT-WHT

WHITE CATARACT LENS (G IV) (6 units per box)

Advanced White CATARACT Lens for simulating: Capsulorhexis, hydro-dissection, rotation, cracking, chopping and other nucleus dis-assembly maneuvers. For use with **OKULO BROWN 8 or GREEN 6**



MODELS CATARACT REUSABLE VOLUME PACKS

OPHT-OKU-AS-BR8-40B

OKULO BR8 BULK PACK

40 UNITS OPHT-OKU-AS-BR8

For use with **Cataract Lens Bulk Refill Pack (OPHT-OKU-LNS-CAT-M120, OPHT-OKU-LNS-CAT-H120, OPHT-OKU-LNS-CAT-WHT120).**

OPHT-OKU-LNS-CAT-WHT120

WHITE CATARACT LENS BULK PACK

120 UNITS OF **WHITE CATARACT LENSES**

For use with **OKULO BULK REFILL PACK** (OPHT-OKU-AS-BR8-40B)

OPHT-OKU-LNS-CAT-H120

HARD CATARACT LENS BULK PACK

120 UNITS OF **HARD CATARACT LENSES**

For use with **OKULO BR8 BULK PACK** (OPHT-OKU-AS-BR8-40B)

OPHT-OKU-LNS-CAT-M120

MEDIUM CATARACT LENS BULK PACK

120 UNITS OF **MEDIUM CATARACT LENSES**

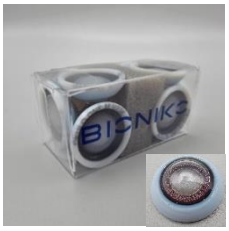
For use with **OKULO BR8 BULK PACK** (OPHT-OKU-AS-BR8-40B)

MODELS - CATARACT SINGLE USE

OPHT-OKU-ONE-S (NEW!)

SINGLE USE MODEL FOR CATARACT - SOFT

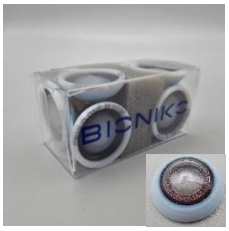
10 units of pre-assembled **SOFT CATARACT eyes**



OPHT-OKU-ONE-RHX-S (NEW!)

SINGLE USE MODEL FOR CATARACT-SOFT-PRE-MADE RHEXIS

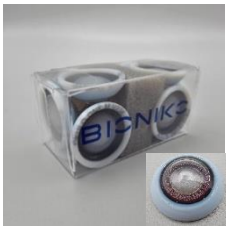
10 units of pre-assembled **SOFT CATARACT eyes**



OPHT-OKU-ONE-M (NEW!)

SINGLE USE MODEL FOR CATARACT - MEDIUM

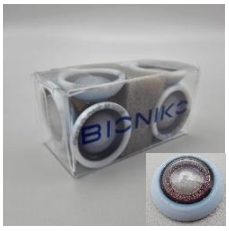
10 units of pre-assembled **MEDIUM CATARACT eyes**



OPHT-OKU-ONE-RHX-M (NEW!)

SINGLE USE MODEL FOR CATARACT- MEDIUM - PRE-MADE RHEXIS

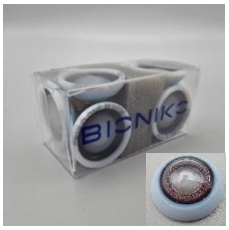
10 units of pre-assembled **MEDIUM CATARACT eyes**



OPHT-OKU-ONE-H (NEW!)

SINGLE USE MODEL FOR CATARACT - HARD

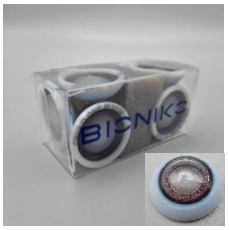
10 units of pre-assembled **HARD CATARACT eyes**



OPHT-OKU-ONE-RHX-H (NEW!)

SINGLE USE MODEL FOR CATARACT- HARD - PRE-MADE RHEXIS

10 units of pre-assembled **HARD CATARACT eyes**



MODELS - MSICS

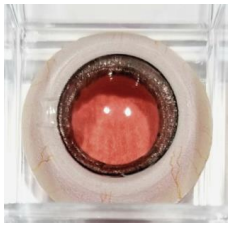
OPHT-OKU-AS-MSICS

OKULO ANTERIOR SEGMENT MSICS (per unit)

Anterior segment for MSICS. **Does not include lens.**

DARK Brown iris color / **9** mm pupil size

For use with **ALL HOLDERS**



OPHT-OKU-LNS-MSICS

MSICS LENS (6 units per box)

Lens for simulating manual cataract extraction (No phaco)

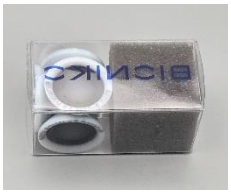
For use with **OKULO MSICS ONLY**

OPHT-EX-MSICS (NEW!)

EXTRAOCULAR MSICS MODEL (5 units per box)

Extraocular model for simulating the MSICS incision/tunneling maneuvers (no intraocular features)

For use with ALL HOLDERS



MODELS- IOL INSERTION

OPHT-OKU-LNS-EB

EMPTY BAG LENS (10 units per box)

Lens with an empty capsular bag and pre-made 5.5mm rhexis for simulating intra capsular device implantation (IOL, CTRs, hooks, segments, etc) and anterior vitrectomy scenarios when used with OKULO and AVH.

For use with **OKULO BROWN 8 and AVH**

MODELS- IRIS SUTURING AND OTHER LENSES

OPHT-OKU-AS-BL5

OKULO ANTERIOR SEGMENT (AS) BLUE 5 (per unit)

For Iris Suturing. Includes preinstalled **POSTERIOR CAPSULE**.

BL:**Blue** iris color / **5** mm pupil size

For use with **ALL HOLDERS**

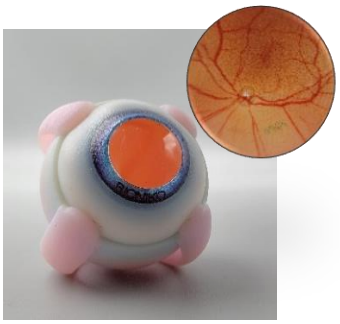
OPHT-FDS-ADV

FUNDUS ADVANCED (per unit)

Globe model with retinal image, detachable colored iris anterior segment with flexible pars plana and optical element. Includes assembly tool.

Optimized for contact and non-contact systems.

For use with **ROMANO** or **FLEX-ORBIT**



OPHT-FDS-ADV-AS

FUNDUS ADVANCED ANTERIOR SEGMENT REPLACEMENT

(4 units per box)

Pars-plana replacements with colored Iris.

Does *not* include **FUNDUS OPTICAL LENS**

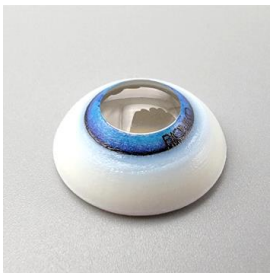
For use with **FUNDUS ADVANCED**

OPHT-FDS-ADV-AS-LNS

FUNDUS ADVANCED OPTICAL LENS (per unit)

FUNDUS OPTICAL LENS pre-installed in **FUNDUS ANTERIOR SEGMENT**

For use with **FUNDUS ADVANCED**



OPHT-FDS-ILM

FUNDUS MEMBRANE COAT

Coating for membrane peeling simulation.

For use with **FUNDUS ADVANCED**

OPHT-FDS-INJ-C (NEW!)

SUBRETINAL INJECTION MODEL (per unit)

Globe model with delicate retina and subretinal space for injection/bleb formation. Full detachment possible for other scenarios. Comes complete with anterior segment and optical element. Includes assembly tool.

For use with **ROMANO** or **FLEX-ORBIT**

OPHT-FDS-INJ-PS (NEW!)

SUBRETINAL INJECTION MODEL (2 units per box)

Posterior segment replacements for FUNDUS INJECTION MODEL.

Does not Include **FUNDUS ANTERIOR SEGMENT**

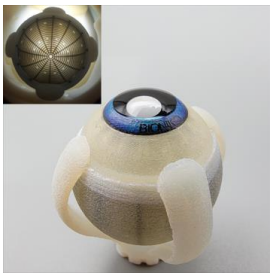
Does not include **FUNDUS OPICAL LENS**

OPHT-FDS-BE

BULLSEYE (FOV) MODEL (per unit)

Globe model with internal graduated reticle for FOV demonstration and comparison. Comes complete with anterior segment and optical element. Specify desired pupil: 9mm, 4.5mm, 2.5mm

For use with **ROMANO** or **FLEX-ORBIT**



OPHT-FDS-CYK

CYKLOPS (RED REFLEX) MODEL (per unit)

Globe model with reflective retinal surface producing intense red reflex. Anterior segment featuring color wheel with CMYKWRGB colors for Digital imaging system comparison and evaluation. Retina is sensitive to 532nm laser treatment.

For use with **ROMANO** or **FLEX-ORBIT**

MODELS - GLAUCOMA

OPHT-GONIO

GONIO MODEL (per unit)

MIGS model with SCHLEMM's CANAL and SUPRA CHOROIDAL space. With Cornea.

For use with **ROMANO MIGS, TILTING HOLDER** or **MINI HOLDER**

OPHT-GONIO-40

VOLUME PACK GONIO MODEL (40 units/box)

MIGS model with SCHLEMM's CANAL and SUPRA CHOROIDAL space. With Cornea.

For use with **ROMANO MIGS, TILTING MINI HOLDER** or **MINI HOLDER**

OPHT-GONIO-OS

GONIO MODEL OPEN-SKY (12 units per box)

OPEN SKY- NO CORNEA

MIGS model with SCHLEMM's CANAL and SUPRA CHOROIDAL space

For use with **ROMANO MIGS, TILTING MINI HOLDER** or **MINI HOLDER**

OPHT-MIGS-SCHLM-2PK

SCHLEMM MODEL 2PK (2 units per box)

Canaloplasty simulator with 360 Schlemm's canal

For use with **ROMANO MIGS, TILTING MINI HOLDER** or **MINI HOLDER**

OPHT-MIGS-SCHLM

SCHLEMM MODEL (12 units per box)

Canaloplasty simulator with 360 Schlemm's canal

For use with **ROMANO MIGS, TILTING MINI HOLDER** or **MINI HOLDER**

MODELS – OTHER SURGICAL SCENARIOS

OPHT-EX1

EX-ONE (2 units per box)

All-in-one extra-ocular surgery model for scleral, corneal and muscle suturing and dissection; Practice trauma skills, strabismus, trabeculectomy, buckle and more.

For use with **ROMANO and FLEX-ORBIT**

OPHT-PTRY

PTERYGIUM (4 units per box)

2nd generation Bilateral pterygium scenario for auto-graft training

For use with **FLEX-ORBIT, AVH and MH Holders**

MODELS - TRAINING KITS

OPHT-S2-KIT

SOLO2 KIT

1 MINI-HOLDER(OPHT-MH)

1 RHEXIS 2 (OPHT-RHX2),

1 RHEXIS 2 LENS (OPHT-RHX2-LNS50)

1 KERATO(OPHT-PKS)

OPHT-CANA-KIT

CANABRAVA SCRERAL IOL FIXATION KIT

1 Holder

1 Anterior Segment

2 Foldable Sham IOLs + 2 Rigid Sham IOLs

CSTM-OU-PGKIT (NEW!)

OU PROGRESSION KIT

Kit includes: 1x ROMANO, 1x ROLL (L), 1x AVH, 4x OKU-AS-BR8, 1x OKU-AS-GR6, 1x OKU-LNS-CAT-MED, 1x OKU-LNS-CAT-HRD, 1x OKU-LNS-CAT-WHT, 1x RHX2

Includes video tutorials by Oftalmouniversity.com

OPHT-CAT-KIT-S

CATARACT STARTER KIT

1 ADVANCED CATARACT/ANTERIOR-VITRECTOMY HOLDER (OPHT-AVH)

4 OKULO ANTERIOR SEGMENTS BROWN 8 (OPHT-OKU-AS-BR8)

1 CATARACT LENS WHITE BOX (OPHT-OKU-LNS-CAT-WHT)

1 CATARACT LENS HARD BOX (OPHT-OKU-LNS-CAT-HRD)

1 LENS TOOL

OPHT-FDS-ADV-KIT-S

FUNDUS ADVANCED STARTER KIT

1 FLEX-ORBIT (OPHT-FLEX-ORB-R)

2 FUNDUS ADVANCED (OPHT-FDS-ADV)

2 FUNDUS ADVANCED ANTERIOR SEGMENT REPLACEMENT (OPHT-FDS-ADV-AS)

1 FUNDUS MEMBRANE COAT (OPHT-FDS-ILM)

2 ASSEMBLY TOOLS (OPHT-TOOL)

OPHT-FDS-ROM-ISHF-KIT

ROMANO RETINA STARTER KIT

1 ROMANO HEAD (OPHT-ROM-C)

2 FUNDUS ADVANCED (OPHT-FDS-ADV)

2 FUNDUS ADVANCED ANTERIOR SEGMENT REPLACEMENT (OPHT-FDS-ADV-AS)

1 FUNDUS MEMBRANE COAT (OPHT-FDS-ILM)

2 ASSEMBLY TOOLS (OPHT-TOOL)

1 INTRASCLERAL HAPTIC FIXATION KIT (OPHT-ISHF KIT)

OPHT-MH-LIDS-KIT

MH EYELIDS KIT

1 EYELID MODEL (OPHT-MH-LIDS)

1 MINI HOLDER (OPHT-MH)

1 ANTERIOR SEGMENT

OPHT-MIGS-KIT-S

GLAUCOMA STARTER KIT

1 TILTING HOLDER (OPHT-MH-TL)

1 SCHLEMM MODEL 2PK (OPHT-MIGS-SCHLM-2PK)

2 GONIO (OPHT-GONIO)

OPHT-MVIEW-FO-KIT

MODEL-VIEW KIT

1 MODEL VIEW (OPHT-MVIEW)

1 FUNDUS ADVANCED (OPHT-FDS-ADV)

1 OKULO GREEN 6 (OPHT-OKU-GR6)

OPHT-CORD

CORDELIA (20 units per box)

Corneal excision simulator

For use with **BASIC ORBIT** or **EXOS HM/FLEX ORBIT**

OPHT-EXOS

EXOS (4 units per box)

Enucleation and corneal excision simulator

CORDELIA with surgical muscle posterior segment

For use with **FLEX-ORBITvi**

OPHT-EXOS-HM OR OPHT-EXOS-HM1

EXOS HARD MUSCLES

(OPHT-EXOS-HM 4 units per box)

CORDELIA with non-surgical/reusable hard muscle posterior segment

Hard Muscle option (No enucleation). For use with **FLEX ORBIT.**

OPHT-LINK-AS-MED

LinK SHALLOW ANTERIOR SEGMENT (per unit)

Anterior segment (No cornea).

GREEN iris color. Suitable for **DMEK** training with donor cornea (not included)

For use with **Link MINI HOLDER** and **LinK RINGS**

OPHT-LINK-RINGS

LinK RINGS (10 units per box)

For use with **LinK ANTERIOR SEGMENT** and **biological tissue**

OPHT-LINK-MH

LinK MINI-HOLDER (per unit)

Holder for **LinK MODELS ONLY**

OPHT-LINK-TOOL

LinK TOOL (per unit)

Press system to assemble LinK Anterior Segment with LinK Ring

INSTRUMENTS - EYE BANK

INST-VIAL

VIAL VIEW

Specimen glass-vial holder

Does not include val

INST-CHMB

CHAMBER VIEW

Specimen viewing chamber holder

Does not include viewing chamber.

EYE BANK KITS

OPHT-LINK-KIT-S

LinK STARTER KIT

1 LinK MINI HOLDER (OPHT-LINK-MH)

1 LinK RINGS (OPHT-LINK-RINGS) (box of 10)

2 LinK ANTERIOR SEGMENTS MED (OPHT-LINK-AS-MED)

1 LinK TOOL (OPHT-LINK-TOOL)

Does not include donor tissue

OPHT-EB-KIT-ROM-INSITU

INSITU RECOVERY KIT

1 ROMANO SIMULATION HEAD (OPHT-ROM-C)

1 MINI HOLDER (OPHT-MH)

1 CORDELIA (OPHT-CORD)

1 POSTERIOR SEGMENT (OPHT-FX-PSEG)

1 GLOBE MODEL ASSEMBLY TOOL (OPHT-TOOL)

OPHT-ROM-ROLL (R/L) (NEW!)

ROMANO ROLL (1 unit per box)

Rolling eye accessory for **ROMANO HEAD** (Available in Right and Left)

OPHT-ROM-TRY-TLT

ROMANO TILTING TRAY FOR MIGS (per unit)

Provides adjustable angulation for ROMANO Mask.

Includes 2 tilting screws (ROMANO Mask not included)

OPHT-FX-PSEG

POSTERIOR SEGMENT (2 units per box)

For use with **ANTERIOR SEGMENT models** (OKULO, RHEXIS, KERATO, SCHLEMM, GONIO)

OPHT-TOOL

GLOBE MODEL ASSEMBLY TOOL (per unit)

Assembly tool for advanced models

For use with **FUNDUS** and **OKULO COMPLETE** models

OPHT-LNS-TOOL

LENS ASSEMBLY TOOL (per unit)

Assembly tool for OKULO and RHEXIS lenses

For use with **OKULO and RHEXIS** models