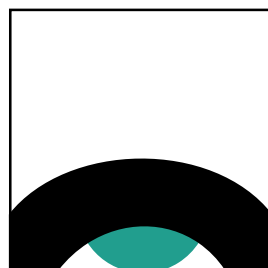




# KITARO<sup>®</sup> Product Catalog

*Cataract Surgical Training*

[www.fciworldwide.com](http://www.fciworldwide.com)



**FCI<sup>®</sup>**

a ZEISS company





Since its inception in 1984, FCI has become a world leader in developing innovative solutions essential in the treatment of dry eye, lacrimal, lid, orbit, cataract and retina indications.

In close collaboration with the world's leading ophthalmic surgeons, FCI continues to be on the cutting-edge of research, testing and manufacturing of gold standard medical devices that garner unparalleled trust and reliability.

The ability to understand, anticipate and respond to the research has resulted in FCI's strong portfolio of globally recognized products.

**FCI is committed to serving the ophthalmic industry with the expertise and value key to quality patient care.**



# TABLE OF CONTENTS

## KITARO® SURGICAL TRAINING

KITARO® COMBO KIT	4
KITARO® TECHNIQUES	6
KITARO® REPLACEMENT ITEMS	8

## KITARO® SMART SERIES KITS

COMPLEX RETINA	10
SMALL PUPIL MANAGEMENT & IRIS REPAIR	10
SCLERAL FIXATION, AHMED SEGMENT & YAMANE	11
CCC	11
IOL & CTR IMPLANTATION	12
REPLACEMENT AND COMPATIBLE ITEMS	13

The products listed in this publication may not be available in your country.  
Contact your local distributor to find out what is available to you.

The KITARO® KITS are manufactured by Frontier Vision Co., Ltd. and distributed by FCI S.A.S.

This publication is not intended for distribution in the USA.



## KITARO® SURGICAL TRAINING KIT

KITARO® SURGICAL TRAINING KIT is ideal for new surgeons to learn instrument manipulation in the office using Dry Lab, and phaco machine operation and techniques in a Wet Lab environment. KITARO® offers repeated practice with realistic materials in a hygienic environment without the high cost and complications of porcine labs. Intermediate and advanced surgeons can practice techniques used in complex cataract surgery by simply ordering indication-specific parts. Practice Makes Perfect!

- Ability to practice techniques repeatedly
- Oculomotor device generates eye movement during procedure
- Realistic simulation and tactile feedback
- Mock phaco handpieces
- Sold ready-to-use
- Includes reusable parts and accessories
- Replacement items sold separately

## K-5000 KITARO® COMBO LAB KIT (DRY & WET)

The KITARO® COMBO Lab Kit provides the ability to first learn instrument manipulation in the office using KITARO® DRY Lab, and second, to learn phaco machine operation and techniques in a wet lab environment using KITARO® WET Lab.

- Master basic instrument manipulation, microscope and phaco machine operation
- Practice techniques used to avoid common mistakes
- Magnetic ball bearing mimics eye movement during procedure
- Challenging and realistic face with nose
- Interchangeable normal eye and deep-set eye
- Eyes are 1.5 x larger than human eye





# KITARO® SURGICAL TRAINING KIT

## PARTS AND ACCESSORIES INCLUDED IN COMBO LAB KIT

- Face with Nose
- Base Plate
- Scleral Stands and Sponges
- Sclera Part
- Cornea-Iris Part for Dry Lab (4 pcs)
- Cornea-Iris Part for Wet Lab (4 pcs)
- Artificial Cataract Lens, Soft (6 pcs)
- Artificial Cataract Lens, Medium Hard (6 pcs)
- Artificial Cataract Lens, Hard (4 pcs)
- Segmented Plastic Nuclei (3 Types)
- Polymer Clay Nuclei in PC Cups (3 pcs)
- Resin Clay in Posterior Capsule Cup with Spare Clay
- Anterior Capsule Film Roll (11 cm x 1 m)
- Precut Sclerocorneal Sheets (30 pcs)
- Container

**These items are available in kit only and cannot be re-ordered.**

- Viscoelastic Substance (10 cc)
- CCC-Processed AC Film (5 sheets)
- Segmented Plastic Instruments (5 pcs)
- Cystotome (21G needle) with Syringe
- Cystotome (26G needle) with Syringe
- Hydrodissection Cannula with Syringe
- Irrigation Bag
- Drain System for Wet Lab
- User Manual & DVD

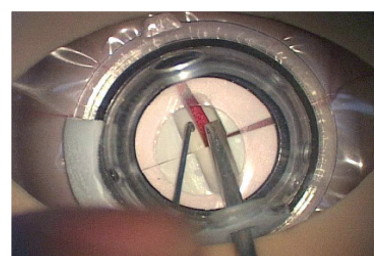
## KITARO® TECHNIQUES

### DRY LAB TECHNIQUES



#### CONTINUOUS CURVILINEAR CAPSULORHEXIS CONSTRUCTION (CCC)

- Special 2-layer, 5 µm polyester film
- Simulates realistic human eye CCC
- Allows for tear and recovery
- Artificial cortex made of resin clay



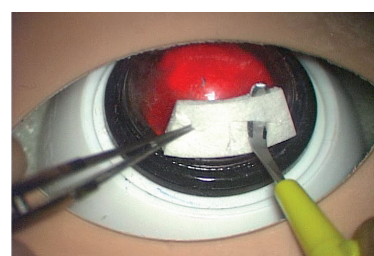
#### 3 NUCLEAR SEGMENTATION TECHNIQUES

- Divide and Conquer, Stop and Chop, Phaco Chop
- 3 segmented, artificial plastic nuclei with grooves, tunnels and segmentation routes
- Divide and rotate using mock instruments
- Practice pendular manipulation
- Enlarged eye for practice (1.5 x larger than human eye)



#### FOLDABLE IOL INSERTION

- Posterior capsule cup
- CCC prepared anterior capsule film
- Does not include IOL or IOL injector



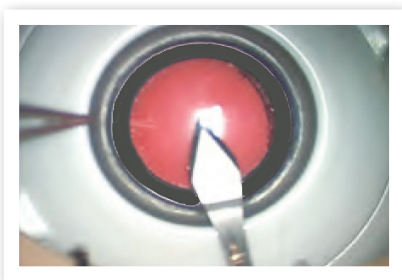
#### WOUND CONSTRUCTION AND SUTURE

- One-plane incision using keratome
- Self-sealing incision using crescent knife
- Special resin sheet mimics human sclerocornea
- Does not include suture or knives



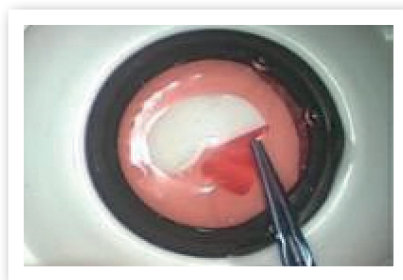
# KITARO® SURGICAL TRAINING KIT

## WET LAB TECHNIQUES



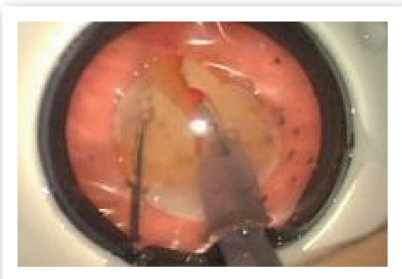
### SELF-SEALING WOUND CONSTRUCTION & SUTURE

- Cornea with 500 µm center, 700 µm periphery
- Cornea generates resistance during instrument insertion and manipulation



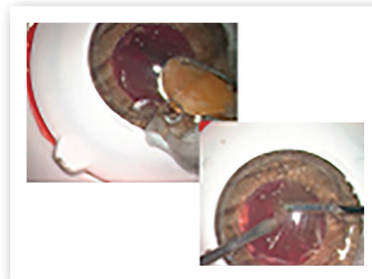
### CCC CONSTRUCTION

- Special 2-layer, 5 µm polyester film
- Simulates realistic human eye CCC
- Allows for tear and recovery
- Artificial cortex made of resin clay



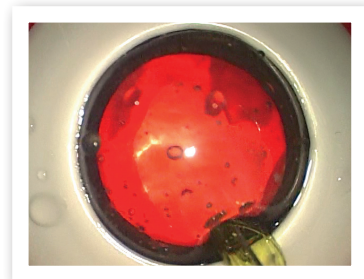
### PHACOEMLSIFICATION & ASPIRATION

- 3 types of nuclei-soft, medium and hard
- All hydroprocedures can be performed
- Surface cortex aspiration
- Nucleus segmentation and phaco
- Epinucleus aspiration
- IOL insertion



### POSTERIOR CAPSULAR RUPTURE MANAGEMENT (PCRM)

- Artificial lens with capsule, cortex and nucleus
- Artificial vitreous, fibers can be seen
- Vitrectomy using A-VIT cutter
- Visco-dissection







### FOLDABLE IOL INSERTION\*

- Posterior capsule cup
- CCC prepared anterior capsule film
- Does not include IOL or IOL injector





*\* Does not include IOL or IOL injector*

## KITARO® REPLACEMENT ITEMS



### ARTIFICIAL CATARACT LENS (FOIL PACK, HARD PC)

K-1260		Soft Nucleus	6 pcs
K-1265		Medium-Hard Nucleus	6 pcs
K-1270		Very Hard Nucleus	4 pcs
K-2010		Mixed Nucleus (3 Soft, 3 Medium-Hard Nuclei)	6 pcs

### ARTIFICIAL CATARACT LENS - NEW!\*

KN-1260		Soft Nucleus	6 pcs
KN-1265		Medium-Hard Nucleus	6 pcs
KN-1270		Very Hard Nucleus	4 pcs
KN-2010		Mixed Nucleus (3 Soft, 3 Medium-Hard Nuclei)	6 pcs

### DISPOSABLE ITEMS

K-1020		Precut Sclerocorneal Sheets	30 pcs
K-1030		Anterior Capsule Film Roll (11 cm x 1 m)	1 pc

\* More shallow to reduce amount of DVD needed & distance from iris to cataract is more narrow.



# KITARO® SURGICAL TRAINING KIT

## KITARO® REPLACEMENT ITEMS

### PARTS & ACCESSORIES

K-1035		Anterior Capsule Film Chips with Cortex	20 pcs
K-1130		Cornea-Iris Part for Dry Lab (open sky)	1 pc
K-1135		Sclera Part	1 pc
K-1150		Segmented Plastic Nuclei 3 Types – Divide and Conquer, Stop and Chop, Phaco Chop	3 pcs
K-1155		Polymer Clay Nuclei in PC Cups	3 pcs
K-1205		Resin Clay in PC Cup with Spare Clay	1 pc
K-2020 / KC-2020		Cornea-Iris Part for Wet Lab	4 pcs
K-9100		Face with Nose	1 pc
K-9200		Base Plate with Two Scleral Stands and Sponges [stages are movable]	1 pc
K-9300		Sclera Stand with Sponge	1 pc

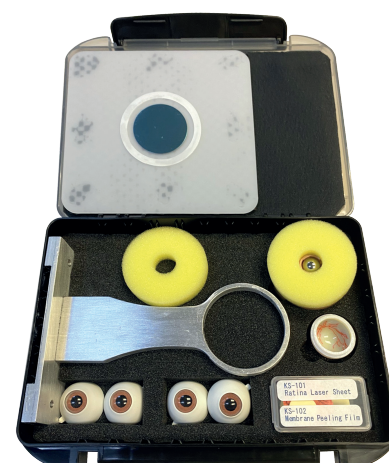
## KITARO® SMART SERIES KITS

The KITARO® SMART SERIES KITS have been designed for intermediate and advanced surgeons to practice techniques used in complex cataract surgery. Be prepared to manage challenging cases and practice technique such as CTR, Ahmed Segment and Cionni implantation, capsular support hooks, and iris retractor insertion. Compatible items (see page 13) needed to practice these techniques are available to purchase separately.

### KS-10 COMPLEX RETINA

For Retinal Detachment, Retinal Laser, Membrane Peeling & IVT Complex.

- Cornea for Vitreous Injection (4 pcs)
- Retina Laser Sheet (5 pcs)
- Membrane Peeling Film (10 pcs)
- Sclera for Smart Series IOL Fixation, Vitreoretinal Practice (1 pc)
- Sclera Stand with 2 Sponges
- Magnetic Base
- Retina Laser Stand
- Carrying Case



### KS-20 SMALL PUPIL MANAGEMENT & IRIS REPAIR

- Sclera Stand with Sponge (1 pc)
- Small Pupil Cornea (2 pcs)
- Magnetic Base
- Sclera Part (1 pc)
- Iris Repair Cornea (2 pcs)
- Dry Nucleus (2 pcs)
- User's DVD
- Carrying Case





# KITARO® SMART SERIES KITS

## KS-30 SCLERAL FIXATION, AHMED SEGMENT & YAMANE<sup>☆</sup>

- Sclera for Smart Series IOL Fixation, Vitreoretinal Practice (1 pc)
- IOL & Transscleral Fixation Cornea (5 pcs)
- Sclera Stand with 2 Sponges
- Magnetic Base
- User's DVD
- Carrying Case

*\*Ahmed Segment not included*



## KS-40 CCC

- Anterior Capsule Film Roll (11 cm x 1 m)
- Viscoelastic Substance (10 cc)
- Anterior Capsule Film Chips (20 pcs)
- Cornea-Iris Part for Dry Lab (1 pc)
- Cornea-Iris Part for Wet Lab (1 pc)
- Sclera Part (1 pc)
- Magnetic Base
- Resin Clay in PC Cup with Spare Clay (1 pc)
- Sclera Stand with Sponge
- User's DVD
- Carrying Case



## KITARO® SMART SERIES KITS

### KS-50 IOL & CTR IMPLANTATION

- Sclera Stand with Sponge (1 pc)
- Posterior Capsule for IOL & CTR Insertion Practice (7 pcs)
- Magnetic Base
- Cornea-Iris Part for Wet Lab (3 pcs)
- Sclera Part (1 pc)
- Carrying Case



### KS-60 ECCE

- Sclera Stand with Sponge (1 pc)
- Sclera Part (1 pc)
- Cornea for ECCE (2 pcs)
- Sclerocorneal Sheets for ECCE (6 pcs)
- Precut Sclerocorneal Sheets (30 pcs)
- Viscoelastic Substance (10 cc)
- ECCE Cataracts (6 pcs)
- Carrying Case





















# KITARO® SMART SERIES KITS

## REPLACEMENT AND COMPATIBLE ITEMS

### PARTS & ACCESSORIES

K-4010		Posterior Capsule for IOL and CTR Implantation. Hard Orange PC Cup with Translucent AC	6 pcs
K-6010		Cornea for Small Pupil (can practice using iris retractors)	4 pcs
K-6015		Sclera for Smart Series IOL Fixation and Vitreoretinal Practice	1 pc
K-6020		Cornea with 180° Weak/Ruptured Zonules (to practice with CTR & Capsular Hooks)	4 pcs
K-6030		Cornea for IOL Transscleral Fixation and Ahmed Segment	4 pcs
K-6035		Cornea for Vitreous Injection	4 pcs
K-6036		Cornea for Yamane Style IOL Fixation	2 pcs
K-6040		Cornea for Retina Practice	4 pcs
K-6050		Cornea for Iris Repair	4 pcs
K-6060		Cornea for Easy Eye, IOL and CTR Implantation	4 pcs
K-6080		Nucleus with 180° Weak/Ruptured Zonules	6 pcs
K-7010		Cornea for Manual ECCE	2 pcs
K-7030		Sclerocorneal Sheet for ECCE	6 pcs
K-9400		Sclera and Stand with Backlight System	1 pc
KS-101		Retina Laser Sheet	5 pcs
KS-102		Membrane Peeling Film (16 mm)	10 pcs







## CONTACT INFORMATION

### FCI S.A.S.

20/22 Rue Louis Armand  
75015 Paris - FRANCE

Tél : +33 1 53 98 98 97  
Fax : +33 1 53 98 98 99

[fciworldwide@fci.fr](mailto:fciworldwide@fci.fr)



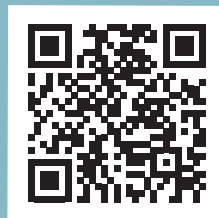
## JOIN OUR OPHTHALMIC COMMUNITY!



LINKEDIN



YOUTUBE



EYETUBE



[www.fciworldwide.com](http://www.fciworldwide.com)



For more information, please contact your local distributor: