



OPHTALMO



Manipulators-  
Spatulas-  
Choppers

THIS IS WHAT THE FUTURE LOOKS LIKE

# IOL Manipulators

## SMILE Spatula

Combination instrument for opening the incision and dissecting the pocket during SMILE procedures.

**K3-2542**

*(use K5-7550 for removing lenticule)*



side view



top view



## Hirschman

Lens Spatula  
flat 0.5mm wide  
with multiple notches

**K3-2550**



## Jaffe

Lens Spatula  
flat, 0.5mm wide

**K3-2600**



## Labor

IOL Manipulator  
short handle  
*For use with intra-operative  
aberrometry systems.*

**K3-2675**



# IOL Manipulators

## Lester

IOL Manipulator  
0.25mm diameter tip  
*Ideal for multi-directional manipulation.*

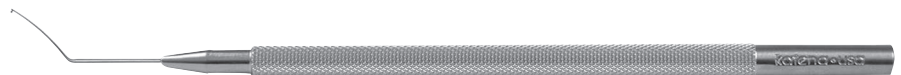
**K3-2680** straight, with guard  
**K3-2690** angled



## Lester

IOL Manipulator  
0.25mm diameter tip  
vaulted shank  
*For engaging the inferior haptic without touching the dome of the IOL.*

**K3-2691**



## Maloney

IOL Manipulator  
0.25mm diameter tip  
vaulted shank  
with guard

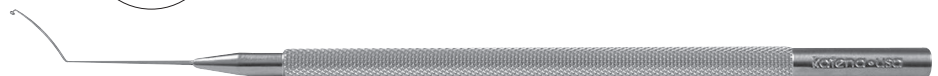
**K3-2692**



## Hunkeler

IOL Manipulator  
with 0.3mm diameter  
hemi-ball tip, vaulted shank

**K3-2695**



# IOL Manipulators

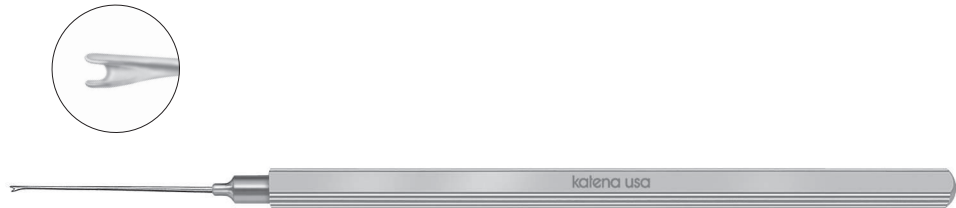
## Alio-Kelman

IOL Hook  
0.2mm diameter tip  
**K3-2697**



## Aker

Lens Pusher  
smooth, fish mouth  
shaped tip  
with guard  
**K3-2720**



## Bechert

Lens Pusher  
vertical Y-shaped tip  
angled  
**K3-2727**

(for horizontal version see K3-2400)



## Elschnig

Cyclodialysis Spatula  
flat, 1mm wide  
**K3-3000**



# IOL Manipulators

## Sinskey

Lens Manipulating Hook  
0.25mm diameter blunt tip  
straight

**K3-5180**



## Harris-Sinskey

Lens Manipulating Hook  
0.25mm diameter blunt tip  
angled

**K3-5190**

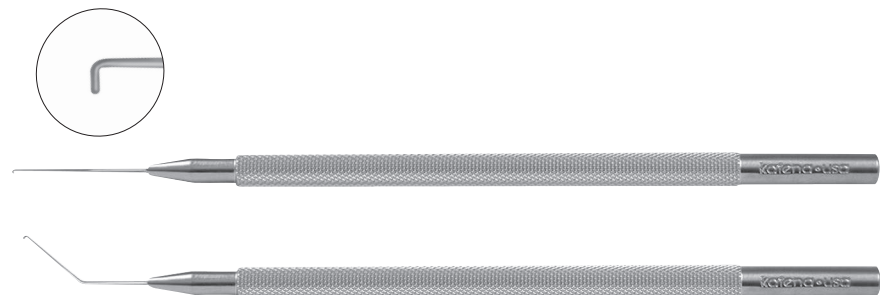


## Sinskey

Lens Manipulating Hook  
round handle  
0.25mm diameter blunt tip

**K3-5192** straight, with guard

**K3-5193** angled



## Nevyas

Soft IOL Manipulator  
0.25mm diameter  
textured tip  
straight, with guard

**K3-5194**



# IOL Manipulators

## Sinskey II

Lens Manipulating Hook  
0.2mm diameter blunt tip

**K3-5220** straight

**K3-5230** angled

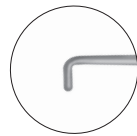


## Sinskey II

Lens Manipulating Hook  
0.2mm diameter blunt tip  
round handle

**K3-5232** straight, with guard

**K3-5233** angled



## Lewicky

Lens Manipulating Hook  
0.15mm diameter blunt tip  
angled, vaulted shank

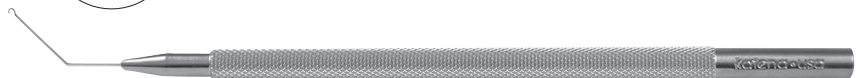
**K3-5250**



## Hirschman

Iris Hook  
blunt, angled

**K3-5400**



# IOL Manipulators and Iris Hooks

## Kuglen Iris Hook & Lens Manipulator

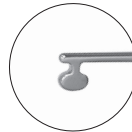
**K3-5500** Push-pull model, flat handle, straight

**K3-5520** Push-pull model, flat handle, angled

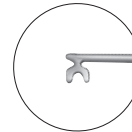
**K3-5510** Clover leaf model, flat handle, straight

**K3-5522** Push-pull model, round handle, straight w/guard

**K3-5523** Push-pull model, round handle, angled



K3-5500  
K3-5520



K3-5510



K3-5522  
K3-5523

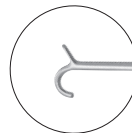


## Lens Manipulator

straight, with guard

**K3-5526** Rentsch, "Boat Hook"

**K3-5528** Osher, Y-hook



K3-5526



K3-5528



## Lens Manipulating Hook

0.15mm diameter tip

**K3-5530** Fenzl, round handle straight with guard

**K3-5531** Fenzl, round handle, angled

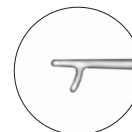
**K3-5532** Maltzman-Fenzl, round handle, straight with guard

**K3-5533** Maltzman-Fenzl, round handle, angled

**K3-5535** Jaffe-Maltzman, flat handle, angled



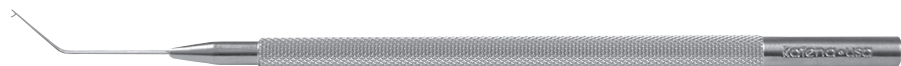
K3-5530  
K3-5531



K3-5532  
K3-5533



K3-5535



# ICL Manipulators

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## Clasen

ICL™ Manipulator  
with textured hemi-ball tip  
**K3-5564**



## Deitz

ICL™ Manipulator  
blunt forked tip  
**K3-5566**



## Ichikawa

ICL™ Manipulator  
delicate ring tips  
with micro texturing  
on posterior surfaces  
**K3-5568**





# Spatulas

## DALK

Corneal Dissector

**K3-1870** 12mm long, flattened, vaulted spatula with beveled tip

**K3-1875** Rosenwasser DALK Trisector with triangular shaft and spatulated tip

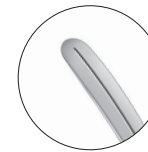
**K3-1877** Bonfadini DALK Spatula 1mm wide, 8mm long, flattened spatula with central groove for bisecting stroma



K3-1870



K3-1875



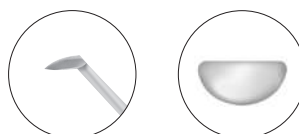
K3-1877



## Rootman-Goldich

DMEK Dissector  
semi-circular tip  
with beveled edge  
*For atraumatic donor  
preparation during  
DMEK procedures.*

**K3-1880**



## Culler

Iris Spatula

**K3-2100** 1mm wide

**K3-2110** 2mm wide



# Spatulas • Choppers

## Wheeler

Double-End Spatula  
lightly curved

**K3-2120**



## Barraquer

Iris Spatula  
round, smooth

**K3-2300** 0.5mm diameter

**K3-2310** 0.25mm diameter



## Katena

Iris Spatula  
2mm wide x 8mm long  
0.2mm thick

**K3-2140**



## Gimbel

Nucleus Spatula  
round, smooth  
angled 30° at  
10mm from the tip  
0.25mm diameter

**K3-2312**



## Alio-Scimitar

MICS Phaco Pre-chopper  
curved with blunt tip and  
sharp inferior edge  
*For bimanual nucleus pre-chopping.*

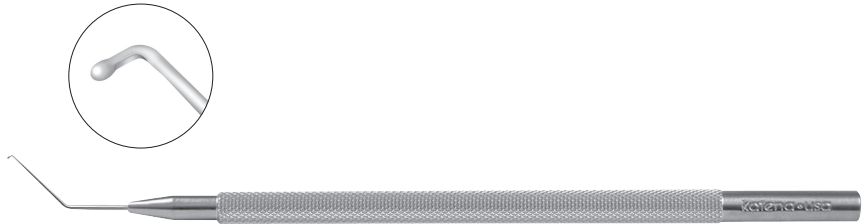
**K3-2324**



# Choppers

## Phaco Chopper

ball tip  
0.7mm inferior wedge  
**K3-2327**



## Nagahara

Phaco Chopper  
rounded, blunt tip  
0.9mm inferior wedge  
**K3-2329** (shown)  
**K3-2328** short handle, 100mm



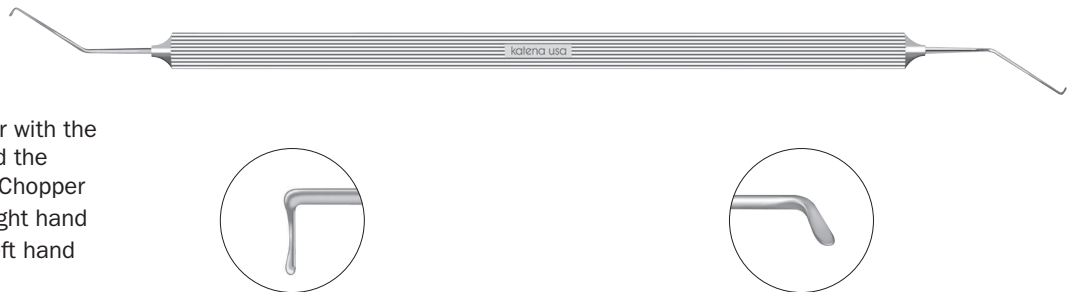
## Anis

Phaco Chopper  
rounded, blunt, olive tip  
offset inferior wedge  
**K3-2332** for use in right hand  
**K3-2333** for use in left hand



## Chang-Seibel

Phaco Chopper  
a combination chopper with the  
Chang MicroFinger and the  
Seibel Vertical Safety Chopper  
**K3-2340** for use in right hand  
**K3-2341** for use in left hand



# Spatulas • Nucleus Manipulators

## Milder

Phaco Chopper  
60° offset inferior wedge  
for horizontal chopping and  
a beveled distal tip for  
vertical chopping

**K3-2343** for use in left hand

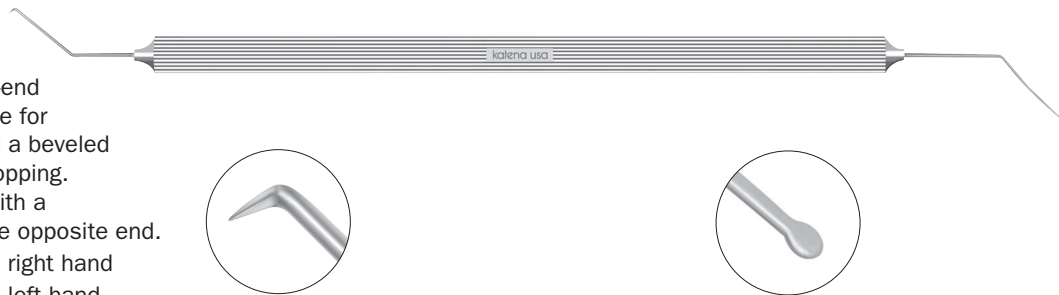


## Milder

Phaco Chopper, double-end  
60° offset inferior wedge for  
horizontal chopping and a beveled  
distal tip for vertical chopping.  
A 12mm long spatula with a  
disc-shaped tip is on the opposite end.

**K3-2344** for use in the right hand

**K3-2345** for use in the left hand



## Escaf

Nucleus Manipulator  
flattened olive-shaped tip  
angled at 45°

**K3-2347**



## Knolle

Nucleus Spatula  
malleable stainless steel, flat  
0.5mm wide

**K3-2350**



# Nucleus Manipulators



## Koch-Nagahara

Karate Chopper  
60° offset 1mm cutting wedge  
for horizontal chopping and  
pointed tip for vertical chopping.  
A gently curved duckbill shaped  
spatula is on the opposite end.  
**K3-2352** for use in right hand  
**K3-2353** for use in left hand



## Koch

Nucleus Spatula  
gently curved duckbill  
shaped tip  
**K3-2354** smooth  
**K3-2355** with notches



## Akahoshi

Nucleus Sustainer  
*Designed to provide  
counterpressure when  
used with the  
Akahoshi PreChopper.*  
**K3-2357**



# Nucleus Manipulators

## Escaf

Nucleus Sustainer  
smooth ball tip  
textured inferior surface

**K3-2359**



## Lieberman

MicroFinger  
Nucleus Manipulator

**K3-2360** for use in right hand

**K3-2361** for use in left hand



## Lieberman

MicroFinger and Spatula

**K3-2362** for use in right hand

**K3-2363** for use in left hand



## Fukasaku-Lieberman

Phaco Spatula  
a combination of the  
small pupil snapper hook  
and the MicroFinger

**K3-2364** for use in right hand

**K3-2365** for use in left hand

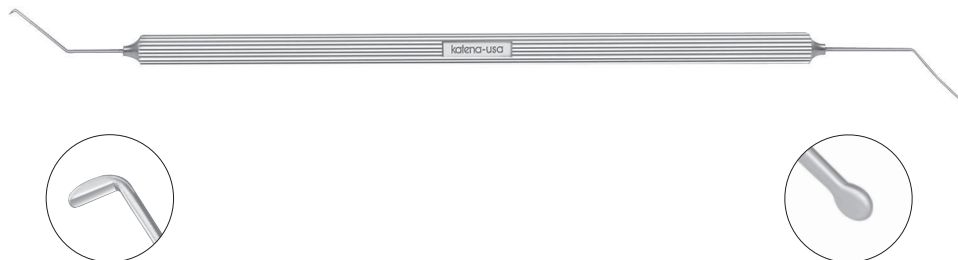


# Nucleus Choppers

## Masket

Phaco Spatula  
a combination of the Rosen  
Phaco Splitter and a 12mm  
long round spatula with disc  
shaped tip

**K3-2367**



## Chang

Phaco Chopper  
a combination of a modified  
MicroFinger and a 0.9mm long  
“Quick Chop” tip

**K3-2368** for use in right hand

**K3-2369** for use in left hand



## Minardi

Phaco Chopper  
0.7mm long  
“Quick Chop” tip

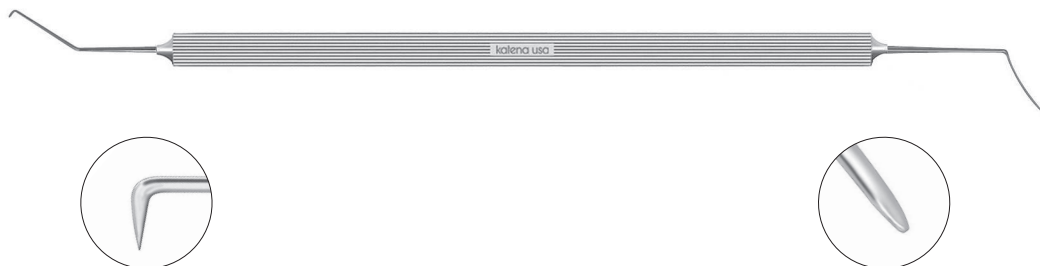
**K3-2370**



## Hwang

Phaco Chopper  
1mm long  
vertical chopper  
and a chisel  
tipped spatula

**K3-2374**



# Nucleus Choppers

## Agarwal

Karate Phaco Chopper  
semi-sharp, wedge shaped  
inferior edge with a  
pointed tip

**K3-2375**



## Chang

MicroFinger Chopper  
curved finger shaped tip  
*With defined inner edge  
for horizontal chopping.*

**K3-2377**



## Warren

Canine Phaco Chopper  
a combination of a 3.5mm  
long MicroFinger and a 2mm  
long pointed "Quick Chop" tip  
**For veterinary use only.**

**K3-2379**



## Brierley

Nucleus Splitter  
1.0mm long tip, angled  
with incision sealing shaft

**K3-2380**





# Nucleus Choppers

## Dodick-Kammann

Nucleus Chopper

*For bimanual nucleus division.*

**K3-2382** 1.5mm long tip,  
straight

**K3-2383** 1.5mm long tip,  
angled

**K3-2384** 2mm long tip,  
straight

**K3-2385** 2mm long tip,  
angled



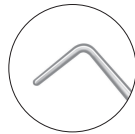
## Koch

Nucleus Chopper

1.6mm long with blunted tip

*With rounded surfaces designed  
for safely splitting and dividing a  
very soft nucleus.*

**K3-2386**



## Escaf

Nucleus Divider

1.25mm long

wedge shaped tip

*For vertical chopping.*

**K3-2387**



## Neuhann

Nucleus Divider

strongly curved spatulated tip

**K3-2388**



# Nucleus Choppers • Manipulators

## Nagahara

Nucleus Spatula  
flat inferior edge  
**K3-2390**



## Fukasaku

wedge shaped inferior edge  
**K3-2392** Snapper Hook  
**K3-2393** Small Pupil  
Snapper Hook with  
notch to engage  
the iris



K3-2392

K3-2393



## Rosen

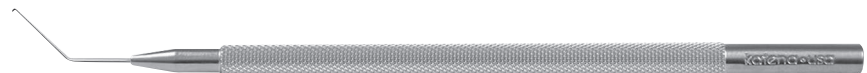
Phaco Splitter  
wedge-shaped inferior edge  
blunt tip

**K3-2395** inline wedge, standard  
**K3-2396** 60° offset wedge, for  
use in left hand



K3-2395

K3-2396



## Rowen

Phaco Spatula  
a combination of the  
Rosen Phaco Splitter  
and the Bechert  
Nucleus Rotator  
**K3-2398**



# Nucleus Manipulators

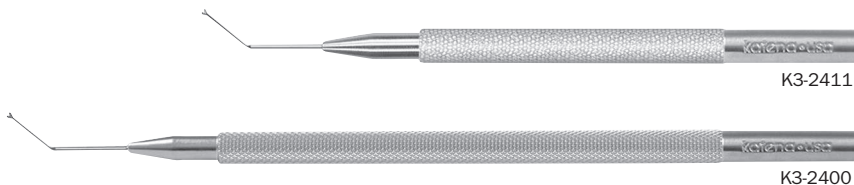
## Bechert

Nucleus Rotator  
blunt forked tip

**K3-2400** angled at 7mm

**K3-2410** angled at 9mm (not shown)

**K3-2411** short handle



## Clayman

Nucleus Rotator  
0.5mm wide flat spatula  
with V-notched tip

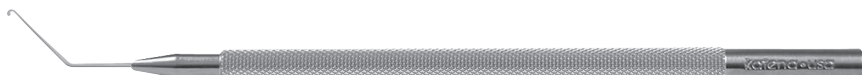
**K3-2415**



## Grayson

Nucleus Manipulator  
flattened, smoothly polished  
1.1mm long  
with "tear-drop" shaped tip

**K3-2417**



## Drysdale

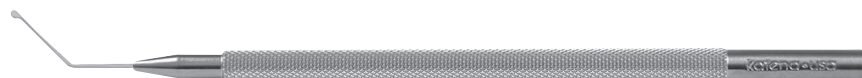
Nucleus Manipulator  
paddle shaped tip

**K3-2418** rounded edges

**K3-2419** defined anterior edge  
for capsule polishing



K3-2418



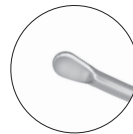
# Spatulas

## Pisacano

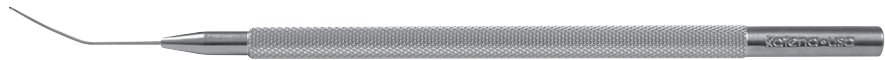
Nucleus Rotator  
flat disc shaped tip  
**K3-2420** horizontal  
**K3-2421** vertical



horizontal



vertical



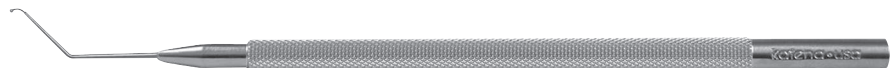
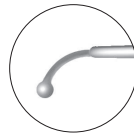
## Siepsier

Endocapsular Controller  
trumpet shaped tip  
**K3-2425**



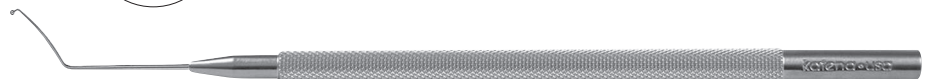
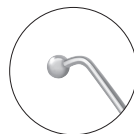
## Anis

Nucleus Manipulator  
with 0.5mm diameter ball tip  
**K3-2426** straight  
**KT3-2426** straight, titanium  
**K3-2427** angled (shown)  
**KT3-2427** angled, titanium



## Tennant

Nucleus Rotator  
with 0.6mm diameter  
ball shaped tip  
**K3-2428**



# Femto Spatulas

## Lippman

Nucleus Spatula  
0.5mm diameter round  
shaft with blunt forked tip

**K3-2430**

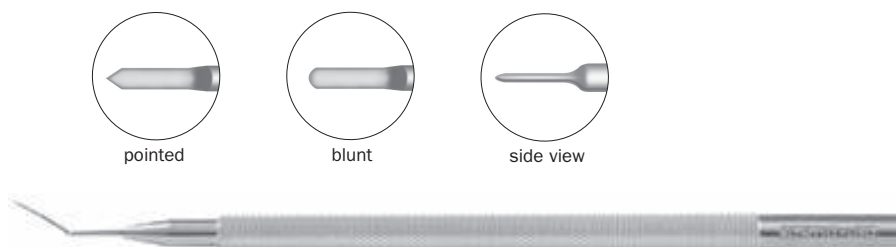


## Donnenfeld

Femto Spatula  
1mm long x 0.3mm wide  
flattened tip

**K3-2440** pointed

**K3-2442** blunt

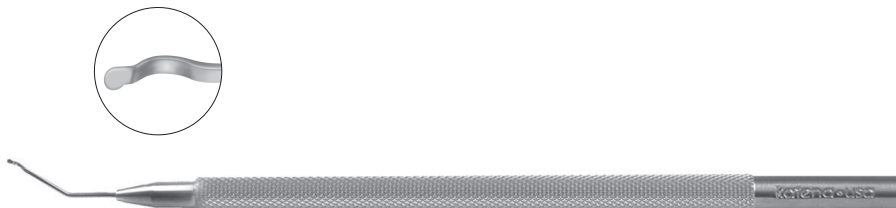


## Donnenfeld

Femto Splitter  
paracentral curve in shaft

**K3-2450** right (shown)

**K3-2451** left



## Katena

Femto Spatula  
double-ended with blunt tips  
1mm long x 0.3mm wide  
flattened spatula and  
2mm wide keratome-shaped tip

**K3-2460**

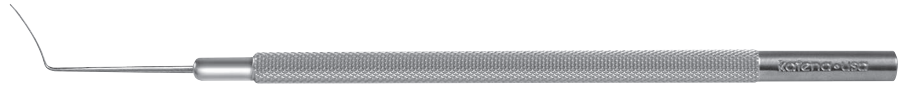


# Spatulas

## Girard

Synechiaie Spatula  
0.5mm wide with  
semi-sharp tip

**K3-2500**



## Obstbaum

Synechiaie Spatula  
0.25mm wide with  
semi-sharp tip

**K3-2520**



## Benedetto

IntraLase® Spatula  
10mm long, smoothly  
polished flattened spatula  
with beveled notches

**K3-2522**

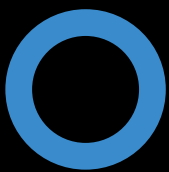


## Moran

LASIK Enhancement Spatula  
Fukasaku spatula  
and a modified Paton  
spatula

**K3-2524**





OPHTALMO  
THIS IS WHAT THE FUTURE LOOKS LIKE

- SURGICAL
- CONSUMABLES
- MEDICAL DEVICE