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2009

*Refurbish/Repair/Replace  
Ophthalmic Microsurgical Instruments*

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*Changes in surgical techniques require increased use of intricate instruments/accessories that need routine inspection. Microsurgical instruments for ophthalmology have miniaturized from 10-50% in working end size and delicacy.*

*Staff time to process, care for and procure instruments is reduced with cost efficiency employment. It is important to turn and remove unused instruments from your trays for efficiency.*

*A routine inspection program will help you save time and money. We offer you economical Care and Handling Tips with a Refurbish/Repair/Replace Program to help your staff.*

*Your instruments are a significant investment! Contact us (800) 756 7773, FAX (314) 849 7776 or e-mail [sales@crestpointmgt.com](mailto:sales@crestpointmgt.com) for assistance.*

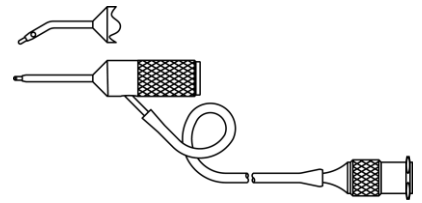
*Utilize manufacturer's recommendations for proper care, handling and sterilization. This publication is designed as a basic guideline, to assess Refurbish/Repair/Replace of ophthalmic microsurgical instrumentation.*

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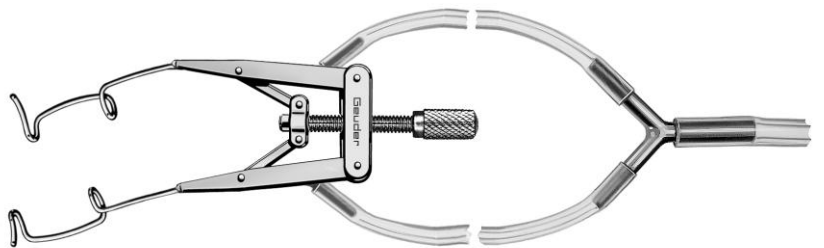
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## **REFURBISH/REPAIR/REPLACE INSTRUMENTS**

Instruments that undergo high volume use, or not in use for some time.

Instruments not routinely inspected or cleaned.

Corroded or stained instruments (spotted, rust colored film, rust, or deposits).

*Send to **Crestpoint** for a no charge assessment –  
call for instructions (800) 756 7773.*

## **ASSESS YOUR INSTRUMENTS**

After each procedure (through the cleaning process), instruments must be free of residue and debris (microscopically clean). Worn, damaged, porous, corroded instruments must be separated and sent for Refurbish/Repair/Replace. It is important that corroded instruments are immediately separated (from other instruments), as they may provoke and transmit corrosion to other instruments on the tray.

Some reasons to send in your instruments for Refurbish/Repair/Replace:

- √ Insufficient automatic or manual cleaning.
- √ Inappropriate cleaning residues, improper use of disinfecting or care agents.
- √ Contact with strong abrasive solutions.
- √ Water which contains ions such as iron or silicate.
- √ Sterilization stream deposits/residues.
- √ Improper cleaning/maintenance of sterilizer and sterilizer filters.
- √ Residues from medications, marking pens, or chemical indicators.
- √ Dropped, improperly handled, stacked instruments.
- √ Instruments with prolonged exposure to saline.
- √ Instruments with extended exposure to solutions, blood, tissue.

## **ESTABLISH ROUTINE TO REFURBISH/REPAIR/REPLACE**

*Send instruments in (full or partial tray) when you go to a conference, trade show, vacation, etc. Turn around of your trays may be scheduled in advance and back to your facility when you return, (to your requirement(s), with advance notice please). There is no charge to evaluate instruments for Refurbish/Repair/Replace, we provide you a price quote before we proceed.*

## **BASIC STEPS OF CARE AND HANDLING**

For assistance with Care and Handling, contact us at **(800) 756 7773**.

- Protect microsurgical tips at all times.
- Use Inspection of Instruments Checklist.
- Sterilization preparation.
- Sterilization.
- Storage.

## **ENSURE TO PROTECT INSTRUMENTS**

- √ Handle instruments with care through entire surgical process.
- √ Prevent delicate tips from damage (use aerated instrument tip protectors).
- √ After use, rinse instruments as soon as possible.
- √ Frequently examine interlocking, connecting and moveable components.

## **GUIDELINES FOR PURCHASING NEW INSTRUMENTS**

There are various quality and durability levels of surgical instruments produced, ranging from high to low. When you purchase instruments, purchase a high quality product that will last. Lower quality product will need frequent replacement and may/will eventually damage other instruments on your tray.

Choose a manufacturer/supplier that provides original designs and good service. Many instruments are copied. A copied instrument, not designed and manufactured to original specifications, may be dangerous in surgery. Assess what type of follow-up and post purchase service is available to you. Look at instruments purchased under a microscope. Are edges and finish smooth and free of defect or surface irregularities?

## **INSPECTING INSTRUMENTS**

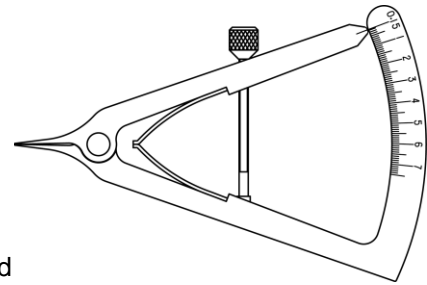
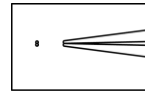
Under microscopic examination, check design of delicate working end tip, to tip illustration(s) in catalog. Questions, contact us **(800) 756 7773**.

**CALIPERS:** Check each moving part to ensure graduation/measurement of movement is smooth. Marking point should have a smooth finish.

**G19135** *Castroviejo Marking Caliper*  
Geuder Stainless Steel, Reusable

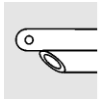


**9-652** *DK Marking Caliper*  
D&K Titanium, Reusable

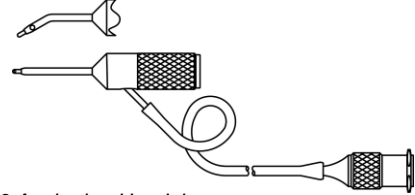
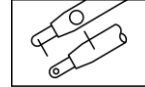


**CANNULAS, HANDPIECES:** Tips should have smooth finish, void rough edges. Send in at frequent short intervals to check and refurbish. Discard disposable Cannulas after use.

**G34280** *Simcoe I/A Cannula*  
Geuder Stainless Steel, Disposable



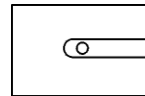
**8-635-2** *Ogawa I/A Cannula*  
D&K Titanium, Reusable



**G22100** *D.D. Koch-T. Kohnen Aspiration Handpiece*  
Geuder Stainless Steel, Reusable



**B15050** *Aspiration Handpiece*  
Stainless Steel, Reusable



**G22101** *D.D. Koch-T. Kohnen Irrigation Handpiece*  
Geuder Stainless Steel, Reusable

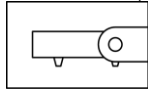


**8-680** *Packard Irrigation Chopper*  
D&K Titanium, Reusable



**FIXATION RINGS:** Fixation points should not be sharp. Ensure points of fixation are of same height, for consistent fixation. Send in at regular intervals to assess and refurbish.

**9-510R DK Fine Thornton Fixation Ring**  
D&K Titanium, Reusable

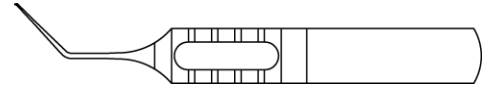
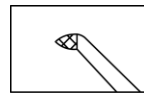


**FORCEPS:** Check alignment of tips. Teeth should be aligned to intermesh with each other (check for bent teeth). Jaws to point should close freely without friction. Tying platforms should meet evenly, full length of platform. Check surface finish on smooth tipped Forceps for irregular edges. Send in at regular intervals to be checked.

**G31303 H.-R. Koch Capsulorhexis Forceps**  
Geuder Stainless Steel, Reusable



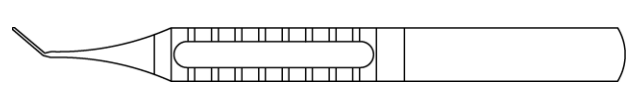
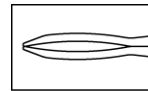
**2-719 Utrata Capsulorhexis Forceps**  
D&K Titanium, Reusable



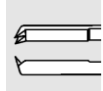
**DK7722 DK IOL Folding Forceps**  
D&K Titanium, Reusable



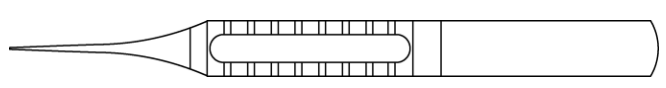
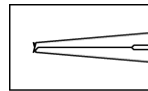
**DK7740 DK IOL Insertion Forceps**  
D&K Titanium, Reusable



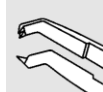
**G19022 Castroviejo Suturing Forceps**  
Geuder Stainless Steel, Reusable



**2-114 Castroviejo Suturing Forceps**  
D&K Titanium, Reusable



**G18950 Troutman Barraquer Colibri Forceps**  
Geuder Stainless Steel, Reusable

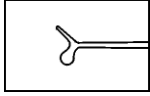


**G31519 Akahoshi Nucleus Spreading Forceps**  
Geuder Stainless Steel, Reusable



**HOOKS, MANIPULATORS, ROTATORS, DIVIDERS, PHACO CHOPPERS:** Check surface finish for irregular edges. Verify instrument shaft - straight, curved, or angled, ensure tip secure. Send in at regular short intervals for checking.

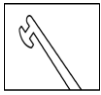
**H1712** Osher Y Hook  
Stainless Steel, Reusable



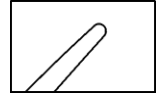
**G16181** Lieberman Microfinger  
Geuder Stainless Steel, Reusable



**6-400** Kuglen Iris Hook and IOL Manipulator  
D&K Titanium, Reusable



**H2005** Mackool® Chopper Spatula  
Stainless Steel, Reusable



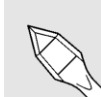
**INJECTORS:** Working end tip should be smooth and shape of manufacture design. Working mechanisms should be clean of all debris and operate smoothly. Send in at regular short intervals to assess and refurbish.

**G32960** Injector for Morcher Capsular Tension Ring  
(Not available for sale in certain countries where product has not received investigational/clinical/marketing approval.)  
Geuder Stainless Steel, Reusable

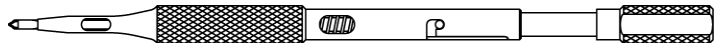
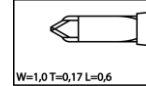


**KNIVES:** Inspect blade before each use for smoothness, nicks, irregular edge. Check moving mechanisms to ensure they work freely without drag. Send in at regular short intervals to check. Discard disposable Knives after use.

**G34160** Trapezoid Clear Cornea Knife  
Geuder Stainless Steel, Disposable



**4-620** Wallace LRI Diamond Knife  
D&K Titanium, Reusable



**MARKERS:** Ensure marker surface has smooth finish, free of surface irregularities. Send in at regular short intervals to be checked.

**9-749** Kearney Parabolic Marker  
D&K Titanium, Reusable

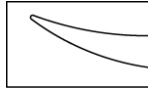


**G33746** Chayet LASIK Corneal Marker  
Geuder Stainless Steel, Reusable



**NEEDLE HOLDERS:** Jaws should be smooth, properly aligned, test lock function. Send in at frequent intervals to inspect and refurbish.

**3-205** DK Needle Holder  
D&K Titanium, Reusable

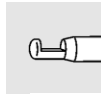


**G17570** Castroviejo Needle Holder  
Geuder Stainless Steel, Reusable

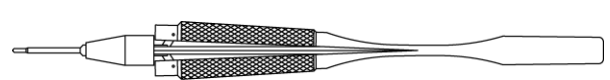
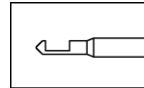


**PUNCHES:** Ensure working parts move freely without drag. Check working end for smooth finish, free of irregularities. Send in for routine inspection and refurbish.

**G18238** Kelly Glaucoma Punch  
Geuder Stainless Steel, Reusable



**7-102** Khaw Descemet Membrane Punch  
D&K Titanium, Reusable



**SCISSORS:** Check alignment, sharpness, dull areas, irregular edges, and worn spots. Send in at regular short intervals to check.

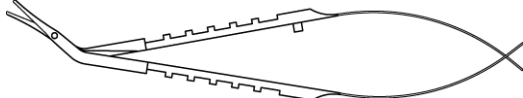
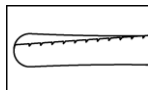
**G19776** Vannas Capsulotomy Scissors, Angled  
Geuder Stainless Steel, Reusable



**G19751** Westcott Type Stitch Scissors  
Geuder Stainless Steel, Reusable



**1-705** Osher IOL Cutter  
D&K Titanium, Reusable

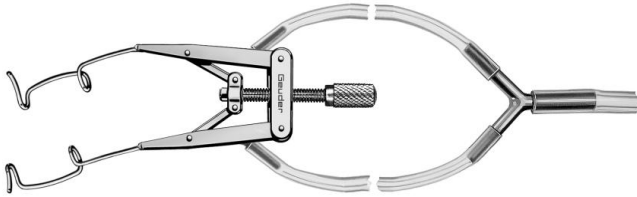


**G32945** Steinmetz IOL Scissors  
Geuder Stainless Steel, Reusable

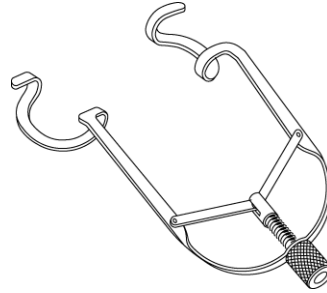


**SPECULA AND RETRACTORS:** Ensure blades smooth, free of surface irregularities. Working parts move freely without obstruction. Send in frequently for inspection.

**G15961** Lieberman Tennant Eye Speculum  
Geuder Stainless Steel, Reusable



**9-583** Williams Adjustable LASIK Speculum  
D&K Titanium, Reusable



**TREPHINES:** Check for smooth finish, free of surface irregularities. Send in at regular intervals to assess. Discard disposables after use.

**G20050** Hamburg Keratoplasty Trephine  
Geuder Stainless Steel, Reusable



**6-924** DK Epithelial Trephine  
D&K Titanium, Reusable




**STERILIZATION CASES:** Ensure Case is in good shape and designed to store and sterilize microsurgical instruments. Case should provide troughs or finger mat to secure instruments in place during transport, through sterilization process. Test finger mat, ensure flexible, to accommodate stored instruments.

Cut finger mats to custom fit delicate instruments into mat troughs, in order to properly close lid and not damage microsurgical instruments. Instruments should clear tray lid and rest comfortably between finger mat and/or troughs. Allow adequate room in Case, so instruments do not touch before, during or after surgery.

Secure tip protectors (with aeration) on all microsurgical instruments, stored in Case.

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 For customer service, call (314) 849 7773 or (800) 756 7773. Contact us for a Repair Goods Authorization Number (RGA) to send instruments in for evaluation. There is no charge to evaluate instruments for Refurbish/Repair/Replace; we provide you a price quote before we proceed. D&K® is a registered trademark of Duckworth & Kent Ltd. Geuder® is a registered trademark of Geuder AG. All other brand names are trademarks or registered trademarks of their respective owners. All schematic line drawings, photographs and copy are fully protected by copyright. No part of this Brochure may be reproduced in any form without prior written permission. We reserve the right to make changes at any time, without notice, in product specifications and availability. Schematic and photographic illustrations may vary from actual size. Tip drawings are shown enlarged. Descriptive, typographic, or photographic errors are subject to correction. Name(s) of instruments are often comprised of surgeon's name, combination of surgeons' names or by the category of the instrument. ©2009 Crestpoint Management Ltd. ZCC230 Revised 2/1/09

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