

## Fine Membranes

### GRIESHABER REVOLUTION® DSP ILM Forceps

- End-grasping design ideal for “maculorhexis” or other fine membrane grasping
- Tip style improves visualization
- Multi-purpose grasping applications
- Single-use, sterile

707.44 | 20 Gauge | 6/box  
 706.44 | 23 Gauge | 6/box  
 705.44 | 25 Gauge | 6/box  
 705.44P | 25+® | 6/box  
 711.44 | 27+® | 6/box\*

20 23 25 25+ 27+

### GRIESHABER REVOLUTION® DSP Asymmetrical Forceps

- Tip angle conforms to the radius curvature of the retina
- Allows for better visualization while grasping tissue
- Single-use, sterile

706.45 | 23 Gauge | 6/box  
 705.45 | 25 Gauge | 6/box  
 705.45P | 25+® | 6/box

23 25 25+

### GRIESHABER REVOLUTION® DSP End Grasping Forceps

- Fine tip enhances visualization
- Multi-purpose design
- Single-use, sterile

706.43 | 23 Gauge | 6/box  
 705.43 | 25 Gauge | 6/box  
 705.43P | 25+® | 6/box  
 711.43 | 27+® | 6/box\*

23 25 25+ 27+

### GRIESHABER REVOLUTION® DSP Fiber Optic End Grasping Forceps

- Fiber optic tip transmits light
- Homogenous light removes shadows
- Simple set up
- Single-use, sterile

708.12 | 20 gauge | 6/box

20

## Heavy Membranes

### GRIESHABER® MAXGRIP® Forceps

- Micro-textured broad grasping surface for secure grasping of fibrous or adherent membranes
- Grasping force exceeds 80 grams – 23G and 20G, 60 grams – 25G, 25+® series, 40 grams – 27+® series
- Blunt (slightly rounded) distal end
- Single-use, sterile

707.13 | 20 Gauge | 6/box  
 706.13 | 23 Gauge | 6/box  
 705.13 | 25 Gauge | 6/box  
 705.13P | 25+® | 6/box  
 711.13 | 27+® | 6/box\*

20 23 25 25+ 27+

### GRIESHABER REVOLUTION® DSP Serrated Forceps

- Serrated tip allows for secure grasping of fibrous membranes
- Wide opening allows for versatility
- Grasping force exceeds 50 grams – 23G, 40 grams – 25G
- Blunt (slightly rounded) distal end
- Single-use, sterile

707.47 | 20 Gauge | 6/box  
 706.47 | 23 Gauge | 6/box  
 705.47 | 25 Gauge | 6/box  
 705.47P | 25+® | 6/box

20 23 25 25+

### GRIESHABER REVOLUTION® DSP Curved Scissors

- Fine curved blades for multi-purpose cutting
- Smooth cutting action with 40° curvature
- Cannula compatible
- Single-use, sterile

706.52 | 23 Gauge | 6/box  
 705.52 | 25 Gauge | 6/box  
 705.52P | 25+® | 6/box

23 25 25+ 27+

711.53 | 27+® | 6/box\* - Straight Scissors

### GRIESHABER REVOLUTION® DSP Vertical Scissors

- Sharp, reliable cutting
- Rotatability, provides ease of tip repositioning
- Distal tip design aids in establishing cleavage plane
- Single-use, sterile

707.25 | 20 Gauge | 6/box  
 706.26 | 23 Gauge | 6/box

20 23

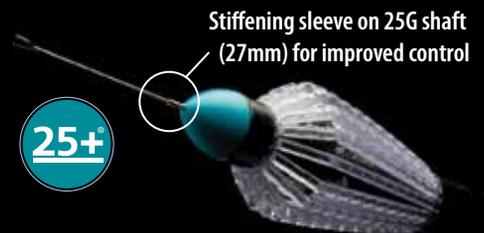
COATING	ILLUMINATED	GAUGE
Black Coated	Fiber Optic	20
Uncoated		23
Diamond Coated		25
		25+
		27+

\*Future Release

In the U.S. to order call 1-800-862-5266 or fax 1-800-241-0677. Outside the U.S. contact your local Alcon representative.

GRIESHABER® DSP SINGLE-USE INSTRUMENTS

**25+® instruments answer the most common barrier to 25G – instrument flexibility.**





**GRIESHABER  
REVOLUTION®  
Handle**

- Lightweight polymeric, ergonomic handle for exceptional balance and enhanced control
- 36 individual, sculpted levers provide tactile feedback
- 360° actuation rotational freedom for precise intraocular tip placement

712.00.41 | Red  
712.00.42 | Blue



**GRIESHABER®  
RENAISSANCE® NG  
Handle**

- Squeeze actuation mechanism
- Compatible with quick-lock connector tips
- Sleek, symmetrical, handle is light and ergonomic

712.00.31 | Red  
712.00.32 | Blue



**GRIESHABER®  
SUTHERLAND NG  
Handle**

- A staple of vitreoretinal surgeons for nearly 25 years
- Quick-lock connector compatible
- Simplistic design using a single lever mechanism

712.00.11 | Red  
712.00.12 | Blue



**GRIESHABER®  
RENAISSANCE®  
Advanced  
Handle**

- Slimmer design, shorter travel to actuate
- Lightweight handle with optimized center of gravity
- **Designed for use with GRIESHABER® Advanced DSP Tips only**

Skirta dirbti tik su  
GRIESHABER Advanced  
DSP instrumentiniais atgaliais.

9. 713.00.38 | Red

Grieshaber®  
Renaissance®  
Advanced  
rankena

GRIESHABER® REUSABLE HANDLES

In the U.S. to order call 1-800-862-5266 or fax 1-800-241-0677. Outside the U.S. contact your local Alcon representative.



**GRIESHABER® Advanced DSP Tips**

## Fine Membranes

### GRIESHABER® Advanced DSP Tip ILM Forceps

- End-grasping design ideal for “maculorhexis” or other fine membrane grasping
- Tip style improves visualization

720.44 | 20 Gauge | 6/box  
 723.44 | 23 Gauge | 6/box  
 725.44 | 25 Gauge | 6/box  
 725.44P | 25+\* | 6/box  
 727.44 | 27+\* | 6/box\*

20 23 25 25+ 27+

### GRIESHABER® Advanced DSP Tip Asymmetrical Forceps

- Tip angle conforms to the radius curvature of the retina
- Allows for better visualization while grasping tissue
- Grasping force exceeds 25 grams

723.45 | 23 Gauge | 6/box  
 725.45 | 25 Gauge | 6/box  
 725.45P | 25+\* | 6/box

23 25 25+

### GRIESHABER® Advanced DSP Tip End Grasping Forceps

- Fine tip enhances visualization
- Multi-purpose design
- Grasping force exceeds 25 grams

720.43 | 20 Gauge | 6/box  
 723.43 | 23 Gauge | 6/box  
 725.43 | 25 Gauge | 6/box  
 725.43P | 25+\* | 6/box  
 727.43 | 27+\* | 6/box\*

20 23 25 25+ 27+

## Heavy Membranes

Grieshaber® Advanced DSP Atgalis

MAXGRIP® ŽNYPLĖS

### GRIESHABER® Advanced DSP Tip

#### MAXGRIP® Forceps

- Micro-textured grasping surface for secure grasping of fibrous or adherent membranes
- Grasping force exceeds 80 grams – 23G, 60 grams – 25G, 40 grams – 27+\* series

Mikrostruktūrinis griebimo paviršius, skirtas saugiam pluoštinųjų ar adhezinių membranų sugriebimui

Suspaudimo jėga viršija 80 gramų - 23G, 60 gramų - 25G, 40 gramų - 27 + @ serijos

720.13 | 20 Gauge | 6/box

19. 723.13 | 23 Gauge | 6/box 23G, 6 vnt. dėžutėje

725.13 | 25 Gauge | 6/box

20. 725.13P | 25+\* | 6/box 25G, 6 vnt. dėžutėje

21. 727.13 | 27+\* | 6/box\* 27G, 6 vnt. dėžutėje

Grieshaber® Advanced DSP Atgalis

Dantytos Žnyplės

### GRIESHABER® Advanced DSP Tip Serrated Forceps

- Serrated tip allows for secure grasping of fibrous membranes
- Blunt (slightly rounded) distal end
- Grasping force exceeds 50 grams

Dantytas atgalis leidžia saugiai sumti pluoštines membranas

Sugriebimo jėga viršija 50g

720.47 | 20 Gauge | 6/box

22. 723.47 | 23 Gauge | 6/box 23G, 6 vnt. dėžutėje

725.47 | 25 Gauge | 6/box

23. 725.47P | 25+\* | 6/box 25G, 6 vnt. dėžutėje

Grieshaber Advanced DSP Lenktos Žirklės

### GRIESHABER® Advanced DSP Tip Curved Scissors

- Fine curved blades for multi-purpose cutting
- Smooth cutting action with 40° curvature
- Cannula compatible in 23 Gauge and 25 Gauge

Lygus kirpimas su 40° žirklių išlinkimu

720.52 | 20 Gauge | 6/box

15. 723.52 | 23 Gauge | 6/box 23G, Dėžutėje 6 vnt.

725.52 | 25 Gauge | 6/box

16. 725.52P | 25+\* | 6/box 25G, Dėžutėje 6 vnt.

17. 727.53 | 27+\* | 6/box\* - Straight Scissors

27G, Dėžutėje 6 vnt.

Grieshaber® Advanced DSP Atgalis VERTIKALIOS Žirklės

### GRIESHABER® Advanced DSP Tip Vertical Scissors

- Smooth cutting action for membrane segmentation
- Single-use, sterile
- Products are not 20 Gauge cannula compatible

Lygus kirpimas membranų segmentacijai

701.11 | 20 Gauge | 1.1 mm | 6/box

701.12 | 20 Gauge | 1.9 mm | 6/box

720.26 | 20 Gauge | MPC Style | 6/box

18. 723.26 | 23 Gauge | MPC Style | 6/box 23G. Dėžutėje 6 vnt

Visi DSP Atgaliai yra sterilūs, vienkartinio naudojimo

**All DSP Tips are sterile, single-use and can be paired with the handle of your choice. Tips and handles sold separately.**

\*Future Release

COATING	ILLUMINATED	GAUGE
Black Coated	Fiber Optic	20
Uncoated		23
Diamond Coated		25
		25+
		27+

Many tip choices to fit your surgical pathologies

### Backflush Soft Tip, DSP Atbulinio plovimo/aspiracijos Minkštas Antgalis, DSP

- Single-use, sterile Vienkartinio naudojimo, sterilus
- For handling tissue, hemorrhage and bleeding Skirtas darbui su audiniais, hemoragijai ir kraujavimui
- Surgeon controlled immediate aspiration and back flush
- Designed to serve as active and passive aspiration device Sukurtas naudoti kaip aktyvios arba pasyvios aspiracijos įrenginys

- 337.82 | 20 Gauge | 6/box | 2.0 mm 20 23 25 27+
12. 337.86 | 23 Gauge | 6/box | 2.0 mm 23G, Dežutėje 6vnt.
13. 337.84 | 25 Gauge | 6/box | 2.0 mm 25G, Dežutėje 6vnt.
14. 337.88 | 27+\* | 6/box | 0.8 mm\* 27G, Dežutėje 6vnt.

### Backflush Blunt Tip, DSP

- Single-use, sterile
- For handling tissue, hemorrhage and bleeding
- Surgeon controlled immediate aspiration and back flush
- Designed to serve as active and passive aspiration device

- 337.81 | 20 Gauge | 6/box 20 23 25 27+
- 337.85 | 23 Gauge | 6/box
- 337.83 | 25 Gauge | 6/box
- 337.87 | 27+\* | 6/box\*

### Soft Tip Cannula

- Single-use, sterile

- 8065149528 | 20 Gauge | 10/box | 2.0 mm\*
- 8065149527 | 23 Gauge | 10/box | 0.8 mm\*
- 8065149530 | 25 Gauge | 10/box | 0.8 mm\*
- 8065149529 | 27+\* | 10/box | 0.8 mm\*

### Soft Tip Cannula

- Single-use, sterile

- 8065149523 | 23 Gauge | 10/box†
- 8065149525 | 25 Gauge | 10/box†



### Aspirating Pic, DSP

- Single-use, sterile
- Multi-purpose aspirating pic for manipulation of tissue
- Cannula compatible

337.51 | 25 Gauge | 6/box



### Extendable Pic, DSP

- Single-use, sterile
- Comfortable manipulation of tissue
- Cannula compatible

337.52 | 25 Gauge | 6/box



### 45° Delamination Spatula, DSP

- Single-use, sterile
- Blunt design allows for tissue delamination

337.94 | 23 Gauge | 6/box 23 25

337.91 | 25 Gauge | 6/box

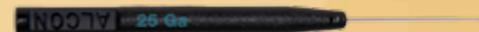


### 45° Pic, DSP

- Single-use, sterile
- Sharp pic design can assist in gaining a membrane edge for peeling

337.95 | 23 Gauge | 6/box 23 25

337.92 | 25 Gauge | 6/box



### MVR DSP

- Single-use, sterile
- May be used as a pic or to dissect membranes

8065912001 | 20 Gauge | 6/box 20 23 25

8065912301 | 23 Gauge | 6/box

8065912501 | 25 Gauge | 6/box

†Available in certain markets only.

\*Future Release

**GRIESHABER® Advanced DSP Backflush – surgeon controlled immediate aspiration and reflux**

### GRIESHABER® Aspheric Macular Lens

- Designed for improved visualization with enhanced contrast and crisp viewing throughout field of view
- Excellent self retaining qualities with more than 200mm<sup>2</sup> corneal surface contact area
- Six tabs stabilize but do not interfere with cannulas or globe rotation.
- Aspheric geometry offers improvements over traditional lens geometry to compensate for off-axis stereo viewing, defocus, loss of contrast and edge sharpness

618.60 | 6/box | ~30° FOV -59D



### Diathermy Probe, DSP

- Designed to selectively coagulate tissue
- Pointed 30° tip for optimal visualization
- Ergonomic handle design
- For use on the CONSTELLATION® Vision System or ACCURUS® Surgical System

339.21 | 25 Gauge | 6/box\*

339.31 | 27+° | 6/box\*

8065128301 | 12' Reusable Bipolar Therman Cable | 1 each

8065128402 | 12' Reusable Bipolar Silicone Cable | 1 each

20 23 25 27+

### CONSTELLATION® Pneumatic Hand Piece, DSP

- Designed for use with 20, 23, 25, 25+°, or 27+° series GRIESHABER® Advanced DSP tips
- Lightweight, ergonomic handle with superior control of actuation through the footpedal
- Single-cut or multi-cut scissors actuation similar to MPC
- Proportional control also available for scissors or forceps
- ENGAUGE® RFID
- Sterile, single-use

725.01 | 6/box

20 23 25 25+ 27+



### ACCURUS® Pneumatic Hand Piece Adaptor

- Converts the ACCURUS® Pneumatic Hand Piece (8065808101) to be used with DSP tips
- Threaded to quick lock connector adaptor
- Reusable

712.00.01 | 1 each

8065808101 | ACCURUS® Pneumatic Hand Piece | 1 each



### Sclerotomy Adaptor, DSP

- Single-use, sterile
- Allows conversion of a 20 Gauge non-cannulated incision down to either a 23 Gauge or 25 Gauge cannula-based surgery
- Contains one sclerotomy adaptor and one plug

617.91 | 20/23 Gauge | 6/box

617.92 | 20/25 Gauge | 6/box

23 25



### GRIESHABER ULTRASHARP® Dissection Knife

- Spatula-shaped knife of 0.6mm used to make self-sealing incision at the limbus
- This knife can be used to make incision for Flexible Iris Retractors (611.74/611.75)

681.05 | 1 each



611.74 | 1 unit of 5 retractors | 1/box

611.75 | 6 units of 5 retractors | 1/box

\*Future Release

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Outside the U.S. contact your local Alcon representative.

COATING	ILLUMINATED	GAUGE	ILLUMINATION CONNECTOR
Black Coated	Fiber Optic	20	ALCON® ACMI
Uncoated		23	
Diamond Coated		25	
		25+	
		27+	

25G Diathermy for both 23G & 25G cases.

## GRIESHABER® DSP Combined Brief Statement

**Indications for Use:** The CONSTELLATION® Vision System is an ophthalmic microsurgical system that is indicated for both anterior segment (i.e., phacoemulsification and removal of cataracts) and posterior segment (i.e., vitreoretinal) ophthalmic surgery.

GRIESHABER® DSP instruments are a line of single-use vitreoretinal micro-instruments which are used in ophthalmic surgery, for cases either in the anterior or the posterior segment. The GRIESHABER® Advanced Backflush Handles DSP are a family of instruments for fluid and gas handling in vitreoretinal surgery.

**Caution:** Federal (USA) law restricts this device to sale by, or on the order of, a physician.

### **Warnings and Precautions: CONSTELLATION® Vision System**

- The disposables used in conjunction with ALCON® instrument products constitute a complete surgical system. Use of disposables and handpieces other than those manufactured by Alcon may affect system performance and create potential hazards.
- Attach only consumables supplied by Alcon to console and cassette luer fittings. Do not connect consumables to the patient's intravenous connections.
- Mismatch of consumable components and use of settings not specifically adjusted for a particular combination of consumable components may create a patient hazard.
- Vitreous traction has been known to create retinal tears and retinal detachments.
- The closed loop system of the CONSTELLATION® Vision System that adjusts IOP cannot replace the standard of care in judging IOP intraoperatively. If the surgeon believes that the IOP is not responding to the system settings and is dangerously high or low, this may represent a system failure. Note: To ensure proper IOP Compensation calibration, place infusion tubing and infusion cannula on a sterile draped tray at mid-cassette level during the priming cycle.
- Leaking sclerotomy may lead to post operative hypotony.

### **Warnings and Precautions: GRIESHABER® DSP Instruments**

- Potential risk from reuse or reprocessing GRIESHABER® DSP instruments include: foreign particle introduction to the eye; reduced cutting or grasping performance; path leaks or obstruction resulting in reduced fluidics performance.
- Verify correct tip attachment, function and tip actuation before placing it into the eye for surgery.
- For light fiber instruments: Minimize light intensity and duration of exposure to the retina to reduce risk of retinal photic injury. The light fiber instruments are designed for use with an ALCON® illumination source.
- Good clinical practice dictates the testing for adequate irrigation and aspiration flow prior to entering the eye. If stream of fluid is weak or absent, good fluidics response will be jeopardized.
- Use appropriate pressure supply to ensure a stable IOP.
- If unwanted tissue gets engaged to the aspiration port, it should be released by interrupting aspiration before moving the instrument.

**Attention:** Reference the device specific Directions for Use for a complete listing of indications, warnings, and precautions.

## GRIESHABER® Aspheric Macular Lens Brief Statement

**Indications for Use:** The GRIESHABER® DSP Aspheric Macular Lens is used to visualize the fundus and retinal structures during vitreoretinal surgery. It is designed as a self-retaining contact lens to allow hands-free operation.

**Caution:** Federal (USA) law restricts this device to sale by, or on the order of, a physician.

### **Warnings and Precautions:**

- The device may be used only by well trained physicians and personnel.
- Potential risk from reuse or reprocessing include: reduced optical quality, surface damage on the optics, and foreign particle introduction to the eye.
- The surgeon's team has to ensure that sufficient viscous fluid is available throughout usage of the lens for continuous humidification of the cornea.

**Attention:** Reference the Directions for Use for a complete listing of indications, warnings, and precautions.

## GRIESHABER® Diathermy Brief Statement

**Indications for Use:** The GRIESHABER® Diathermy Probes are used for cases either in the anterior or posterior eye segment. Diathermy can be used to treat retinal tears, stop surface bleeding and selectively coagulate tissue by applying electrical energy.

**Caution:** Federal (USA) law restricts this device to sale by, or on the order of, a physician.

### **Warnings and Precautions:**

- The device may be used only by well trained physicians and personnel.
- Potential risk from reuse or reprocessing include: insufficient coagulation performance, and foreign particle introduction into the eye.
- Do not use the coagulation instruments on patients with pacemakers. If electro surgery is used on patients with implanted cardiac pacemakers or pacemaker electrodes, be aware that irreparable damage to the pacemaker and its function may occur and lead to ventricular fibrillation.
- Do not activate coagulation while instrument tip is in contact with a metallic surface.
- Prior to each use, the instrument and cord must be thoroughly inspected. Using damaged instruments or cables can result in injury to the patient or the operating room personnel.
- Connect the bipolar cable to the coagulation receptacles of the console only.
- Flammable agents or solvents should be allowed to fully evaporate before application of high-frequency energy.
- Avoid prolonged activation. Multiple short activations allow the normal surrounding tissue to remain cool.

**Attention:** Reference the Directions for Use for a complete listing of indications, warnings, and precautions.

*A variety of specialty instruments to compliment  
vitreoretinal surgeries.*