Precision and **security** in the palm of your hand.
Reduce cost and waste while optimizing surgical outcomes

The ReNew IV handpiece provides a more substantial and responsive tactile experience than disposable plastic instruments. Microline Surgical’s ReNew technology pairs an ergonomic, high quality, reusable handpiece with a single use scissor, grasper, or dissector tip. High precision features allow for the tips to mimic the surgeon’s handle action. The handpiece and tips create a system unsurpassed in precision, performance, and reliability.

- Available in 25, 34 and 42cm shaft lengths
- Designed to fit any Microline scissor, grasper and dissector tip
- Single-use scissor tips provide surgeons with the sharpest blades for every procedure
- Made in the USA

Monopolar cautery pin with flushport allows high-flow inner lumen flushing for fast, safe, and effective cleaning

Removable cautery cap doubles as a flushport luer cover

Comfortable single-handed 360° rotation knob

High dielectric strength PEEK™ shaft material

Patented coaxial threading features two sets of interlocking threads for superior tip security

Optional, easy ratchet for right or left handed operation

Removable, reusable ring inserts for custom fit and comfort

ORDERING INFORMATION:

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<tr>
<th>Product</th>
<th>Shaft Length</th>
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<td>Medium (set of 3)</td>
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To place an order, please call toll free 866-639-2826 (US only)
**Precision Cut Disposable Scissors**

Single Use: 10 per box

Microline disposable scissor tips offer the cleanest cut along the entire length of the blade — every time, for every procedure.

- **Endocut**
  - Disposable
  - REF 3142

- **Mini Endocut**
  - Disposable
  - REF 3152

- **Metzenbaum**
  - Disposable
  - REF 3112

- **Micro**
  - Disposable
  - REF 3122

- **Hook**
  - Disposable
  - REF 3132

- **Delicate Metzenbaum**
  - Disposable
  - REF 3162

**Super-Atrau Graspers**

Single Use: 10 per box

- Significantly reduces the risk of tissue tears and perforations
- The soft insert absorbs force instead of the tissue
- Non-latex padding

- **Atrau Grabber**
  - Our most versatile all-purpose Atraumatic grasper with polymer pads.
  - Disposable
  - REF 3622

- **Atrau Modified Raptor**
  - Distinctive jaw pattern with polymer pads provides a secure grip on soft tissue.
  - Disposable
  - REF 3632

- **Atrau Fenestrated**
  - Fenestrated jaws with polymer pads.
  - Excellent for blunt dissection.
  - Disposable
  - REF 3642

- **Atrau Short Grabber**
  - Short design combined with polymer pads.
  - Disposable
  - REF 3652
Control Tip Graspers

**Traditional**
- Traditional design. Straight, short serrated jaws with proximal recess.
- Reusable: 5 per box  |  Single Use: 10 per box

**Fenestrated**
- Fenestrated and grooved slot to allow for strong yet gentle grasping.
- Reusable: REF 3221  |  Disposable: REF 3222

**Modified Traditional**
- More distinctive jaw pattern with large smooth retrograde teeth for firm hold of heavy tissue and/or tissue extraction.
- Reusable: REF 3231

**Grabber**
- More distinctive jaw pattern with large, smooth retrograde teeth for firm hold.
- Reusable: REF 3241

**Lapclinch**
- Microline's answer to the most popular disposable grasper patterns. Larger serration at tip and recessed proximal area.
- Reusable: REF 3251  |  Disposable: REF 3252

**Long Fenestrated**
- Longer jaws promote atraumatic grasping and manipulation of bowel, stomach and mesentery. Slotted with micro-serrations.
- Reusable: REF 3261  |  Disposable: REF 3262

**Modified Raptor**
- Our most versatile all-purpose grasper. Beveled edges and a capture box permit secure, atraumatic hold.
- Reusable: REF 3291  |  Disposable: REF 3292

**5mm Babcock**
- Traditional pattern with smaller grasping pads for use on the most delicate tissue.
- Reusable: REF 3301  |  Disposable: REF 3302

**Hunter**
- Traditional Hunter design for effective grasping of tissue.
- Reusable: REF 3361

**Modified Traditional Babcock**
- Traditional pattern with larger grasping pads to permit more secure, gentle grasping of delicate tissues.
- Reusable: REF 3371  |  Disposable: REF 3372

**Modified Traditional**
- Traditional Babcock
- More distinctive jaw pattern with large smooth retrograde teeth for firm hold of heavy tissue and/or tissue extraction.
- Reusable: REF 3371  |  Disposable: REF 3372

**10mm Babcock**
- Traditional design with larger jaws provides greater grasping and manipulation of the most sensitive tissues. Requires a 10mm trocar.
- Reusable: REF 3381  |  Disposable: REF 3382

**Micro Fenestrated**
- Fenestrated jaw with micro-serrations provides excellent grasping.
- Reusable: REF 3401

**Cobra Tooth**
- Jaw design provides an extremely secure grip. Improved traditional design for extraction of tissue.
- Reusable: REF 3411

**Cup Tooth**
- Fine serrations and cup capture tissue. Provides precise grasping and versatility.
- Reusable: REF 3421

**Biopsy Punch**
- Single action toothed jaw for tissue removal.
- Reusable: REF 3431
Control Tip Dissectors

- Fully insulated over the hinge for coagulation
- Flush hinge design for precise dissection, increased visibility, and response

**Dolphin Nose**
Traditional tapered dissector pattern with micro-serrations at the tip. Wider opening jaws. Slightly longer for increased versatility. Recessed smooth proximal area. Insulated over the hinge.

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**Modified Maryland**
A slender jaw design with micro-serrations and a pronounced angle at the tip allows for more delicate tissue manipulation.

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**5mm Right Angle**
True right angle for wide tissue spread and dissection around delicate structures.

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**10mm Right Angle**
Extra tip length for greater visibility. Requires a 10mm Trocar.

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**Traditional Maryland**
Gentle curve with tapered, serrated jaws. Effective for suture grasping and knot tying.

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**Birkett Grasper Dissector**
Slender tapered jaws with micro-serrations can be used both as a grasper and dissector.

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