Precision Dissection Electrodes

Epitome® Scalpel

The Epitome® Scalpel electrode uses a fine wire element at the edge of a non-conductive ceramic core to focus the current at the edge of the blade, resulting in clean tissue dissection with minimal thermal injury. Comparative histology (at right) of porcine skin incisions shows that Epitome (1) yields significantly reduced thermal injury and fibroplasia as compared to a standard electrosurgical tip incision (2). Providing the cutting precision exceeding that of a cold scalpel, cosmetic results comparable to a cold scalpel, and hemostasis of the electrosurgical modality, only Epitome can potentially provide:

- Rapid and precise cutting through dense breast tissue during reduction mammoplasty and mastectomy
- Rapid elevation of the abdominal flap that often eliminates seroma in abdominoplasty
- Reduced thermal tissue injury, yet easily dissects adipose tissue without increased power settings
- Minimized necrotic zone for reduced circulation complications in flaps

OptiMicro™ Needle

The OptiMicro™ Needle ultra-fine tip electrosurgical electrodes are designed to provide precise dissection without adverse thermal effects to yield excellent cosmetic results for small-scale procedures. These micro-needles have the finest geometry available. Because of their extremely small surface area, high current densities are achieved with very low power settings.

Utah Medical Products designed and manufactures the OptiMicro Needle to exacting standards, providing the discerning surgeon with important clinical benefits:

- Thermal tissue injury is virtually eliminated, allowing excellent healing results.
- Output power settings are very low, minimizing nerve and muscle cell stimulation and stray electrosurgical currents.
- Tungsten electrode withstands high current densities, and maintains sharpness throughout procedure.
- Substantially reduces smoke plume and odor compared to standard blade geometry tips.
- Provided sterile for immediate use.

Epitome and OptiMicro are excellent choices that offer the healing characteristics of a cold scalpel combined with the hemostasis of the electrosurgical modality. Improve surgical results in the following specialties and procedures:

**Plastic and Cosmetic Surgery:**
- Abdominoplasty
- Blepharoplasty
- Body Contouring
- Breast Augmentation
- Breast Reconstruction
- Breast Reduction
- Capsulectomy
- Face Lift

**ENT/Head and Neck Surgery:**
- Head and Neck Dissection
- Parotidectomy
- Thyroidectomy
- Tonsillectomy
- Turbinates
- UPPP

**Epitome Scalpel**

<table>
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<th>Order No</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>CBE-210 Bendable Epitome .2, standard 2” shaft</td>
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<tr>
<td>2</td>
<td>CBE-220 Bendable Epitome .2, standard 2” shaft with ZapGuard™</td>
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<td>CBE-100 Epitome .4, standard 2” shaft</td>
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<td>CBE-200 Epitome .2, standard 2” shaft</td>
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<td>5</td>
<td>CBE-150 Epitome .4, extended 4” shaft</td>
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<td>CBE-250 Epitome .2, extended 4” shaft</td>
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<td>CBE-260 Bendable Epitome .2, extended 4” shaft with ZapGuard™</td>
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<td>8</td>
<td>CBE-270 Bendable Epitome .2, extended 6” shaft with ZapGuard™</td>
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**OptiMicro Needle**

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<th>Order No</th>
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<tr>
<td>9</td>
<td>DN-0810 OptiMicro Needle, 8cm long with 10mm exposed tip</td>
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<td>DN-0800 OptiMicro Needle, 8cm long straight tip</td>
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<td>DN-0400 OptiMicro Needle, 4cm long straight tip</td>
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<td>DN-0300 OptiMicro Needle, 3cm long straight tip</td>
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<td>DN-0200 OptiMicro Needle, 2cm long straight tip</td>
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<td>DN-0245 OptiMicro Needle, 2cm long with 3mm long 45° tip</td>
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<td>DN-0345 OptiMicro Needle, 3cm long with 3mm long 45° tip</td>
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<td>16</td>
<td>DN-0445 OptiMicro Needle, 3cm long with 10mm long 45° tip</td>
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Select Epitome Scalpels have a malleable tip configuration, and feature ZapGuard™ to protect the patient from peripheral burns.

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**United States**
Utah Medical Products, Inc.
7043 South 300 West
Midvale, Utah 84047
800.533.4984 • 801.566.1200
fax 801.566.2062

**Ireland**
Utah Medical Products Ltd.
Athlone Business & Technology Park
Athlone, County Westmeath N37 XK74
(090) 647.3932 • fax (090) 647.5608

**United Kingdom**
Femcare-Nikomed Ltd.
32 Premier Way
Romsey, Hampshire SO51 9DG
(01794) 525.100 • fax (01794) 525.101
www.utahmed.com

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