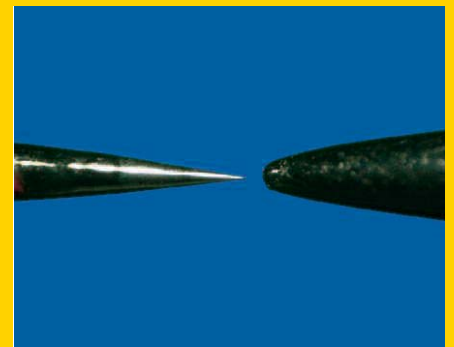


# Colorado

## MicroDissection Needles

For Precision Electrosurgery



Colorado Tip

Ordinary Tip

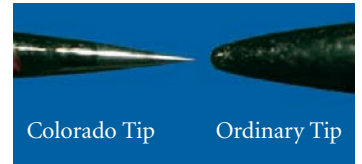


# Colorado

## The Colorado MicroDissection Needle

- A patented **Ultra Sharp Tip** for clean, precise soft tissue dissection
- Heat resistant **Tungsten Alloy** maintains tip sharpness
- High temperature polymer **Insulation** provides high dielectric strength and prevents unwanted tissue trauma

5 Microns Nominal



### N-series MicroDissection Needles



N110A - 20 mm length, straight



N112A - 20 mm length, 3 mm 45° angle



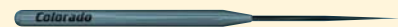
N117A - 20 mm length, 90° angle



N103A - 30 mm length, straight



N113A - 30 mm length, 3 mm 45° angle



N101A - 30 mm length, uninsulated



N104A - 40 mm length, straight



N117 - 20 mm length, 45° angle



N102A - 40 mm length, uninsulated

Standard Sleeve diameter is 2.35 mm; 1.6 mm sleeve available on request.

### E103-series MicroDissection Needles



E1033 - 76 mm length, straight sleeve, 10 mm needle



E1034 - 102 mm length, straight sleeve, 10 mm needle



E1035 - 127 mm length, straight sleeve, 10 mm needle



E1036 - 152 mm length, straight sleeve, 10 mm needle



E1037 - 178 mm length, straight sleeve, 10 mm needle



(Needles are packaged Sterile and labeled Single Use) All needles shown actual size

- Effective at **Low Power Settings**
- Exceptional **Hemostatic Properties** due to increased current density at tip
- **Highly Polished Tip** for easy cleaning

### E113-series MicroDissection Needles



E1133 - 76 mm length, straight sleeve, 3 mm 45° angle



E1134 - 102 mm length, straight sleeve, 3 mm 45° angle



E1135 - 127 mm length, straight sleeve, 3 mm 45° angle



E1136 - 152 mm length, straight sleeve, 3 mm 45° angle



E1137 - 178 mm length, straight sleeve, 3 mm 45° angle

### E117-series MicroDissection Needles



E1177 - 178 mm length, straight sleeve, 10 mm 45° angle



E1176 - 152 mm length, straight sleeve, 10 mm 45° angle



E1175 - 127 mm length, straight sleeve, 10 mm 45° angle



E1174 - 102 mm length, straight sleeve, 10 mm 45° angle



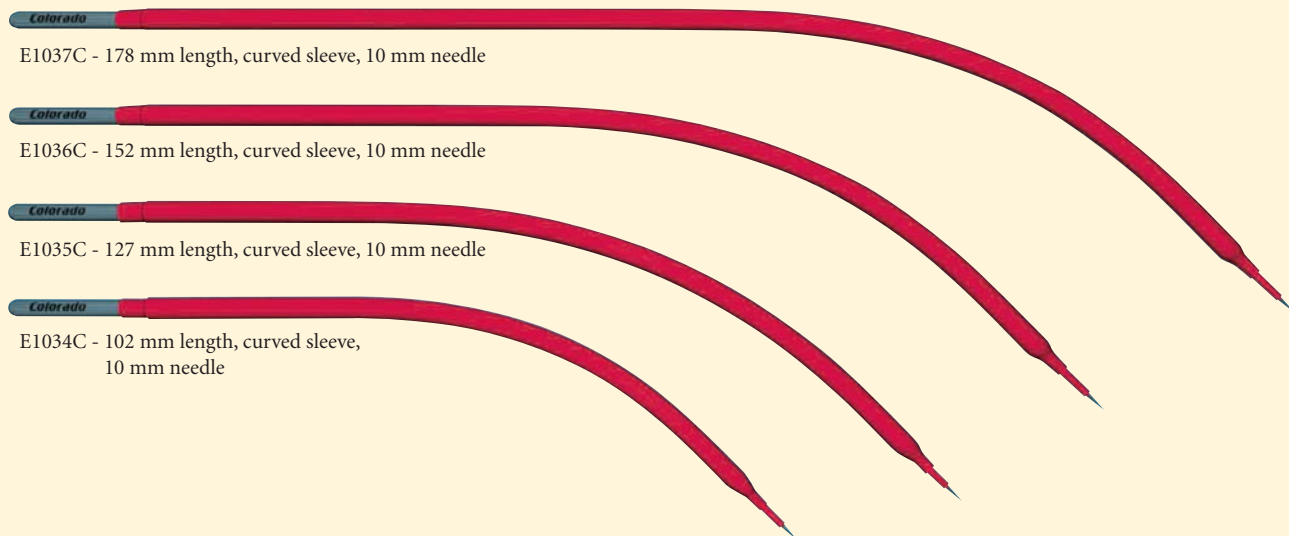
E1173 - 76 mm length, straight sleeve, 10 mm 45° angle

Note: E117-series needles also available with right-angle up, designated E117A-series. (E1173A, E1174A, etc.)

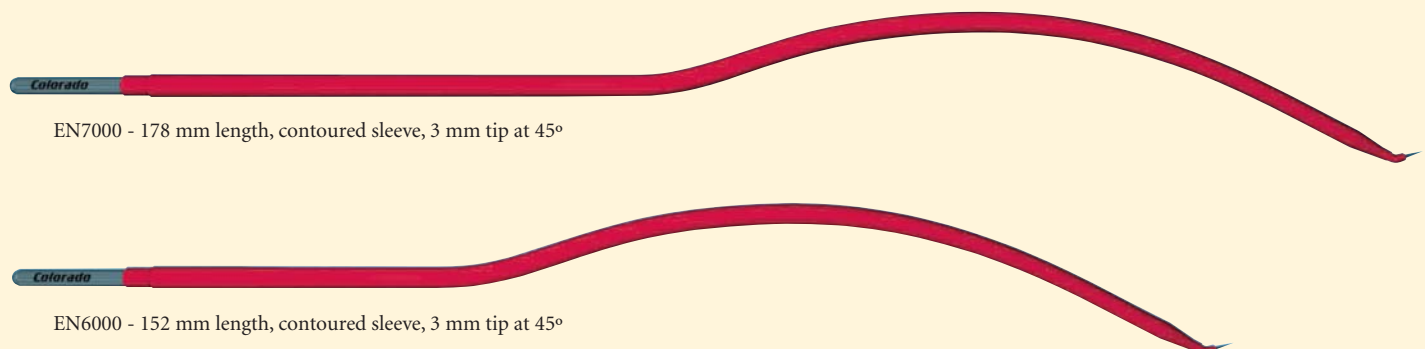
(Needles are Packaged Sterile and labeled Single Use) All needles shown actual size

- **Wide Selection** of needle electrodes for use in standard handpieces
- Standard shaft size
- Needles are **Packaged Sterile**

### E103C-series MicroDissection Needles



### EN-series Curved MicroDissection Needles (Brow)



(Needles are Packaged Sterile and labeled Single Use) All needles shown actual size

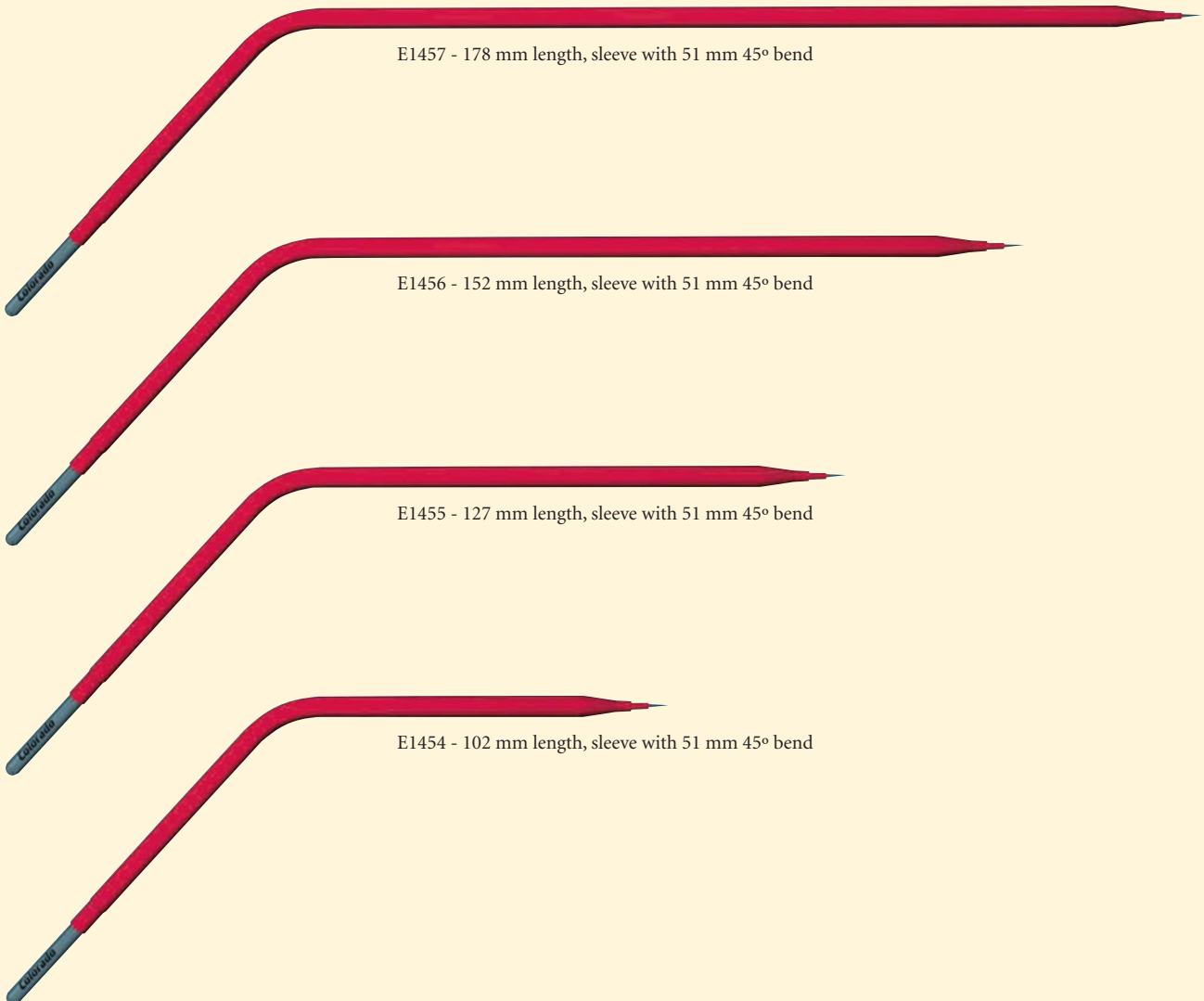


**AC2000 Adapter Chuck**  
Adapts Colorado Needle for use with 4 mm handpieces such as Martin or Erbe.

(Needles are  
Packaged Sterile  
and labeled Single Use)



### E1400-series Long Angled MicroDissection Needles



E1457 - 178 mm length, sleeve with 51 mm 45° bend

E1456 - 152 mm length, sleeve with 51 mm 45° bend

E1455 - 127 mm length, sleeve with 51 mm 45° bend

E1454 - 102 mm length, sleeve with 51 mm 45° bend

(Needles are Packaged Sterile and labeled Single Use) All needles shown actual size

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**Joint Replacements**

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**Trauma, Extremities & Deformities**

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**Craniomaxillofacial**

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**Spine**

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**Biologics**

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**Surgical Products**

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**Neuro & ENT**

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**Interventional Pain**

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**Navigation**

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**Endoscopy**

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**Communications**

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**Imaging**

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**Patient Handling Equipment**

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**EMS Equipment**

**Stryker Leibinger GmbH & Co. KG**

Bötzingen Straße 37-41  
D-79111 Freiburg  
Germany  
Tel.: ++49 (0) 7 61 45 12-0  
Fax: ++49 (0) 7 61 45 12-120

**Stryker Leibinger Inc.**

4100 East Milham Avenue  
Kalamazoo, MI 49001  
USA  
Tel.: ++1-269-323-7700  
Fax: ++1-269-648-7114

<http://www.leibinger.com>

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