Product Guide

Irrigation & Aspiration

Duckworth & Kent
reusable titanium surgical instrument manufacturer

An Ergonomically Evolving Range
Bi-Manual Handpieces

Aspiration Handpieces

Instruments coloured blue to signify aspiration.

Aspiration arrow shows direction of flow.

Tube sizes range from 21 gauge (0.8mm diameter) to 23 gauge (0.65mm diameter). Precision made tip and tubes produced from a single piece of titanium with no fabrication. Guaranteed quality. Consistent high flow rates, achieved by our precise method of manufacturing.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Gauge</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-657</td>
<td>23g</td>
<td>23 gauge, 0.65mm tube diameter, textured tip, 0.3mm aspiration port, curved shaft, tube length 11mm, round handle, length 103mm</td>
</tr>
<tr>
<td>8-657S</td>
<td>23g</td>
<td>23 gauge, 0.65mm tube diameter, textured tip, 0.3mm aspiration port, curved shaft, tube length 11mm, round handle, length 77mm</td>
</tr>
<tr>
<td>8-655</td>
<td>21g</td>
<td>21 gauge, 0.8mm tube diameter, flattened textured tip for first 5mm, 0.35mm aspiration port, curved shaft, tube length 15mm, round handle, length 107mm</td>
</tr>
<tr>
<td>8-655-1</td>
<td>21g</td>
<td>21 gauge, 0.8mm tube diameter, flattened textured tip for first 5mm, 0.35mm aspiration port, curved shaft, tube length 15mm, round handle, length 106mm</td>
</tr>
<tr>
<td>8-655-2</td>
<td>21g</td>
<td>21 gauge, 0.8mm tube diameter with textured tip, bullet shaped tip, 0.35mm aspiration port, curved shaft, tube length 22mm, round handle, length 115mm</td>
</tr>
</tbody>
</table>

Aspiration Short Handle

Part of the Core Values Collection

Aspiration arrow shows direction of flow.

8-657S 23g  |  Short Handle Aspiration Handpiece |
| 8-655-1 21g |  Avolio Aspiration Handpiece      |
| 8-655-2 21g |  Aspiration Handpiece            |
| 8-655    21g |  DK Aspiration Handpiece         |
| 8-657    23g |  DK Aspiration Handpiece         |
**Bi-Manual Handpieces**

Instruments coloured **gold** to signify irrigation

**Irrigation Handpieces**

**Irrigation arrow shows direction of flow**

Tube sizes range from 21 gauge (0.8mm diameter) to 23 gauge (0.65mm diameter). Precision made tip and tubes produced from a single piece of titanium with no fabrication. Guaranteed quality. Consistent high flow rates, achieved by our precise method of manufacturing.

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<tr>
<td>8-652</td>
<td>23g</td>
<td>DK Irrigation Handpiece</td>
</tr>
<tr>
<td></td>
<td>0.65mm tube diameter 23 gauge, 2 open end irrigation ports, curved shaft, 15mm, round handle, 107mm</td>
<td></td>
</tr>
<tr>
<td>8-650</td>
<td>21g</td>
<td>DK Irrigation Handpiece</td>
</tr>
<tr>
<td></td>
<td>0.8mm tube diameter 21 gauge, 2 open end irrigation ports, curved shaft, 15mm, round handle, 107mm</td>
<td></td>
</tr>
<tr>
<td>8-650-2</td>
<td>21g</td>
<td>Irrigation Handpiece</td>
</tr>
<tr>
<td></td>
<td>0.8mm tube diameter 21 gauge, bullet shaped tip, 2 open end irrigation ports, curved shaft, 22mm, round handle, 115mm</td>
<td></td>
</tr>
</tbody>
</table>

**Avolio Irrigation Handpiece**

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<tr>
<td>8-650-1</td>
<td>21g</td>
<td>0.8mm tube diameter 21 gauge, flattened tip for first 5mm, 2 open end irrigation ports, curved shaft, 15mm, round handle, 106mm</td>
</tr>
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</table>

**Irrigation Short Handle**

**Part of the Core Values Collection**

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<tr>
<td>8-652S</td>
<td>23g</td>
<td>Short Handle Irrigation Handpiece</td>
</tr>
<tr>
<td></td>
<td>0.65mm tube diameter 23 gauge, 2 open end irrigation ports, curved shaft, 15mm, round handle, 80mm</td>
<td></td>
</tr>
<tr>
<td>8-652-1S</td>
<td>23g</td>
<td>Short Handle Irrigation Handpiece</td>
</tr>
<tr>
<td></td>
<td>0.65mm tube diameter 23 gauge, 2 open end irrigation ports, curved shaft, 15mm, round handle, 76mm</td>
<td></td>
</tr>
</tbody>
</table>
Irrigation & Aspiration Handpieces

**DK I/A Handpiece (curved tip)**
- 16 gauge, 1.63mm tube diameter
- 2 x 0.8mm irrigation ports, 0.3mm aspiration port
- Curved shaft, tip to handle length 15mm
- Round handle, length 129mm

**DK I/A Handpiece (J-shaped tip)**
- 16 gauge, 1.63mm tube diameter
- 2 x 0.8mm irrigation ports, 0.3mm aspiration port
- J-shaped tip
- Straight shaft, tip to handle length 16mm
- Round handle, length 130mm

**DK I/A Handpiece (90° angled tip)**
- 16 gauge, 1.63mm tube diameter
- 2 x 0.8mm irrigation ports, 0.25mm aspiration port
- 90° angled tip
- Straight shaft, tip to handle length 16mm
- Round handle, length 130mm

**Barrett I/A Handpiece**
- 16 gauge, 1.63mm tube diameter
- 2 x 0.8mm irrigation ports, 0.3mm aspiration port
- Curved shaft, tip to handle length 15mm
- Round handle, length 129mm

**DK I/A Handpiece (straight tip)**
- 16 gauge, 1.63mm tube diameter
- 2 x 0.8mm irrigation ports, 0.3mm aspiration port
- Straight shaft, tip to handle length 16mm
- Round handle, length 129mm

**DK I/A Handpiece (45° angled tip)**
- 16 gauge, 1.63mm tube diameter
- 2 x 0.8mm irrigation ports, 0.3mm aspiration port
- 45° angled tip
- Straight shaft, tip to handle length 16mm
- Round handle, length 130mm

**Ogawa I/A Cannulas**
**Ogawa I/A Cannula**
- 18 gauge, thin wall
- 0.8mm irrigation port, 0.3mm aspiration port
- 30° angled shaft, tip to angle length 7mm
- Coaxial irrigation and aspiration
- Irrigation through main hub
- Aspiration through side port
- Silicone tubing and luer fitting supplied
### I/A Handle & Cannulas

#### 8-720 DK Cannula Handle
- Specifically made for use with DK cannulas
- Round 8mm diameter handle
- Length 99mm

#### 8-601 22g Inamura Hyper-Hydrodissection Cannula
- 22 gauge tube (0.7mm diameter)
- 0.9mm x 0.3mm flattened tip
- Twin jets
- 45° angled tip
- Overall length 36mm

#### 8-601-1 22g Inamura Hydrodissection Cannula
- 22 gauge tube (0.7mm diameter)
- Twin jets, inclusive angle 60°
- 45° angled tip
- Overall length 36mm

#### 8-601-2 22g Inamura Multipurpose Cannula
- 22 gauge tube (0.7mm diameter)
- Twin jets, inclusive angle 30°
- 45° angled tip
- Overall length 36mm

#### 8-602 23g Mackool® Hydrodissection Cannula
- 23 gauge tube (0.65mm diameter)
- 0.85mm x 0.3mm flattened tip
- 30° angled shaft, tip to angle length 8mm
- Overall length 35mm

#### 8-605 23g DK Air Injection Cannula
- 23 gauge tube (0.65mm diameter)
- 45° angled shaft, tip to angle length 5mm
- Overall length 35mm

#### 8-604 23g DK LASIK Cannula
- 23 gauge tube (0.65mm diameter)
- 0.2mm diameter hole at tip
- Four 0.4mm diameter holes along side of shaft
- 25° angled shaft, tip to angle length 8mm
- Overall length 30mm

#### 8-603 23g Capsule Polishing Cannula
- 23 gauge tube (0.65mm diameter)
- 1.75mm x 1mm olive shaped textured tip
- 30° curved shaft
- Overall length 34mm

#### 8-635-3 18g Ogawa I/A Cannula
- 18 gauge, thin wall
- 0.8mm irrigation port, 0.3mm aspiration port
- 30° angled shaft, tip to angle length 7mm
- Coaxial irrigation and aspiration
- Irrigation through main hub
- Aspiration through side port
- Silicone tubing and luer fitting supplied
- Knurled hub enhances grasp
- Textured tip
Coaxial Handpieces & Tips

- 8-711N - Single Thread
- 8-711NL - Single Thread with Luer Lock
- 8-711-1N - Multi Thread
- 8-711-1NL - Multi Thread with Luer Lock

- Round handle, length 115mm
- Used with DK I/A tips
- I/A tips purchased separately
- Single/Multi thread/Luer Lock options

Separates for cleaning internal parts

Silicone sleeve is pushed onto thread (Silicone sleeve not included)

0.25mm Aspiration Tips (0.7mm Tube Diameter) - 22 Gauge

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<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>8-730</td>
<td>22g</td>
<td>DK I/A Tip (90° angled tip)</td>
</tr>
<tr>
<td>8-730-1</td>
<td>22g</td>
<td>DK I/A Tip (45° angled tip)</td>
</tr>
<tr>
<td>8-730-2</td>
<td>22g</td>
<td>DK I/A Tip (J-shaped tip)</td>
</tr>
</tbody>
</table>

0.3mm Aspiration Tips (0.7mm & 0.9mm Tube Diameter) - 20 & 22 Gauge

<table>
<thead>
<tr>
<th>Code</th>
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</tr>
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<tbody>
<tr>
<td>8-731</td>
<td>22g</td>
<td>DK I/A Tip (90° angled tip)</td>
</tr>
<tr>
<td>8-731-1</td>
<td>22g</td>
<td>DK I/A Tip (45° angled tip)</td>
</tr>
<tr>
<td>8-731-2</td>
<td>22g</td>
<td>DK I/A Tip (J-shaped tip)</td>
</tr>
<tr>
<td>8-731-3</td>
<td>22g</td>
<td>DK I/A Tip (straight tip)</td>
</tr>
<tr>
<td>Code</td>
<td>Gauge</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
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</tr>
<tr>
<td>8-731-4</td>
<td>22g</td>
<td>DK I/A Tip (curved half textured tip)</td>
</tr>
<tr>
<td>8-731-6</td>
<td>22g</td>
<td>DK I/A Tip (straight full-textured tip)</td>
</tr>
<tr>
<td>8-732</td>
<td>20g</td>
<td>DK I/A Tip (90° angled tip)</td>
</tr>
<tr>
<td>8-732-4</td>
<td>20g</td>
<td>DK I/A Tip (curved half textured tip)</td>
</tr>
<tr>
<td>8-732-3</td>
<td>20g</td>
<td>DK I/A Tip (straight tip)</td>
</tr>
<tr>
<td>8-732-5</td>
<td>20g</td>
<td>DK I/A Tip (straight half textured tip)</td>
</tr>
<tr>
<td>8-732-6</td>
<td>20g</td>
<td>DK I/A Tip (straight textured tip)</td>
</tr>
<tr>
<td>8-732-7</td>
<td>20g</td>
<td>DK I/A Tip (45° angled tip, textured)</td>
</tr>
<tr>
<td>8-732-8</td>
<td>20g</td>
<td>DK I/A Tip (straight textured tip)</td>
</tr>
</tbody>
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0.4mm Aspiration Tips (0.9mm Tube Diameter) - 20 Gauge

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<td>8-732-8</td>
<td>20g</td>
<td>DK I/A Tip (straight textured tip)</td>
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</table>
We are here to help

Interested in our product ranges or have a general enquiry, please contact our dedicated Customer Service Team.

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