

# I/A INSTRUMENTS

Coaxial and bimanual



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**medicel**  
SWISS TECHNOLOGY FOR SURGERY



# I/A SYSTEMS WITH ERGONOMIC GRIP DESIGN

Beside the Classic Design – known and valued by surgeons all over the world – Medical offers a complete new range of disposable I/A handles. The new design responds to surgeons' demands to improve ergonomics and grip of I/A handles without compromising product quality. Latest manufacturing technology allows us to offer an attractive priced product without compromising the quality.



Are you a FEMTO specialist? We offer I/A instruments for FEMTO LASER ASSISTED SURGERIES with distal open cannula to remove fragments without phaco power. Medical's FLACS I/A cannula is available in 20G and 21G with a 30° bevel tip. The bevel tip has rounded edges to enhance safety during surgery. This is your opportunity to only use single-use instruments!

As all I/A systems are equipped with perfectly matching infusion sleeves, dimensional conditions are identical to the previous phaco procedure and thus ensure a smooth and totally leak-free cortical removal.

## Coaxial I/A handpiece



- Exceptional grip for safe handling
- Cost-effective alternative
- Compatible with all phaco machines
- Single-use instruments
- Available as OEM version upon request
- Available in 20G / 21G / 23G
- Available degrees 45° / 65°

## Bimanual I/A handpieces



- Exceptional grip for safe handling
- Cost-effective alternative
- Compatible with all phaco machines
- Single-use instruments
- Available as OEM version upon request
- Available in 21G and 23G



## CLASSICAL I/A INSTRUMENTS

### Single-use coaxial I/A handpiece



- Available in 19G / 20G / 21G / 23G / 25G
- Available degrees straight / 45° / 65° / curved
- Textured or polished tip

### Single-use bimanual I/A handpieces

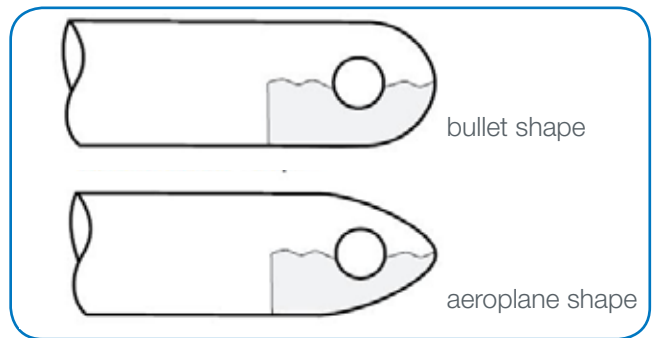


- Available in 21G
- With textured aspiration head

### Reusable bimanual I/A instrument



- High grade titanium
- With textured tip for capsule polishing
- Available in 21G and 23G



single-use coaxial I/A instruments

|                       | ITEM CODE      | SIZE         | INCISION SIZE | ASPIRATION CANNULA | ASPIRATION PORT | ASPIRATION HEAD |
|-----------------------|----------------|--------------|---------------|--------------------|-----------------|-----------------|
| Ergonomic grip design | SMS325P        | 20G / 0.9mm  | 2.5mm         | angled 45°         | 0.35mm          | polished        |
|                       | SMS335         | 20G / 0.9mm  | 2.5mm         | angled 65°         | 0.35mm          | textured        |
|                       | SMS355P        | 21G / 0.8mm  | 2.2mm         | angled 45°         | 0.35mm          | polished        |
|                       | SMS370P        | 23G / 0.65mm | 1.8mm         | angled 45°         | 0.30mm          | polished        |
| Classical             | SMS120         | 19G / 1.1mm  | 2.8mm         | angled 45°         | 0.35mm          | textured        |
|                       | SMS130         | 19G / 1.1mm  | 2.8mm         | angled 65°         | 0.35mm          | textured        |
|                       | SMS115         | 20G / 0.9mm  | 2.5mm         | straight           | 0.35mm          | textured        |
|                       | SMS125P        | 20G / 0.9mm  | 2.5mm         | angled 45°         | 0.35mm          | polished        |
|                       | SMS135         | 20G / 0.9mm  | 2.5mm         | angled 65°         | 0.35mm          | textured        |
|                       | SMS210 (FLACS) | 20G / 0.9mm  | 2.5mm         | 30° bevelled tip   | 0.60mm          | n/a             |
|                       | SMS230 (FLACS) | 21G / 0.8mm  | 2.2mm         | 30° bevelled tip   | 0.60mm          | n/a             |
|                       | SMS155P        | 21G / 0.8mm  | 2.2mm         | angled 45°         | 0.35mm          | polished        |
|                       | SMS160P        | 21G / 0.8mm  | 2.2mm         | curved             | 0.35mm          | polished        |
|                       | SMS170P        | 23G / 0.65mm | 1.8mm         | angled 45°         | 0.30mm          | polished        |
|                       | SMS175P        | 23G / 0.65mm | 1.8mm         | curved             | 0.30mm          | polished        |
|                       | SMS180P        | 25G / 0.6mm  | 1.5mm         | curved             | 0.30mm          | polished        |

single-use bimanual I/A instruments

|                       | ITEM CODE | SIZE         | INC. SIZE | ASP. CANNULA    | ASP. PORT | ASP. HEAD | IRR. CANNULA    | IRR. PORT       |
|-----------------------|-----------|--------------|-----------|-----------------|-----------|-----------|-----------------|-----------------|
| Ergonomic grip design | SBS310    | 21G / 0.8mm  | 1.1mm     | aeroplane shape | 0.35mm    | textured  | aeroplane shape | 2 ports, 0.45mm |
|                       | SBS320    | 23G / 0.65mm | 0.8mm     | aeroplane shape | 0.30mm    | textured  | aeroplane shape | 2 ports, 0.30mm |
| Classical             | SBS105    | 21G / 0.8mm  | 1.1mm     | aeroplane shape | 0.35mm    | textured  | bullet shape    | 2 ports, 0.5mm  |
|                       | SBS110A   | 21G / 0.8mm  | 1.1mm     | aeroplane shape | 0.35mm    | textured  | aeroplane shape | 2 ports, 0.45mm |

multiple-use bimanual I/A instruments (for 10 times use)

|           | ITEM CODE | SIZE        | INC. SIZE | ASP. CANNULA    | ASP. PORT | ASP. HEAD | IRR. CANNULA    | IRR. PORT       |
|-----------|-----------|-------------|-----------|-----------------|-----------|-----------|-----------------|-----------------|
| Classical | SBS105RU  | 21G / 0.8mm | 1.1mm     | aeroplane shape | 0.35mm    | textured  | bullet shape    | 2 ports, 0.5mm  |
|           | SBS110ARU | 21G / 0.8mm | 1.1mm     | aeroplane shape | 0.35mm    | textured  | aeroplane shape | 2 ports, 0.45mm |

reusable bimanual aspiration handpieces

|           | ITEM CODE | SIZE        | INCISION SIZE | ASPIRATION CANNULA | ASPIRATION PORT | ASPIRATION HEAD |
|-----------|-----------|-------------|---------------|--------------------|-----------------|-----------------|
| Classical | SBA100A   | 21G / 0.8mm | 1.1mm         | aeroplane shape    | 0.35mm          | polished        |
|           | SBA103A   | 21G / 0.8mm | 1.1mm         | aeroplane shape    | 0.40mm          | polished        |
|           | SBA104A   | 21G / 0.8mm | 1.1mm         | aeroplane shape    | 0.40mm          | textured        |
|           | SBA105A   | 21G / 0.8mm | 1.1mm         | aeroplane shape    | 0.35mm          | textured        |
|           | SBA101B   | 23G / 0.6mm | 0.8mm         | bullet shape       | 0.30mm          | polished        |
|           | SBA106B   | 23G / 0.6mm | 0.8mm         | bullet shape       | 0.30mm          | textured        |

reusable bimanual irrigation handpieces

|           | ITEM CODE | SIZE        | INCISION SIZE | IRRIGATION CANNULA | IRRIGATION PORT | IRRIGATION HEAD |
|-----------|-----------|-------------|---------------|--------------------|-----------------|-----------------|
| Classical | SBI120A   | 21G / 0.8mm | 1.1mm         | aeroplane shape    | 0.50mm          | polished        |
|           | SBI125A   | 21G / 0.8mm | 1.1mm         | aeroplane shape    | 0.50mm          | textured        |
|           | SBI121B   | 23G / 0.6mm | 0.8mm         | bullet shape       | 0.30mm          | polished        |
|           | SBI126B   | 23G / 0.6mm | 0.8mm         | bullet shape       | 0.30mm          | textured        |