

Product Catalogue

Micro-Surgical Instruments in Swiss Quality:

Bimanual I/A System reusable
Bimanual I/A System single-use



Monomanual I/A System reusable
Monomanual I/A System single-use

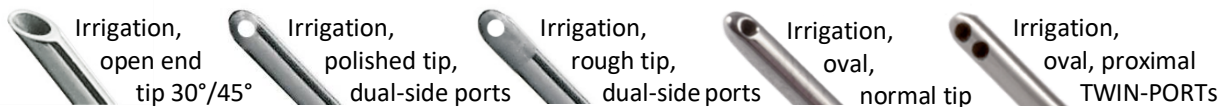


Bimanual I/A System reusable: Irrigation

- Lightweight, colour coded irrigation and aspiration handpieces
- Compatible with Phaco or I/A System via standard Luer connectors
- Smooth abrasive (rough) tip available for capsule polishing
- Swiss Design / Swiss Made



Irrigation tip variants



Irrigation handpieces

Art. No.	Description
BI 121/T	Irrigation Handpiece 20G (Ø0.90mm), polished tip, dual-side ports Ø0.65mm
BI 126/T	Irrigation Handpiece 20G (Ø0.90mm), polished tip, tip with open end 45° (high flow)
BI 120/T	Irrigation Handpiece 21G (Ø0.80mm), polished tip, dual-side ports Ø0.50mm
BI 125/T	Irrigation Handpiece 21G (Ø0.80mm), rough tip, dual-side ports Ø0.50mm
BI 140/T	Irrigation Handpiece 21G (Ø0.80mm), polished tip, tip with open end 45°
BI 128/T	Irrigation Handpiece 22G (Ø0.70mm), polished tip, dual-side ports Ø0.45mm
BI 129/T	Irrigation Handpiece 22G (Ø0.70mm), polished tip, tip with open end 45°
BI 123/T	Irrigation Handpiece 23G (Ø0.65mm), polished tip, dual-side ports Ø0.35mm
BI 124/T	Irrigation Handpiece 23G (Ø0.65mm), polished tip, tip with open end 45°

Irrigation handpieces with oval cannula (cross-section oval)

Art. No.	Description
BIO 120/T	Irrigation Handpiece oval cannula (0.95x0.55mm), matt finish, irrigation port Ø0.55mm
BIO 122/T	Irrigation Handpiece oval cannula (0.95x0.55mm), matt finish, dual-side ports 0.55x0.35mm
BIO 127/T	Irrigation Handpiece oval cannula (0.90x0.75mm), matt finish, tip with open end 30° (high flow)
BIO 128/T	Irrigation Handpiece oval cannula (based on 21G), matt finish, proximal TWIN-PORTs Ø0.55mm

Please note: Instruments with oval/elliptical cannulas have a higher tightness at the cannula edge. This leads to substantial less efflux. In consequence, especially the irrigation has the potential of a substantial increase of the inner eye pressure (in particular in case of irrigation with TWIN PORT design). To prevent any damage, e.g. any form of collapse of the eye, a reduced height of the irrigation liquid bottle is strongly recommended. Keep the pressure conditions in permanent observation and, if necessary, adjust (decrease).



Bimanual I/A System reusable: Aspiration

- Lightweight, colour coded irrigation and aspiration handpieces
- Compatible with Phaco or I/A System via standard Luer connectors
- Smooth abrasive (rough) tip available for capsule polishing
- Swiss Design / Swiss Made



Aspiration tip variants



Aspiration handpieces

Art. No.	Description
BA 108/T	Aspiration Handpiece 20G (Ø0.90mm), rough tip, asp. port Ø0.35mm
BA 100/T	Aspiration Handpiece 21G (Ø0.80mm), polished tip, asp. port Ø0.30mm
BA 102/T	Aspiration Handpiece 21G (Ø0.80mm), polished tip, asp. port Ø0.40mm
BA 104/T	Aspiration Handpiece 21G (Ø0.80mm), polished tip, asp. port Ø0.50mm
BA 105/T	Aspiration Handpiece 21G (Ø0.80mm), rough tip, asp. port Ø0.30mm
BA 118/T	Aspiration Handpiece 22G (Ø0.70mm), polished tip, asp. port Ø0.35mm
BA 119/T	Aspiration Handpiece 22G (Ø0.70mm), rough tip, asp. port Ø0.35 mm
BA 113/T	Aspiration Handpiece 23G (Ø0.65mm), polished tip, asp. port Ø0.30mm
BA 114/T	Aspiration Handpiece 23G (Ø0.65mm), rough tip, asp. port Ø0.30mm



Aspiration handpieces with oval cannula (cross-section oval)

Art. No.	Description
BAO 100/T	Aspiration Handpiece oval cannula (0.95x0.55mm), matt finish, asp. port Ø0.30mm
BAO 102/T	Aspiration Handpiece oval cannula (1.10x0.70mm), matt finish, rough tip, asp. port Ø0.35mm
BAO 105/T	Aspiration Handpiece oval cannula (0.95x0.55mm), matt finish, rough tip, asp. port Ø0.30mm

Aspiration handpieces with angled cannula

Art. No.	Description
BA 260/A	Aspiration Handpiece angled right (R) 25G (Ø0.50mm), asp. port 0.65x0.25mm
BA 261/A	Aspiration Handpiece angled left (L) 25G (Ø0.50mm), asp. port 0.65x0.25mm



Angled Aspiration Handpiece left (L)



Angled Aspiration Handpiece right (R)

Bimanual I/A System reusable: Angled Aspiration

- Lightweight titanium handpieces
- Compatible with Phaco or I/A System via standard Luer connectors
- Angled aspiration handpieces left and right available
- 25G
- Swiss Design / Swiss Made



Tip variants



Angled Aspiration Handpiece left (L)



Angled Aspiration Handpiece right (R)



Angled aspiration handpieces

Art. No.	Description
BA 260/A	Aspiration Handpiece right (R) 25G (Ø0.50mm), asp. port 0.65x0.25mm
BA 261/A	Aspiration Handpiece left (L) 25G (Ø0.50mm), asp. port 0.65x0.25mm

Monomanual I/A System reusable (Safe-Lock)

- Universal connector allows you to use your preferred cannulas with the same handpiece
- Tips manufactured with high-precision are designed to keep up with your changing intraoperative needs, from the capsulorhexis to cortical clean-up, to the most difficult 12 o'clock cortex removal
- Compatible with Phaco or I/A System via standard Luer connectors
- Swiss Design / Swiss Made

Universal handpiece



Art. No.	Description
SL 100	I/A Handpiece, monomanual (coaxial, Safe-Lock)

Exemplary pictures of I/A tip variants with metal sleeves



I/A Tip with metal sleeve, straight



I/A Tip with metal sleeve, angled



I/A Tip with metal sleeve, curved

I/A Tips with metal sleeve (no silicone sleeve needed)

Art. No.	Description
SL 110	I/A Tip, straight, 16G (Ø1.60mm), metal sleeve, asp. port Ø0.35mm, dual-side irrigation ports Ø0.98mm
SL 110/0.3	I/A Tip, straight, 16G (Ø1.60mm), metal sleeve, asp. port Ø0.30mm, dual-side irrig. ports Ø0.98mm
SL 120 30°	I/A Tip, angled 30°, 16G (Ø1.60mm), metal sleeve, asp. port Ø0.30mm, dual-side irrig. ports Ø0.98mm
SL 120 45°	I/A Tip, angled 45°, 16G (Ø1.60mm), metal sleeve, asp. port Ø0.35mm, dual-side irrig. ports Ø0.98mm
SL 130	I/A Tip, angled 90°, 16G (Ø1.60mm), metal sleeve, asp. port Ø0.35mm, dual-side irrig. ports Ø0.98mm
SL 140	I/A Tip, curved, 16G (Ø1.60mm), metal sleeve, asp. port Ø0.35mm, dual-side irrigation ports Ø0.98mm

Exemplary pictures of I/A tip variants with silicone sleeves



I/A Tip with silicone sleeve, straight



I/A Tip with silicone sleeve, angled 30°



I/A Tip with silicone sleeve, angled 45°



I/A Tip with silicone sleeve, curved

Monomanual I/A System reusable (Safe-Lock)

I/A Tips straight for silicone sleeve irrigation (silicone sleeve needed, dual-side irrigation, sold separately)

Art. No.	Description
SL 116	I/A Tip, straight, for silicone sleeve irrigation, 19G (Ø1.00mm), asp. port Ø0.35mm
SL 116 s4	I/A Tip, straight, for silicone sleeve irrigation, 19G (Ø1.00mm), asp. port Ø0.30mm
SL 117	I/A Tip, straight, for silicone sleeve irrigation, 20G (Ø0.90mm), asp. port Ø0.33mm
SL 116 s3	I/A Tip, straight, for silicone sleeve irrigation, 20G (Ø0.90mm), asp. port Ø0.30mm
SL 116 s2	I/A Tip, straight, for silicone sleeve irrigation, 21G (Ø0.80mm), asp. port Ø0.30mm
SL 116 s1	I/A Tip, straight, for silicone sleeve irrigation, 22G (Ø0.70mm), asp. port Ø0.30mm



I/A Tips angled 30° for silicone sleeve irrigation (silicone sleeve needed, dual-side irrigation, sold separately)

Art. No.	Description
SL 119 a14	I/A Tip, angled 30°, for silicone sleeve irrigation, 19G (Ø1.00mm), asp. port Ø0.30mm
SL 119 a13	I/A Tip, angled 30°, for silicone sleeve irrigation, 20G (Ø0.90mm), asp. port Ø0.30mm
SL 119 a12	I/A Tip, angled 30°, for silicone sleeve irrigation, 21G (Ø0.80mm), asp. port Ø0.30mm
SL 119 a11	I/A Tip, angled 30°, for silicone sleeve irrigation, 22G (Ø0.70mm), asp. port Ø0.30mm



I/A Tips angled 45° for silicone sleeve irrigation (silicone sleeve needed, dual-side irrigation, sold separately)

Art. No.	Description
SL 119	I/A Tip, angled 45°, for silicone sleeve irrigation, 19G (Ø1.00mm), asp. port Ø0.35mm
SL 119 a24	I/A Tip, angled 45°, for silicone sleeve irrigation, 19G (Ø1.00mm), asp. port Ø0.30mm
SL 119 a23	I/A Tip, angled 45°, for silicone sleeve irrigation, 20G (Ø0.90mm), asp. port Ø0.30mm
SL 119 a22	I/A Tip, angled 45°, for silicone sleeve irrigation, 21G (Ø0.80mm), asp. port Ø0.30mm
SL 119 a21	I/A Tip, angled 45°, for silicone sleeve irrigation, 22G (Ø0.70mm), asp. port Ø0.30mm



I/A Tips curved for silicone sleeve irrigation (silicone sleeve needed, dual-side irrigation, sold separately)

Art. No.	Description
SL 118 c4	I/A Tip, curved, for silicone sleeve irrigation, 19G (Ø1.00mm), asp. port Ø0.30mm
SL 118 c3	I/A Tip, curved, for silicone sleeve irrigation, 20G (Ø0.90mm), asp. port Ø0.30mm
SL 118 c2	I/A Tip, curved, for silicone sleeve irrigation, 21G (Ø0.80mm), asp. port Ø0.30mm
SL 118 c1	I/A Tip, curved, for silicone sleeve irrigation, 22G (Ø0.70mm), asp. port Ø0.30mm



Accessories: O-Rings, Silicone Sleeves

Art. No.	Description
SL 195	O-Ring Set (pack of 15)
CXSiS19G	Silicone Sleeve for 19G I/A Tip (pack of 1)
CXSiS19G_19	Silicone Sleeves for 19G I/A Tip (pack of 10)
CXSiS20G	Silicone Sleeve for 20G I/A Tip (pack of 1)
CXSiS20G_20	Silicone Sleeves for 20G I/A Tip (pack of 10)
CXSiS21G	Silicone Sleeve for 21G I/A Tip (pack of 1)
CXSiS21G_21	Silicone Sleeves for 21G I/A Tip (pack of 10)
CXSiS22G	Silicone Sleeve for 22G I/A Tip (pack of 1)
CXSiS22G_22	Silicone Sleeves for 22G I/A Tip (pack of 10)



Bimanual I/A System single-use (here: 20G / 21G / oval)

- Lightweight, colour coded irrigation and aspiration handpieces
- Compatible with Phaco or I/A System via standard Luer connectors
- Smooth abrasive (rough) tip available for capsule polishing
- Swiss Design / Swiss Made



Irrigation tip variants



Aspiration tip variants



Bimanual I/A System single-use 20G and 21G

Art. No.	Description
BSD 565	Bimanual I/A System single-use 20G (Ø0.90mm), irrigation handpiece: dual-side ports Ø0.65mm, aspiration handpiece: asp. port Ø0.35mm, polished tip
BSD 560	Bimanual I/A System single-use 20G (Ø0.90mm), irrigation handpiece: dual-side ports Ø0.65mm, aspiration handpiece: asp. port Ø0.35mm, rough tip
BSD 500	Bimanual I/A System single-use 21G (Ø0.80mm), irrigation handpiece: tip with open end 45°, aspiration handpiece: asp. port Ø0.35mm, rough tip
BSD 515	Bimanual I/A System single-use 21G (Ø0.80mm), irrigation handpiece: dual-side ports Ø0.45mm, aspiration handpiece: asp. port Ø0.35mm, polished tip
BSD 510	Bimanual I/A System single-use 21G (Ø0.80mm), irrigation handpiece: dual-side ports Ø0.45mm, aspiration handpiece: asp. port Ø0.35mm, rough tip
BSD 518	Bimanual I/A System single-use 21G (Ø0.80mm), irrigation handpiece: dual-side ports Ø0.50mm (high flow), aspiration handpiece: asp. port Ø0.35mm, rough tip

Bimanual I/A System single-use with oval cannulas (cross-section oval)

Art. No.	Description
BSD 600	Bimanual I/A System single-use 21G (Ø0.80mm), oval cannulas, based on 21G, irrigation handpiece: proximal TWIN-PORTs Ø0.55mm, aspiration handpiece: asp. port Ø0.30mm, rough tip

Please note: Instruments with oval/elliptical cannulas have a higher tightness at the cannula edge. This leads to substantial less efflux. In consequence, especially the irrigation has the potential of a substantial increase of the inner eye pressure (in particular in case of irrigation with TWIN PORT design). To prevent any damage, e.g. any form of collapse of the eye, a reduced height of the irrigation liquid bottle is strongly recommended. Keep the pressure conditions in permanent observation and, if necessary, adjust (decrease).

Bimanual I/A System single-use (here: 22G / 23G / 25G angled)

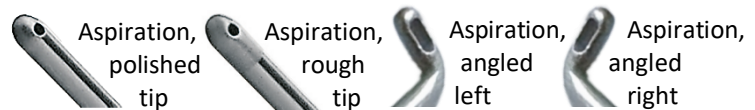
- Lightweight, colour coded irrigation and aspiration handpieces
- Compatible with Phaco or I/A System via standard Luer connectors
- Smooth abrasive (rough) tip available for capsule polishing
- Swiss Design / Swiss Made



Irrigation tip variants



Aspiration tip variants



Bimanual I/A System single-use 22G and 23G

Art. No.	Description
BSD 542	Bimanual I/A System single-use 22G (Ø0.70mm), irrigation handpiece: tip with open end 45°, aspiration handpiece: asp. port Ø0.35mm, rough tip
BSD 541	Bimanual I/A System single-use 22G (Ø0.70mm), irrigation handpiece: dual-side ports Ø0.45mm, aspiration handpiece: asp. port Ø0.35mm, polished tip
BSD 540	Bimanual I/A System single-use 22G (Ø0.70mm), irrigation handpiece: dual-side ports Ø0.45mm, aspiration handpiece: asp. port Ø0.35mm, rough tip
BSD 522	Bimanual I/A System single-use 23G (Ø0.65mm), irrigation handpiece: tip with open end 45°, aspiration handpiece: asp. port Ø0.30mm, rough tip

Aspiration handpieces with angled cannula 25G

Art. No.	Description
BSD 530	Bimanual I/A System single-use 25G (Ø0.50mm), 1 aspiration handpiece angled right: asp. port 0.60x0.25mm, 1 aspiration handpiece angled left: asp. port 0.60x0.25mm



Angled Aspiration Handpiece left (L)



Angled Aspiration Handpiece right (R)

Bimanual I/A System single-use: Angled Aspiration

- Lightweight handpieces
- Compatible with Phaco or I/A System via standard Luer connectors
- Angled aspiration handpieces left and right available
- 25G
- Swiss Design / Swiss Made



Tip variants



Angled Aspiration Handpiece left (L)



Angled Aspiration Handpiece right (R)



Angled aspiration handpieces

Art. No.	Description
BSD 530	Bimanual I/A System single-use 25G (Ø0.50mm), 1 aspiration handpiece angled right: asp. port 0.60x0.25mm, 1 aspiration handpiece angled left: asp. port 0.60x0.25mm

Monomanual I/A System single-use (coaxial)

- Lightweight monomanual irrigation / aspiration handpiece
- Compatible with Phaco or I/A System via standard Luer connectors
- Smooth abrasive (rough) tip available for capsule polishing
- Angled tip: 45° or 65° available
- Swiss Design / Swiss Made

Tip variants



Monomanual I/A System single-use, angled 45°

Art. No.	Description
CX2045-P	Monomanual I/A System single-use 20G (Ø0.90mm), polished tip, angled 45°, asp. port Ø0.35mm, incl. silicone sleeve 16G (Ø1.70mm) for irrigation with dual-side ports Ø1.10mm
CX2045-R	Monomanual I/A System single-use 20G (Ø0.90mm), rough tip, angled 45°, asp. port Ø0.35mm, incl. silicone sleeve 16G (Ø1.70mm) for irrigation with dual-side ports Ø1.10mm
CX2145-P	Monomanual I/A System single-use 21G (Ø0.80mm), polished tip, angled 45°, asp. port Ø0.35mm, incl. silicone sleeve 17G (Ø1.50mm) for irrigation with dual-side ports 1.65x0.77mm
CX2145-R	Monomanual I/A System single-use 21G (Ø0.80mm), rough tip, angled 45°, asp. port Ø0.35mm, incl. silicone sleeve 17G (Ø1.50mm) for irrigation with dual-side ports 1.65x0.77mm
CX2245-P	Monomanual I/A System single-use 22G (Ø0.70mm), polished tip, angled 45°, asp. port Ø0.35mm, incl. silicone sleeve 18G (Ø1.40mm) for irrigation with dual-side ports 1.50x0.67mm
CX2245-R	Monomanual I/A System single-use 22G (Ø0.70mm), rough tip, angled 45°, asp. port Ø0.35mm, incl. silicone sleeve 18G (Ø1.40mm) for irrigation with dual-side ports 1.50x0.67mm

Monomanual I/A System single-use, angled 65°

Art. No.	Description
CX2065-P	Monomanual I/A System single-use 20G (Ø0.90mm), polished tip, angled 65°, asp. port Ø0.35mm, incl. silicone sleeve 16G (Ø1.70mm) for irrigation with dual-side ports Ø1.10mm
CX2065-R	Monomanual I/A System single-use 20G (Ø0.90mm), rough tip, angled 65°, asp. port Ø0.35mm, incl. silicone sleeve 16G (Ø1.70mm) for irrigation with dual-side ports Ø1.10mm
CX2165-P	Monomanual I/A System single-use 21G (Ø0.80mm), polished tip, angled 65°, asp. port Ø0.35mm, incl. silicone sleeve 17G (Ø1.50mm) for irrigation with dual-side ports 1.65x0.77mm
CX2165-R	Monomanual I/A System single-use 21G (Ø0.80mm), rough tip, angled 65°, asp. port Ø0.35mm, incl. silicone sleeve 17G (Ø1.50mm) for irrigation with dual-side ports 1.65x0.77mm





Please note:

Reusable instruments

The expected lifetime of our reusable medical devices is validated by a defined number of processing cycles. Please refer to the information provided in the instructions for use.

Instruments with oval cannulas (cross-section of cannulas oval/elliptical)

Instruments with oval/elliptical cannulas have a higher tightness at the cannula edge. This leads to substantial less efflux. In consequence, especially the irrigation has the potential of a substantial increase of the inner eye pressure (in particular in case of irrigation with TWIN PORT design).

To prevent any damage, e.g. any form of collapse of the eye, a reduced height of the irrigation liquid bottle is strongly recommended. Keep the pressure conditions in permanent observation and, if necessary, adjust (decrease).

Legal disclaimer and information

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