



SURGI**FLOW**

BIMANUAL & COAXIAL I/A HANDPIECES

PRECISION THAT CONTROLS EVERY FLOW

Stable Fluidics

Optimized irrigation and aspiration are designed to maintain anterior chamber stability, providing surgeons with consistent control throughout cortical clean-up.

Precision Engineering

Carefully engineered cannulas, optimized fluid pathways, and ergonomic handle designs work together to deliver dependable surgical performance.

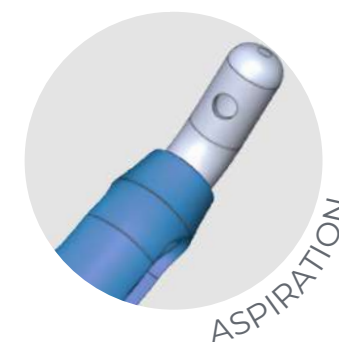
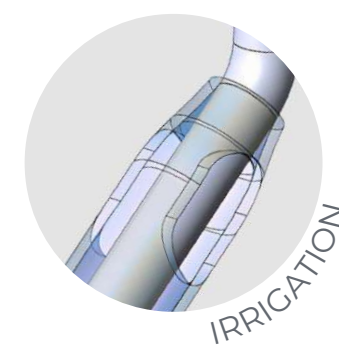
Reliable Performance

Manufactured with precision and validated through performance testing to deliver consistent quality, predictable fluidics, and confidence in every procedure.



DISCOVER THE SURGIFLOW FULL RANGE

SURGIFLOW BIMANUAL I/A HANDPIECES



SURGIFLOW COAXIAL I/A HANDPIECES

PRODUCT SPECIFICATIONS - BIMANUAL I/A HANDPIECES

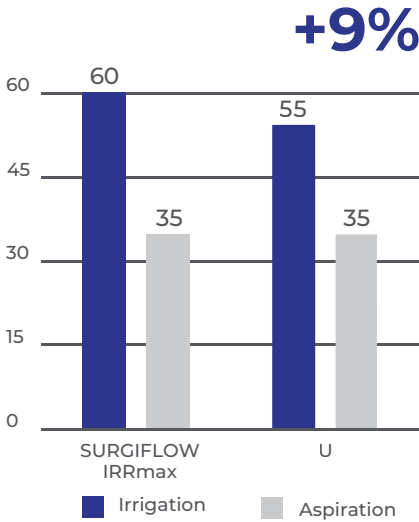


Product Code	Description	Gauge	Specification	Qty per Box
SFIRR21	IRRmax -21G Bimanual I/A			10 Sets (Sterile) Each set contains 1 pc. irrigation and 1 pc. aspiration
	IRRmax -21G Bimanual Irrigation Handle	21G	Irr. 2x0.50mm, Asp. 0.35mm Textures, 42 degree Angled, 0.80mm,	
	21G Bimanual Aspiration Handle	21G		
SFIRR22	IRRmax -22G Bimanual I/A			10 Sets (Sterile) Each set contains 1 pc. irrigation and 1 pc. aspiration
	IRRmax -22G Bimanual Irrigation Handle	22G	Irr. 2x0.50mm, Asp. 0.35mm Textures, 42 degree Angled, 0.70mm,	
	22G Bimanual Aspiration Handle	22G		
SFIRR23	IRRmax -23G Bimanual I/A			10 Sets (Sterile) Each set contains 1 pc. irrigation and 1 pc. aspiration
	IRRmax -23G Bimanual Irrigation Handle	23G	Irr. 2x0.50mm, Asp. 0.35mm Textures, 42 degree Angled, 0.65mm,	
	23G Bimanual Aspiration Handle	23G		

Irrigation 2x0.50mm,



Aspiration 1x0.35mm,



More Stability

Chamber stability results from the ratio of irrigation to aspiration.

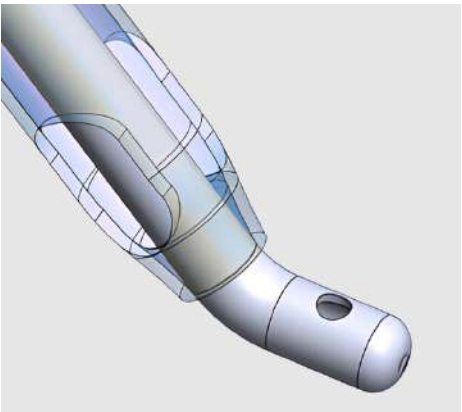
Precision manufacturing and high-quality components significantly improve the irrigation-aspiration ratio of SURGIFLOW IRRmax by **>9%** compared to other universal products.*

PRODUCT SPECIFICATIONS - COAXIAL I/A HANDPIECE

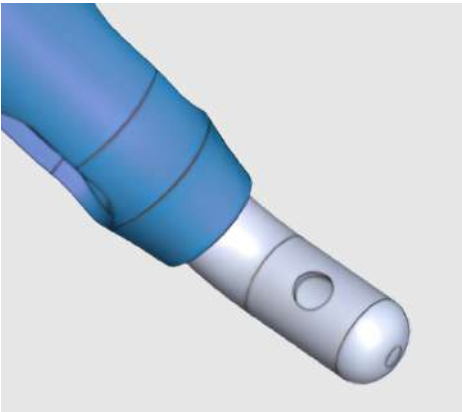


Product Code	Description	Gauge	Specifications	Qty per Box
SFCX2065	Coaxial I/A 20G - 65°	20G	Irr. 2x1.20mm, Asp. 0.35mm Textures, 65 degree Angled, 0.90mm,	10 Pc. (Sterile)
SFCX2000	Coaxial I/A 20G - Straight	20G	Irr. 2x1.20mm, Asp. 0.35mm Textures, Straight, 0.90mm,	10 Pc. (Sterile)
SFCX2045	Coaxial I/A 20G - 45°	20G	Irr. 2x1.20mm, Asp. 0.35mm Textures, 45 degree Angled, 0.90mm,	10 Pc. (Sterile)
SFCX2145	Coaxial I/A 21G - 45°	21G	Irr. 2x1.20mm, Asp. 0.35mm Textures, 45 degree Angled, 0.80mm,	10 Pc. (Sterile)
SFCX2165	Coaxial I/A 21G - 65°	21G	Irr. 2x1.20mm, Asp. 0.35mm Textures, 65 degree Angled, 0.80mm,	10 Pc. (Sterile)
SFCX2345	Coaxial I/A 23G - 45°	23G	Irr. 2x1.20mm, Asp. 0.35mm Textures, 45 degree Angled, 0.65mm,	10 Pc. (Sterile)

Irrigation sleeve



Aspiration cannula



More Stability

Stable chamber is the foundation of safe surgery. With optimized irrigation and aspiration flow, the SURGIFLOW Coaxial I/A Handpieces maintain balance at every step.

Transparent ergonomic design, thin-wall efficiency, and precise stainless steel tips ensure control, comfort, and reliability - setting a new benchmark for consistency in ophthalmic procedures.

BIMANUAL & COAXIAL DIFFERENT SURGICAL APPROACHES

Bimanual I/A

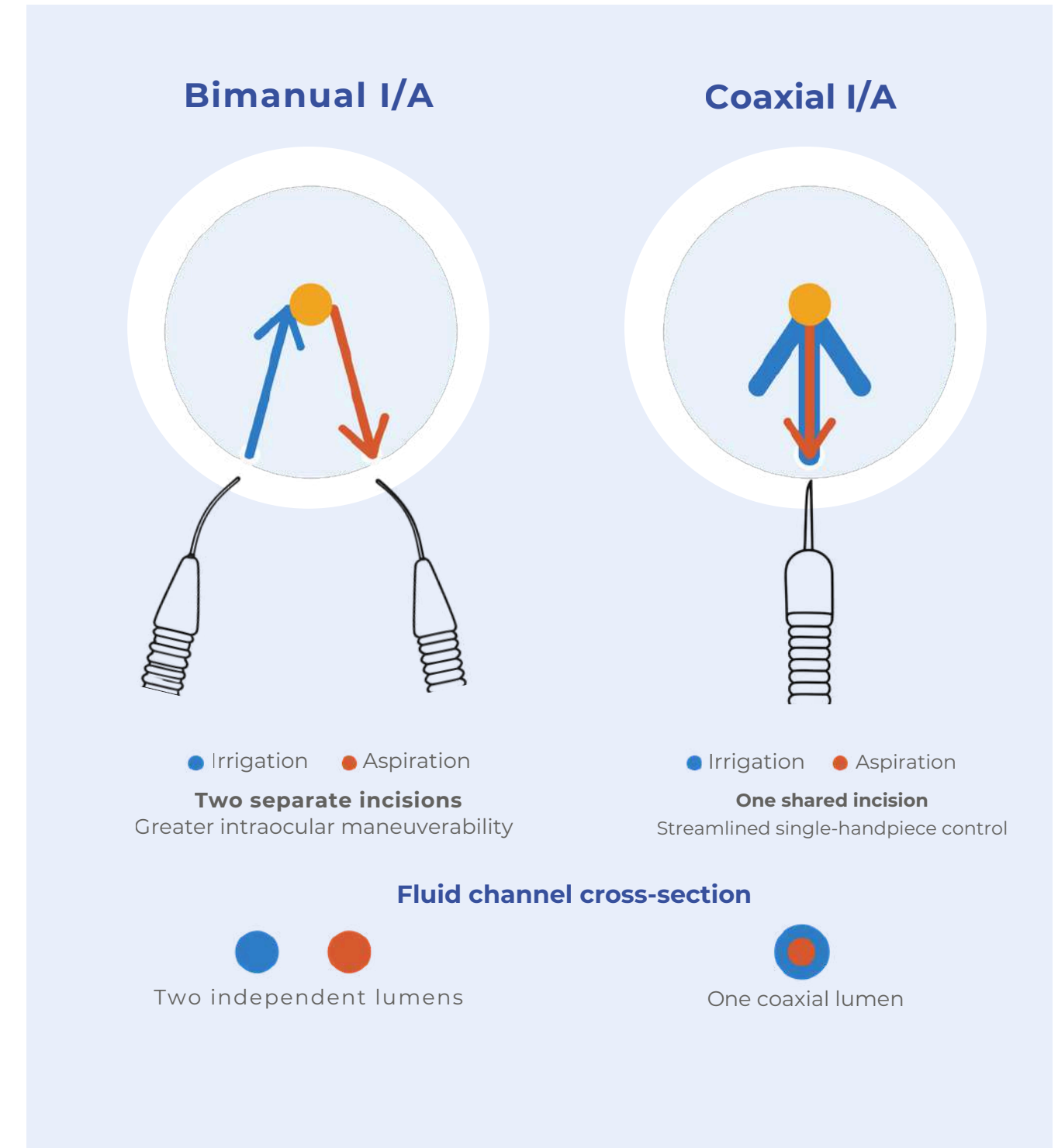
- Independent irrigation and aspiration instruments provide greater intraocular maneuverability.
- Ideal for accessing sub-incisional cortex with enhanced instrument flexibility.
- Supports controlled chamber stability through balanced fluidics.

Coaxial I/A

- Irrigation and aspiration integrated into a single handpiece.
- Simplifies instrument handling while maintaining efficient cortical removal.
- Preferred for surgeons seeking a familiar and streamlined workflow.

Why fluid balance matters?

- Stable irrigation helps maintain anterior chamber depth throughout surgery.
- Controlled aspiration enables efficient cortical removal while preserving visibility.
- Balanced fluid dynamics contribute to predictable surgical performance.
- Optimized flow characteristics support smooth tissue handling and procedural control.



CANNULA DESIGN FOR SURGICAL CONTROL

Thin Wall Cannula

- Maximizes internal flow without increasing external diameter.
- Supports efficient irrigation performance.

Precision Aspiration Port

- Designed for controlled cortical aspiration.
- Smooth aspiration response throughout the procedure.

Optimized Angulation

- Available in multiple angles to suit different surgical preferences.
- Improves accessibility while maintaining ergonomic handling.

Atraumatic Front Tip

- Conical tip geometry facilitates easy wound entry.
- Designed to minimize tissue trauma during insertion.

BIMANUAL OR COAXIAL WHICH SUITS YOUR TECHNIQUE?

Bimanual I/A	Coaxial I/A
Separate irrigation & aspiration	Integrated irrigation & aspiration
Greater instrument flexibility	Simplified single-handpiece operation
Excellent access to sub-incisional cortex	Familiar surgical workflow
Enhanced maneuverability	Efficient cortical clean-up
Independent fluid control	Balanced integrated fluidics

PRECISION THROUGH ENGINEERED FLUIDICS

Optimized fluidics

- Balanced irrigation and aspiration for chamber stability.
- Controlled fluid exchange throughout the procedure.
- Consistent performance across every surgical case.

Purposeful design

- Ergonomic transparent handle for improved control.
- Precision cannula geometry for efficient cortical removal.
- Multiple configurations to match surgeon preference.

Scalable manufacturing and supply chain

- Scaling poses major challenges for supply chains.
- SURGICON has an established supply chain with capacity to scale in significant numbers.
- Raw-material suppliers and partners are selected on same principle.

ADAPTING TO YOUR NEEDS

EU-warehouse

- Dynamic business requires speed
- SURGICON's EU-based logistics ensure fast, frictionless product access while reducing costs

Modification to your need

- Non-sterile CE-marked to meet kit-packer demands
- OEM or private label possible
- Colour and geometrical handle variations possible



GLOBAL MARKET ACCESS

Regulatory approvals and active country registrations completed across 50+ key international markets.



CODES	COUNTRIES	CODES	COUNTRIES	CODES	COUNTRIES
CH	SWITZERLAND	CL	CHILE	FR	FRANCE
AE	UAE	CN	CHINA	GB	UNITED KINGDOM
AM	ARMENIA	COL	COLOMBIA	GE	GEORGIA
ARG	ARGENTINA	CZ	CZECH REPUBLIC	HU	HUNGARIA
AT	AUSTRIA	DE	GERMANY	ID	INDONESIA
AU	AUSTRALIA	DO	DOMINICAN REPUBLIC	IL	ISRAEL
BE	BELGIUM	DZ	ALGERIA	IN	INDIA
BG	BULGARIA	EC	ECUADOR	IR	IRAN
BH	KINGDOM OF BAHRAIN	EL	GREECE	IT	ITALY
BR	BRAZIL	ES	SPAIN	KR	KOREA, SOUTH
LB	LEBANON	PT	PORTUGAL	VN	VIETNAM
LV	LATVIA	RO	ROMANIA	ZA	SOUTH AFRICA
MA	MAROC	SA	SAUDI ARABIA		
MU	MAURITIUS	SE	SCHWEDEN		
NL	NETHERLANDS	SG	SINGAPUR		
NO	NORWAY	TH	THAILAND		
NZ	NEW ZEALAND	TN	TUNISIA		
OM	OMAN	TR	TURKEY		
PK	PAKISTHAN	UA	UKRAINE		
PL	POLAND	US	UNITED STATES		

READY FOR GLOBAL BUSINESS

Certification & Qualification

**ISO 13485
certified**



**U.S. FDA
registered**



**CE-certified
(MDR)**



**Digital quality
system**





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