



PRODUCT CATALOGUE

effective January 1, 2024



OUR MISSION

Making eye surgery safer, simpler, and more efficient

Dear Customer and Partner

At Medichel, our mission is to make eye surgery safer, simpler, and more efficient.

Medichel develops and manufactures a broad range of intra-operative, single-use instruments and advanced injection systems with the mission of making eye surgery safer, simpler, and more efficient for surgeons and patients. Our products and solutions are manufactured in Switzerland, and they are compatible with common techniques used in micro-incision surgery.

Medichel's market-leading portfolio allows surgeons to perform minimally invasive procedure during surgery and safely deliver the implants annually to over ten million people worldwide.

We are known for our innovative and customer-specific solutions from the design to the final packaged product. Technical expertise, precise manufacturing technologies, the highest quality standards, and reliable deliveries set us apart.

The Medichel team looks forward to collaborating with you to help improve patients' and consumers' eyesight and quality of life.

Best Regards,

Mauro Bühler
CEO, Medichel AG

OUR PORTFOLIO

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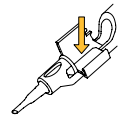
ACCUJECT™ DUAL



The new level

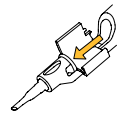
The injector that enables both the push and screw techniques and allows full freedom of operation in the time-pressured surgery routine for all surgeons and staff in a clinic alike. Improve cost efficiency by simplifying your supply chain without compromising application, incision size or lens material. Accuject DUAL - cost efficient freedom of choice with no compromise.

Accuject DUAL (top-loaded / single-use / sterile)



Item Code	Device Name	Incision size (mm)*			IOL type
		wound-assisted	into-the-wound	into-the-bag	
ADT3000	3.0-TL Injector	2.4	2.7 - 2.8	3.1	1-piece lenses
ADT2400	2.4-TL Injector	2.1	2.4	2.7	
ADT2200	2.2-TL Injector	1.9-2.0	2.2	2.5	
ADT2100	2.1-TL Injector	1.9	2.1-2.2	2.4	
ADT2000	2.0-TL Injector	1.8-1.9	2.1	2.3-2.4	
ADT1800	1.8-TL Injector	1.8	2.0	2.2-2.3	
ADT1600	1.6-TL Injector	1.6	1.8	2.0	hydrophilic only

Accuject DUAL (back-loaded / single-use / sterile)



Item Code	Device Name	Incision size (mm)*			IOL type
		wound-assisted	into-the-wound	into-the-bag	
ADB3000	3.0-BL Injector	2.4	2.7 - 2.8	3.1	1-piece lenses
ADB2400	2.4-BL Injector	2.1	2.4	2.7	
ADB2200	2.2-BL Injector	1.9 - 2.0	2.2	2.5	
ADB2100	2.1-BL Injector	1.9	2.1 - 2.2	2.4	
ADB2000	2.0-BL Injector	1.8 - 1.9	2.1	2.3 - 2.4	
ADB1800	1.8-BL Injector	1.8	2.0	2.2-2.3	

* Incision sizes are indications only based on average experiences. The individually required incision sizes may vary depending on surgical techniques

ACCUJECT™ REFRA



Your choice for phakic IOLs

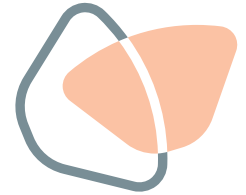
Make implantation of phakic lenses simple and cost efficient. Enjoy open eye access and a large loading chamber. Benefit from an injector that allows to push or screw without compromise. When it needs to be simple and cost effective - Accuject refra.

Accuject REFRA (for phakic IOLs / single-use / sterile)

Item Code	Device Name	Incision size (mm)*			IOL type
		wound-assisted	into-the-wound	into-the-bag	
AR3000	3.0 Injector	2.4	2.7 - 2.8	3.1	1-piece lenses
AR2600	2.6 Injector	2.2	2.5	2.8	
AR2400	2.4 Injector	2.1	2.4	2.7	
AR2200	2.2 Injector	1.9-2.0	2.2	2.5	

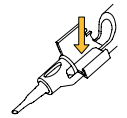
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ERGOJECT™



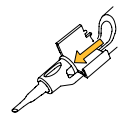
The one-handed screw-injector

Ergoject - the first screw injector for one-handed application. The pen-held design combines the best of both worlds on one-handed (push) and screw. The precise, force-reducing wheel-unit enables controlled delivery and reliable, safe lens injection.



Ergoject (top-loaded / single-use / sterile)

Item Code	Device Name	Incision size (mm)*			IOL type
		wound-assisted	into-the-wound	into-the-bag	
ERT3000	3.0-TL Injector	2.4	2.7-2.8	3.1	1-piece lenses
ERT2400	2.4-TL Injector	2.1	2.4	2.7	
ERT2200	2.2-TL Injector	1.9-2.0	2.2	2.5	
ERT2100	2.1-TL Injector	1.9	2.1-2.2	2.4	
ERT2000	2.0-TL Injector	1.8-1.9	2.1	2.3-2.4	
ERT1800	1.8-TL Injector	1.8	2.0	2.2-2.3	
ERT1600	1.6-TL Injector	1.6	1.8	2.0	hydrophilic only



Ergoject (back-loaded / single-use / sterile)

Item Code	Device Name	Incision size (mm)*			IOL type
		wound-assisted	into-the-wound	into-the-bag	
ERB3000	3.0-BL Injector	2.4	2.7 - 2.8	3.1	1-piece lenses
ERB2400	2.4-BL Injector	2.1	2.4	2.7	
ERB2200	2.2-BL Injector	1.9 - 2.0	2.2	2.5	
ERB2100	2.1-BL Injector	1.9	2.1 - 2.2	2.4	
ERB2000	2.0-BL Injector	1.8 - 1.9	2.1	2.3 - 2.4	
ERB1800	1.8-BL Injector	1.8	2.0	2.2-2.3	

* Incision sizes are indications only based on average experiences. The individually required incision sizes may vary depending on surgical techniques

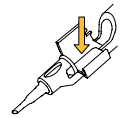
ACCUJECT™



The all-rounder

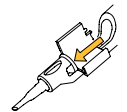
Accuject injectors provides Medichel's largest range of applications when injecting IOLs. Its versatile design allows the use of any IOL material and design without limitations on the implant procedure and incision size.

Accuject (top-loaded / single-use / sterile)



Item Code	Device Name	Incision size (mm)*			IOL type
		wound-assisted	into-the-wound	into-the-bag	
LP604580	3.0-3P Injector Set	2.4	2.8	3.2	3-piece lenses
LP604520	2.5-3P Injector Set	2.2	2.5	2.8-2.9	
LP604570	3.0-1P Injector Set	2.4	2.7-2.8	3.1	1-piece lenses
LP604600	2.4-1P Injector Set	2.1	2.4	2.7	
LP604530	2.2-1P Injector Set	1.9-2.0	2.2	2.5	
LP604590	2.1-1P Injector Set	1.9	2.1-2.2	2.4	
LP604510	2.0-1P Injector Set	1.8-1.9	2.1	2.3-2.4	
LP604540	1.8-1P Injector Set	1.8	2.0	2.2-2.3	
LP604550	1.6-1P Injector Set	1.6	1.8	2.0	hydrophilic only

Accuject (back-loaded / single-use / sterile)



Item Code	Device Name	Incision size (mm)*			IOL type
		wound-assisted	into-the-wound	into-the-bag	
LP604575	3.0-BL Injector Set	2.4	2.7 - 2.8	3.1	1-piece lenses
LP604605	2.4-BL Injector Set	2.1	2.4	2.7	
LP604535	2.2-BL Injector Set	1.9 - 2.0	2.2	2.5	
LP604595	2.1-BL Injector Set	1.9	2.1 - 2.2	2.4	
LP604515	2.0-BL Injector Set	1.8 - 1.9	2.1	2.3 - 2.4	
LP604545	1.8-BL Injector Set	1.8	2.0	2.2-2.3	

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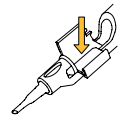
ACCUJECT™ SCREW



Accuject for screw-applications

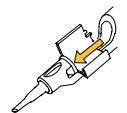
Accuject SCREW injectors provide a large range of applications when injecting IOLs. Its versatile design allows for the use of any IOL material and design without limitations on the implant procedure, incision size or the reliable screw application.

Accuject SCREW (top-loaded / single-use / sterile)



Item Code	Device Name	Incision size (mm)*			IOL type
		wound-assisted	into-the-wound	into-the-bag	
AST3000	3.0-TL Injector	2.4	2.7 - 2.8	3.1	1-piece lenses
AST2400	2.4-TL Injector	2.1	2.4	2.7	
AST2200	2.2-TL Injector	1.9 - 2.0	2.2	2.5	
AST2100	2.1-TL Injector	1.9	2.1 - 2.2	2.4	
AST2000	2.0-TL Injector	1.8 - 1.9	2.1	2.3 - 2.4	
AST1800	1.8-TL Injector	1.8	2.0	2.2 - 2.3	
AST1600	1.6-TL Injector	1.6	1.8	2.0	hydrophilic only

Accuject SCREW (back-loaded / single-use / sterile)



Item Code	Device Name	Incision size (mm)*			IOL type
		wound-assisted	into-the-wound	into-the-bag	
ASB3000	3.0-BL Injector	2.4	2.7 - 2.8	3.1	1-piece lenses
ASB2400	2.4-BL Injector	2.1	2.4	2.7	
ASB2200	2.2-BL Injector	1.9 - 2.0	2.2	2.5	
ASB2100	2.1-BL Injector	1.9	2.1 - 2.2	2.4	
ASB2000	2.0-BL Injector	1.8 - 1.9	2.1	2.3 - 2.4	

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VISCOJECT™ - BIO



A true classic

Provides good injection feel and lens gliding properties.

Viscoject-BIO injector sets (single-use / sterile)

Item Code	Device Name	Incision size (mm)*			IOL type
		wound-assisted	into-the-wound	into-the-bag	
LP604335C	2.7 Injector Set	2.2-2.3	2.5-2.6	2.9	1-piece lenses
LP604340C	2.2 Injector Set	1.9-2.0	2.2	2.5	
LP604350C	1.8 Injector Set	1.8	2.0	2.2	hydrophilic only
LP604370C	1.6 Injector Set	1.6	1.8	2.0	
LP604360C	1.5 Injector Set	1.4	1.6	1.8	for micro-incision lenses only

Viscoject-BIO cartridge sets (single-use / sterile)

Item Code	Device Name	Incision size (mm)*			IOL type
		wound-assisted	into-the-wound	into-the-bag	
LP604235C	2.7 Cartridge Set	2.2-2.3	2.5-2.6	2.9	1-piece lenses
LP604240C	2.2 Cartridge Set	1.9-2.0	2.2	2.5	
LP604250C	1.8 Cartridge Set	1.8	2.0	2.2	hydrophilic only
LP604270C	1.6 Cartridge Set	1.6	1.8	2.0	
LP604260C	1.5 Cartridge Set	1.4	1.6	1.8	

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VISCOJECT™ EASY



Easy level loading



Viscoject EASY injector sets (single-use / sterile)

Item Code	Device Name	Incision size (mm)*			IOL type
		wound-assisted	into-the-wound	into-the-bag	
VY2900	2.9 Injector Set	2.4	2.7	3.0-3.1	1-piece lenses
VY2700	2.7 Injector Set	2.2-2.3	2.5-2.6	2.9	
VY2400	2.4 Injector Set	2.1	2.4	2.7	
VY2200	2.2 Injector Set	1.9-2.0	2.2	2.5	

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VISCOJECT™ ECO



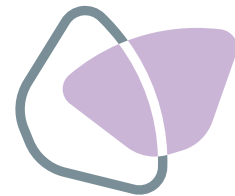
The economic injector

Viscoject eco (single-use / sterile)

Item Code	Device Name	Incision size (mm)*			IOL type
		wound-assisted	into-the-wound	into-the-bag	
VE2700	2.7 Injector Set	2.3	2.6-2.7	2.9-3.0	1-piece lenses
VE2200	2.2 Injector Set	2.1-2.2	2.4	2.7-2.8	

* Incision sizes are indications only based on average experiences. The individually required incision sizes may vary depending on surgical techniques

SWISS COAXIAL I/A SOFT TIP



Gentle contact with ease of use

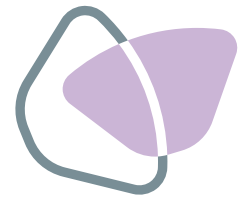
The SWISS COAXIAL I/A SOFT TIP allows gentle contact with the sensitive capsular bag tissue & IOL as it is made of soft silicone and visibly bends upon contact. Its textured handpiece grip surface offers comfortable handling and user control. The SWISS COAXIAL SOFT TIP I/A is compatible with common luer connectors. For ease of use, the handpiece is preassembled with sleeve, and it requires no sterilization.

SWISS COAXIAL I/A system SOFT TIP, with silicone tip (single-use / sterile) consisting of: Coaxial I/A instrument (box of 10)

Item Code	Size	Incision Size*	Aspiration Cannula	Aspiration Port	Aspiration Head
SMS390S	21G / 0.8mm	2.2mm	angled 45°	0.4mm	silicone tip

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SWISS COAXIAL I/A



Strong coaxial solution with comfortable control

The SWISS COAXIAL I/A systems provide the user with a wide range of proven micro-incision instruments. The textured handpiece grip surface offers comfortable handling and user control. They are compatible with common luer connectors. Available in the preferred designs and sizes from 23G to 19G. No sterilization required for single use preassembled handpiece.

SWISS COAXIAL I/A systems (single-use / sterile) consisting of: Coaxial I/A instrument (box of 10)

Item Code	Size	Incision Size*	Aspiration Cannula	Aspiration Port	Aspiration Head
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°	0.3mm	polished
SMS410 (Femto)	20G / 0.9mm	2.5mm	30° bevelled tip	0.6mm	n/a
SMS430 (Femto)	21G / 0.8mm	2.2mm	30° bevelled tip	0.6mm	n/a

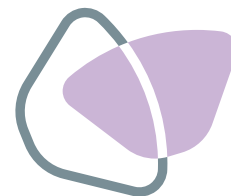


SWISS COAXIAL I/A systems (single-use / sterile) consisting of: Coaxial I/A instrument (box of 10)

Item Code	Size	Incision Size*	Aspiration Cannula	Aspiration Port	Aspiration Head
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
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°	0.3mm	polished
SMS175P	23G / 0.65mm	1.8mm	curved	0.3mm	polished

* Incision sizes are indications only based on average experiences. The individually required incision sizes may vary depending on surgical techniques

SWISS BI-MANUAL I/A



The best bimanual choice

The SWISS BI-MANUAL I/A handpieces are characterised by their well-established aeroplane shape. The textured handpiece grip surface offers comfortable handling and user control. They are compatible with all common luer connectors and available in the preferred designs and sizes 23G and 21G.

SWISS BI-MANUAL I/A systems (single-use / sterile) consisting of: Bimanual I/A instrument (box of 10)

Item Code	Size	Incision Size*	Aspiration Cannula	Aspiration Port	Aspiration Head	Irrigation Cannula	Irrigation Port
SBS310A	21G / 0.8mm	1.1mm	curved aeroplane shape	0.35mm	textured	aeroplane shape	2 ports, 0.45mm
SBS320A	23G / 0.65mm	0.8mm	curved aeroplane shape	0.3mm	textured	aeroplane shape	2 ports, 0.35mm

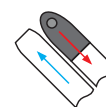


aeroplane shape

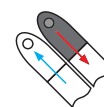
SWISS BI-MANUAL I/A systems (single-use / sterile) consisting of: Bimanual I/A instrument (box of 10)

Item Code	Size	Incision Size*	Aspiration Cannula	Aspiration Port	Aspiration Head	Irrigation Cannula	Irrigation Port
SBS105	21G / 0.8mm	1.1mm	curved aeroplane shape	0.35mm	textured	open	1 port, 0.5mm
SBS110A	21G / 0.8mm	1.1mm	curved aeroplane shape	0.35mm	textured	curved aeroplane shape	2 ports, 0.45mm
SBS123A	23G / 0.65mm	0.8mm	aeroplane shape	0.3mm	textured	curved aeroplane shape	2 ports, 0.35mm

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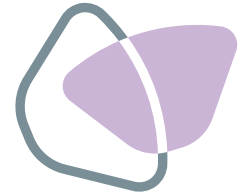


SBS105



SBS110A / SBS123A

4K F-SONIC



High precision phaco tip

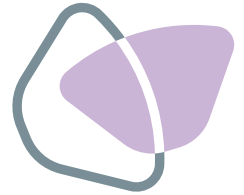
The F-SONIC double-step flared design is a high-precision phaco tip. The high irrigation flow results in efficient cooling of the tip, which reduces thermal stress on the surrounding tissue. Maximum freedom through a wide range of sizes compatible with various phaco platforms available on the market.

4K F-SONIC sets (single-use / sterile) consisting of: 10 titanium tips with 10 tip-wrenches / 10 infusion sleeves / 10 test chambers

Item Code	Device Name	Size	Available Degree	Incision Size*
PA603019FK	4K F-Sonic 19G/30°	19G	30° (standard), straight	2.8mm
PA603019CFK	4K F-Sonic 19G/30°, curved	19G	30° (standard), curved	2.8mm
PA603020FK	4K F-Sonic 20G/30°	20G	30° (standard), straight	2.5mm
PA603020CFK	4K F-Sonic 20G/30°, curved	20G	30° (standard), curved	2.5mm
PA603021FK	4K F-Sonic 21G/30°	21G	30° (standard), straight	2.2mm
PA603021CFK	4K F-Sonic 21G/30°, curved	21G	30° (standard), curved	2.2mm
PA603023FK	4K F-Sonic 23G/30°	23G	30° (standard), straight	1.8mm
PA603023CFK	4K F-Sonic 23G/30°, curved	23G	30° (standard), curved	1.8mm

* Incision sizes are indications only based on average experiences. The individually required incision sizes may vary depending on surgical techniques

4K S-SONIC



Proven S-SONIC phaco tip

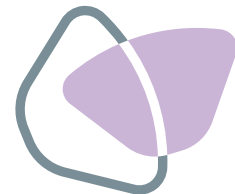
S-SONIC is a trusted classic and is available in combination with the perfectly matching silicone sleeves. The high irrigation flow results in efficient cooling of the phaco tip, which reduces thermal stress on the surrounding tissue. Maximum freedom through a wide range of sizes compatible with various phaco platforms available on the market.

4K S-SONIC sets (single-use / sterile) consisting of: 10 titanium tips with 10 tip-wrenches / 10 infusion sleeves / 10 test chambers

Item Code	Device Name	Size	Available Degree	Incision Size*
PA603500	4K S-Sonic 19G/30°	19G	30° (standard), straight	2.8mm
PA603500C	4K S-Sonic 19G/30°, curved	19G	30° (standard), curved	2.8mm
PA603510	4K S-Sonic 20G/30°	20G	30° (standard), straight	2.5mm
PA603510C	4K S-Sonic 20G/30°, curved	20G	30° (standard), curved	2.5mm
PA603540	4K S-Sonic 21G/30°	21G	30° (standard), straight	2.2mm
PA603540C	4K S-Sonic 21G/30°, curved	21G	30° (standard), curved	2.2mm

* Incision sizes are indications only based on average experiences. The individually required incision sizes may vary depending on surgical techniques

XXK SUBSONIC

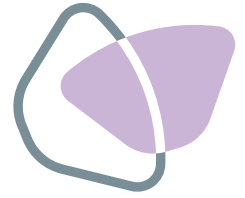


XXK SUBSONIC sets (single-use / sterile) consisting of: 10 titanium tips with 10 tip-wrenches / 10 infusion sleeves / 10 test chambers

Item Code	Device Name	Size	Available Degree	Incision Size*
PA60339I	XXK SUBSONIC 21G/30°	21G	30° (standard), straight	2.2mm
PA60339IC	XXK SUBSONIC 21G/30°, curved	21G	30° (standard), curved	2.2mm

* Incision sizes are indications only based on average experiences. The individually required incision sizes may vary depending on surgical techniques

INFUSION SLEEVE



SLEEVE sets (single-use / sterile) consisting of: 10 infusion sleeves / 10 test chambers

Item Code	Device Name	Colour	Size	Incision Size*	Use with MediceI phaco tip size
PA603901	Phaco Accessories Set 19G	blue	19G	2.8mm	19G
PA603902	Phaco Accessories Set 20G	white	20G	2.5mm	20G
PA603903	Phaco Accessories Set 21G	clear	21G	2.2mm	21G
PA603904	Phaco Accessories Set 23G	orange	23G	1.8mm	23G

* Incision sizes are indications only based on average experiences. The individually required incision sizes may vary depending on surgical techniques

SWISS EVOLUTION

developed and produced in Switzerland



medicel



Catalogue

CE 0482



A Halma company