



# PRODUCT CATALOGUE

September 2025



# OUR MISSION

## Making eye surgery safer, simpler, and more efficient

Dear Customer and Partner

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

Mediceal 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.

Mediceal'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.

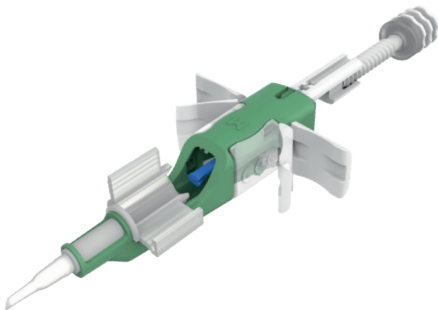
The Mediceal team looks forward to collaborating with you to help improve patients' and consumers' eyesight and quality of life.

Best Regards,

Susanne Strauss  
CEO, Mediceal AG

# OUR PORTFOLIO

IOL INJECTORS & CARTRIDGES	PAGE
DUALCEL™ Injectors terralution	4
ACCUJECT™ DUAL Injectors	5
ACCUJECT™ REFRA Injectors	6
ERGOJECT™ Injectors	7
ACCUJECT™ Injector Sets	8
VISCOJECT™-BIO Injector Sets	9
VISCOJECT™ BIO Cartridge Sets	9
VISCOJECT™ EASY Injector Sets	10
VISCOJECT™ ECO Injector Sets	11
 I/A INSTRUMENTS	
SWISS COAXIAL I/A System Soft Tip	12
SWISS COAXIAL I/A Systems	13
BICEL™ I/A terralution	14
SWISS BI-MANUAL I/A Systems	15
 PHACO ACCESSORIES	
4K F-SONIC Phaco Sets	16
4K S-SONIC Phaco Sets	17
XXK SUBSONIC Phaco Sets	18
INFUSION SLEEVE	19



The new sustainable injector alternative

DUALCEL terralution has an impressively smaller product design with the same performance features. A major advantage of the injector is the freedom of use for the surgeon offered by the combination of push and screw. Various loading methods and a wide range of cartridges with the required incision sizes offer maximum flexibility and safety.

DUALCEL Injector terralution (top-loaded / single-use / sterile)



Item Code	Device Name	Incision Size (mm)*			IOL-Type
		wound-assisted	into-the-wound	into-the-bag	
DUT30T	3.0-TL Injector	2.4	2.7-2.8	3.1	1-pieces lenses
DUT26T	2.6-TL Injector	2.2	2.5	2.8	
DUT24T	2.4-TL Injector	2.1	2.4	2.7	
DUT22T	2.2-TL Injector	1.9-2.0	2.2	2.5	
DUT21T	2.1-TL Injector	1.9	2.1-2.2	2.4	
DUT20T	2.0-TL Injector	1.8-1.9	2.1	2.3-2.4	
DUT18T	1.8-TL Injector	1.8	2	2.2-2.3	Hydrophilic only
DUT16T	1.6-TL Injector	1.6	1.8	2.0	

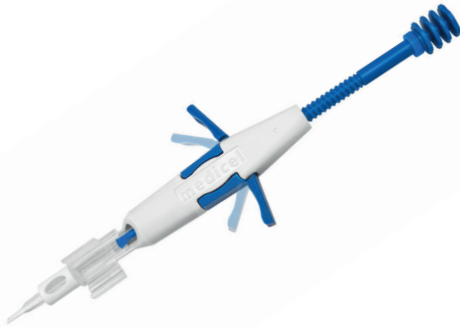
DUALCEL Injector terralution (back-loaded / single-use / sterile)



Item Code	Device Name	Incision Size (mm)*			IOL-Type
		wound-assisted	into-the-wound	into-the-bag	
DUT30B	3.0-BL Injector	2.4	2.7-2.8	3.1	1-pieces lenses
DUT26B	2.6-BL Injector	2.2	2.5	2.8	
DUT24B	2.4-BL Injector	2.1	2.4	2.7	
DUT22B	2.2-BL Injector	1.9-2.0	2.2	2.5	
DUT21B	2.1-BL Injector	1.9	2.1-2.2	2.4	
DUT20B	2.0-BL Injector	1.8-1.9	2.1	2.3-2.4	
DUT18B	1.8-BL Injector	1.8	2	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™ 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

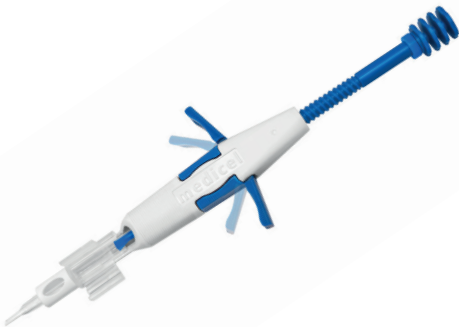
### ACCUJECT DUAL (back-loaded / single-use / sterile)



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	

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



## 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 Medcel'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	

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



# 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	

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

# 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	

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



# VISCOJECT<sup>TM</sup> ECO



The economic injector

**VISCOJECT ECO Injector Sets (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	2IG / 0.8mm	2.2mm	angled 45°	0.4mm	silicone tip

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



# 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
SMSI20	19G / 1.1mm	2.8mm	angled 45°	0.35mm	textured
SMSI30	19G / 1.1mm	2.8mm	angled 65°	0.35mm	textured
SMSI15	20G / 0.9mm	2.5mm	straight	0.35mm	textured
SMSI25P	20G / 0.9mm	2.5mm	angled 45°	0.35mm	polished
SMSI35	20G / 0.9mm	2.5mm	angled 65°	0.35mm	textured
SMSI55P	21G / 0.8mm	2.2mm	angled 45°	0.35mm	polished
SMSI60P	21G / 0.8mm	2.2mm	curved	0.35mm	polished
SMSI70P	23G / 0.65mm	1.8mm	angled 45°	0.3mm	polished
SMSI75P	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



The new sustainable bimanual I/A

BICEL terralution combines the best properties of the Mediceal product ranges currently available in one sustainable product. The track-proven aeroplane shape of the cannulas and the grip structure of the new handpiece design ensure intuitive and comfortable handling as well as precise control during use. It is compatible with all common luer connectors and available in the preferred sizes 23G and 21G.

**BICEL I/A terralution (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
BIT21A	21G / 0.8mm	1.1mm	curved aeroplane shape	0.35mm	textured	aeroplane shape	2 ports, 0.45mm
BIT23A	23G / 0.65mm	0.8mm	curved aeroplane shape	0.3mm	textured	aeroplane shape	2 ports, 0.35mm

\* 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

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



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 2IG/30°	2IG	30° (standard), straight	2.2mm
PA60339IC	XXK SUBSONIC 2IG/30°, curved	2IG	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





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 A Halma company