



SURGINJECT

INJECTOR FOR FOLDABLE INTRAOCULAR LENS

PRECISION THAT ENSURES PREDICTABLE IOL DELIVERY

Smooth Lens Advancement

Advanced gliding technology and optimized cartridge geometry work together to deliver the intraocular lens with controlled movement and minimal friction, supporting a smooth and predictable implantation experience.

Precision Engineered

Every SURGINJECT injector is designed with a thin-wall cartridge, carefully engineered plunger mechanism, and high-quality materials to provide consistent handling, reliable control, and dependable surgical performance.

Validated Reliability

Supported by comprehensive bench testing and usability evaluation, SURGINJECT delivers dependable performance that surgeons can rely on in routine cataract procedures.



DISCOVER THE SURGINJECT FULL RANGE

SURGINJECT



SURGINJECT
VENO

PRODUCT SPECIFICATIONS - SURGINJECT

To achieve a successful intraocular lens (IOL) implantation during cataract surgery, it’s critical to use a safe injection system that ensures predictable and repeatable IOL delivery for safety and optimal patient comfort.

The SURGINJECT single-use injections have been purpose-built with higher quality cartridge materials and proven gliding agents to make the injector easier to wield, while delivering the lens with minimal friction. Each injector is equipped with a precise thin-wall cartridge that helps doctors to accomplish more versatile injection at routine surgeries.



Article Name	SURGINJECT	Specifications
SURGINJECT 2.0	SLIG2000	Cartridge 2.0mm,InBag 2.3mm,2.0 Injector set,GMS
SURGINJECT 2.4	SLIG2400	Cartridge 2.4mm,InBag 2.7mm,2.4 Injector set,GMS
SURGINJECT 2.7	SLIG2700	Cartridge 2.7mm,InBag 3.0mm,2.7 Injector set,GMS
SURGINJECT 3.0	SLIG3000	Cartridge 3.0mm,InBag 3.1mm,3.0 Injector set,GMS
SURGINJECT 2.0 With Spring	SLIG200S	Cartridge 2.0mm,InBag 2.3mm,2.0 Injector set,Spring,GMS
SURGINJECT 2.4 With Spring	SLIG240S	Cartridge 2.4mm,InBag 2.7mm,2.4 Injector set,Spring,GMS
SURGINJECT 2.7 With Spring	SLIG270S	Cartridge 2.7mm,InBag 3.0mm,2.7 Injector set,Spring,GMS
SURGINJECT 3.0 With Spring	SLIG300S	Cartridge 3.0mm,InBag 3.1mm,3.0 Injector set,Spring,GMS

Recommended incision sizes. Actual incision sizes depend on many factors and may vary.

PRODUCT SPECIFICATIONS - SURGINJECT VENO

To achieve a successful intraocular lens (IOL) implantation during cataract surgery, it’s critical to use a safe injection system that ensures predictable and repeatable IOL delivery for safety and optimal patient comfort.

SURGINJECT VENO is a pre-assembled injector with a high-end biocompatible coated cartridge that makes the injector easier to wield while delivering the lens with minimal friction. Each injector is equipped with a precise thin-wall cartridge that helps doctors to accomplish IOL implantations that require a smaller incision size.



Article Name	SURGINJECT VENO	Specifications
SURGINJECT VENO 1.8	SLIX1800	Cartridge 1.8mm,InBag 2.2mm,1.8 Injector set, Coated
SURGINJECT VENO 2.0	SLIX2000	Cartridge 2.0mm,InBag 2.4mm,2.0 Injector set, Coated
SURGINJECT VENO 2.2	SLIX2200	Cartridge 2.2mm,InBag 2.6mm,2.2 Injector set, Coated
SURGINJECT VENO 2.4	SLIX2400	Cartridge 2.4mm,InBag 2.8mm,2.4 Injector set, Coated
SURGINJECT VENO 1.8 With Spring	SLIX180S	Cartridge 1.8mm,InBag 2.2mm,1.8 Injector set,Spring, Coated
SURGINJECT VENO 2.0 With Spring	SLIX200S	Cartridge 2.0mm,InBag 2.4mm,2.0 Injector set,Spring, Coated
SURGINJECT VENO 2.2 With Spring	SLIX220S	Cartridge 2.2mm,InBag 2.6mm,2.2 Injector set,Spring, Coated
SURGINJECT VENO 2.4 With Spring	SLIX240S	Cartridge 2.4mm,InBag 2.8mm,2.4 Injector set, Spring, Coated

Recommended incision sizes. Actual incision sizes depend on many factors and may vary.

TWO INJECTOR SYSTEMS. TWO SURGICAL APPROACHES.

SURGINJECT

- Designed for Hydrophilic Acrylic IOLs
- Separate injector and cartridge provide flexibility during surgical preparation.
- Uncoated cartridge with proven gliding technology supports controlled lens advancement.
- Optimized for routine cataract procedures requiring reliable and predictable implantation.
- Available in multiple cartridge sizes to accommodate various IOL powers.

SURGINJECT VENO

- Designed for Hydrophobic Acrylic IOLs
- Pre-assembled injector with cartridge simplifies operating room workflow.
- Advanced coated cartridge reduces friction for smoother IOL delivery.
- Optimized for micro-incision cataract surgery and premium hydrophobic IOL implantation.
- Ready-to-use configuration minimizes preparation time while enhancing surgical efficiency.

WHICH IOL INJECTOR IS RIGHT FOR YOUR PROCEDURE?

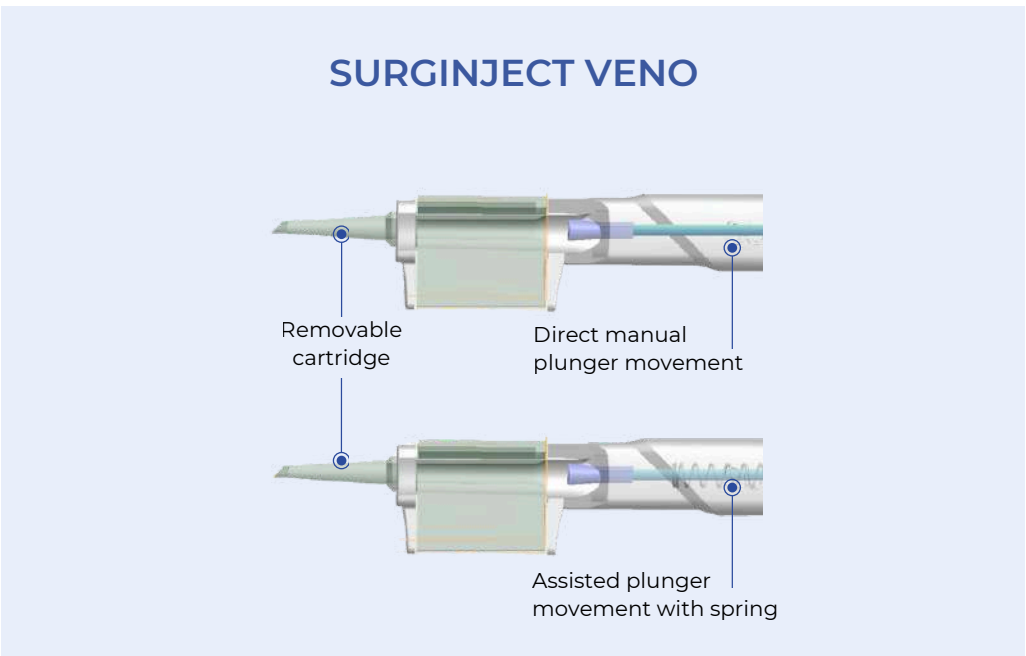
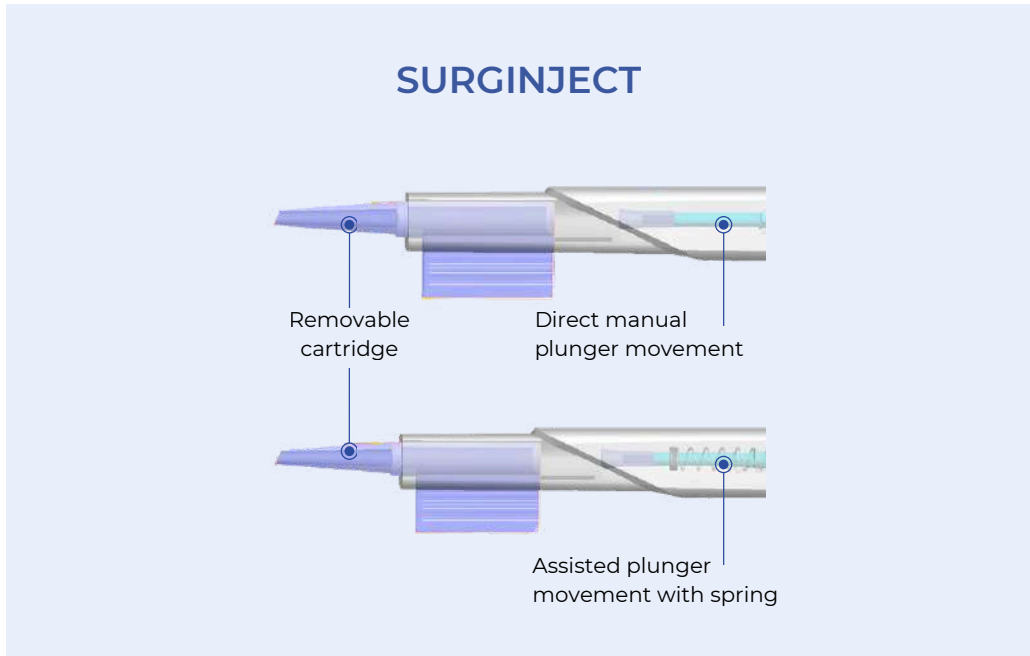
SURGINJECT	SURGINJECT VENO
Recommended for Hydrophilic Acrylic IOLs	Recommended for Hydrophobic Acrylic IOLs
Separate injector and cartridge	Pre-assembled injector with cartridge
Cartridge with GMS gliding agent	Advanced coated cartridge
Surgeon assembles injector and cartridge before use	Ready-to-use system
Designed for routine cataract surgery	Designed for premium cataract surgery and smoother lens delivery

SPRING & MANUAL INJECTION SYSTEMS

Both SURGINJECT and SURGINJECT VENO are available in spring and manual configurations, allowing surgeons to select the injector mechanism that best complements their surgical technique and personal preference.

Why choose your preferred mechanism?

- Both mechanisms are engineered to deliver the same level of precision and reliability.
- The choice depends on individual surgical preference and injection technique.
- Consistent cartridge performance supports smooth and predictable IOL implantation across both configurations.
- Available across the SURGINJECT and SURGINJECT VENO product portfolio.



OPERATING MECHANISM COMPARISON

Spring Mechanism	Manual Mechanism
Assisted plunger movement	Direct manual plunger movement
Reduced thumb force	Full tactile control
Smooth, controlled advancement	Surgeon-controlled injection speed
Comfortable during longer procedures	Familiar operating technique
Consistent assisted delivery	Direct manual precision

**Injector and cartridge images are for illustrative purposes only; colours may not exactly match the actual models.*



RECOMMENDED CARTRIDGE SELECTION

Selecting the appropriate cartridge size is essential for achieving smooth lens delivery and maintaining predictable surgical performance. The recommended SURGINJECT cartridge depends on both the intraocular lens (IOL) power and the preferred loading technique.

SURGINJECT



	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1
SURGINJECT 2.0			●		●		●								
SURGINJECT 2.4					●			●			●				
SURGINJECT 2.7								●			●			●	
SURGINJECT 3.0										●			●		●

SURGINJECT VENO



	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1
SURGINJECT VENO 1.8		●		●		●									
SURGINJECT VENO 2.0			●			●		●							
SURGINJECT VENO 2.2					●			●		●					
SURGINJECT VENO 2.4						●			●			●			

PRECISION THROUGH ENGINEERED IOL DELIVERY

Controlled delivery

- Optimized cartridge technology for smooth lens advancement.
- Predictable injection characteristics throughout implantation.
- Designed to support consistent surgical outcomes.

Refined engineering

- Available in manual and spring-assisted configurations to suit individual surgical preferences.
- Precision-engineered injector body provides balanced handling and reliable control.
- Evaluated through surgeon usability studies for handling and ease of use

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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