



DISPOSABLE LAPAROSCOPIC
Trocar Solution

Surgsci Medical Ltd.

Helping medical professionals do their work is our work. Explore our range of medical solutions, design to improve performance at every point of care. Surgsci Medical Ltd. was established in Shenzhen. We have built many of our labs together with many institutes in China including medical polymer material laboratory, metal material laboratory, microbiology laboratory and surgical energy laboratory. We have an 80 people team with plentiful technical clinical experience. Since establishment, we have obtained more than 50 patents both domestic and overseas. In 2019, Surgsci Medical Ltd. was recognized as a national high-tech enterprise.



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Introduction

Endopass™

Quickpass™

Easypass™ & Bluntpass™

Hassonpass™

Without Valve™

Trocar Model-Single set

Trocar Model-Kit

More

The Surgsci logo, featuring the word "Surgsci" in a teal, sans-serif font. The letter "i" is stylized with a curved line above it.



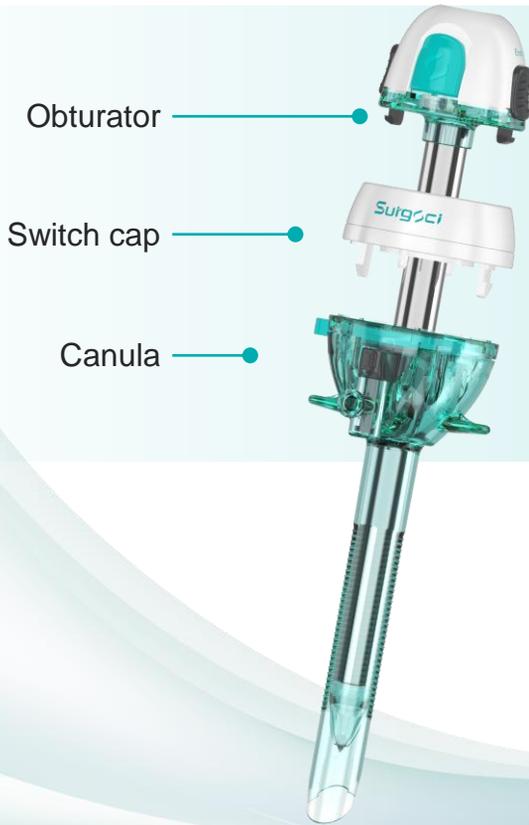
Olive-Shaped Design

- Olive-shaped top better fits to the palm.
- Round top of the obturator makes the contact with palm more comfortable.

Detachable Switch Cap

- Multi-disc valve in detachable cap flexibly enfold the inserted instrument and achieve better sealing.
- Sealing valve are multiple folded with rich malleability. Keep good sealing while swinging freely with the inserted instrument.





Fully Detachable structure

- Adopts fully detachable structure and composed of 3 parts with clip-on link for assembly.
- Easy detached by pushing the button/handle and convenient for adjustment in Surgery.

Demo for fully detach

- Press button at both sides of obturator to release it.
- Stir the handle around canula body to separate the switch cap and cannula. Wider portal appears for specimen taken out during minimally surgery.





- Endopass visual laparoscopic trocar offers 7 sizes that can be used in various types of laparoscopic surgeries.
- Under the complexity of abdominal conditions, Endopass visual laparoscopic trocar gives visual feedbacks when puncturing with the help of endoscope to avoid the potential damage to the organs by mis-operation.

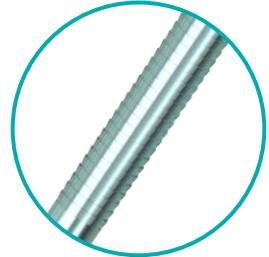
Funnel Lead-In

- Funnel shape Lead-In enabling smooth insertion, one-hand surgical instrument exchanging



Stable Thread Design

- Unique thread-shaped sleeve surface with inverted tooth design to increase sleeve fixation on abdominal wall and avoid sliding when the instruments entering or withdrawing from the sleeve.



None-bladed tip

- Non-blade tip separates tissues instead of cutting. Reduces the damage to abdominal wall and quickens the recovery after surgery



Endoscope secure lock

- Easy operating tunnel lock to secure the endoscope from sliding in order to provide stable visualization.



Available in 7 sizes

Code	Diameter	Length
T05075V	Φ5mm	75mm
T05100V	Φ5mm	100mm
T05150V	Φ5mm	150mm
T10100V	Φ10mm	100mm
T10150V	Φ10mm	150mm
T12100V	Φ12mm	100mm
T12150V	Φ12mm	150mm



- Quickpass blade trocar provides 4 sizes that can be used in various types of laparoscopic surgeries.
- Automatically blade retracting system to ensure the retraction of the blade before and after insertion. Protecting both patient and surgeon from injuries.

Olive-shaped ergonomic design

- Olive shaped outline and Ergonomic design fits user' palm better. Make it more comfortable to hold and puncture.



Secure button

- Secure button released=Safe mode. Blade detained in sheath.
- Secure button pressed=Puncture mode. Blade pushed out when puncturing and retracted into sheath afterward to prevent injuries to organs.



Blade protective sheath design

- Unique blade design with sheath on tip. Preventing blade from abrasion and accidentally injury before insertion. Blade retracts back into sheath once entering peritoneum for safety operation.



Available in 4 sizes

Code	Diameter	Length
T05075P	Φ5mm	75mm
T05100P	Φ5mm	100mm
T10100P	Φ10mm	100mm
T12100P	Φ12mm	100mm

Easypass™



Bluntpass™



- Easypass trocar provides 3 sizes and Bluntpass trocar provides 2.
- Non-blade puncture cone head separates tissue instead of cutting ,reduces penetration damage and quickens recovery after surgery.

Finger grip

- Ergonomically designed finger grip fits user better. Allowing for easy rotating during insertion and offering a firm holding position.



Double seal structure

- Double sealing units design. Detachable multi-disc sealing structure and one-way duckbill sealing valve allows the entry of different sizes of instruments and maintain the pneumoperitoneum while operating



Easypass puncturing tip

- With plastic sharp edge on both sides of the tip, the unique designed obturator divides tissue easily and precisely, reduces the damage to abdominal wall during puncturing.



Bluntpass puncturing tip

- With blunt and mellow puncturing tip, it avoids damage to abdominal wall and suitable for second puncturing.



Available in 3 sizes-Easypass trocar

Code	Diameter	Length
T05100S	Φ5mm	100mm
T10100S	Φ10mm	100mm
T12100S	Φ12mm	100mm

Available in 2 sizes-Bluntpass trocar

Code	Diameter	Length
T10100D	Φ10mm	100mm
T12100D	Φ12mm	100mm



- Hassonpass trocar provides 2 sizes for puncturing surgery
- The blunt and mellow obturator tip pushes the tissue softly and avoids damage to abdominal wall when puncturing.
- Adjustable suture pile on canula tube. Suture line twined and fastened to suture piles making the canula settled on abdominal wall.



Suture line pile

- Adjustable suture pile on canula tube. Suture line twined and fastened to suture piles making the canula settled on abdominal wall.



Blunt puncturing tip

- With blunt and mellow puncturing tip, avoid damage to abdominal wall and suitable for second puncturing.



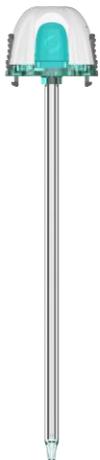
Available in 2 sizes

Code	Diameter	Length
T10100H	Φ10mm	100mm
T12100H	Φ12mm	100mm



None-air inlet valve design

None-air inlet valve design, the overall structure is simple and the risk of air leakage is reduced.



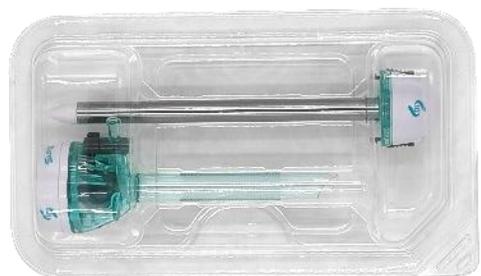
Available in 3 sizes

Code	Diameter	Length
T05075N	Φ5mm	75mm
T05100N	Φ5mm	100mm
T05150N	Φ5mm	150mm



Image	Model	Code	Diameter	Length
	Endopass™	T05075V T05100V T05150V	Φ5mm	75mm 100mm 150mm
	Endopass™	T10100V T10150V	Φ10mm	100mm 150mm
	Endopass™	T12100V T12150V	Φ12mm	100mm 150mm
	Quickpass™	T05075P T05100P	Φ5mm	75mm 100mm
	Quickpass™	T10100P T12100P	Φ10mm Φ12mm	100mm
	Easypass™	T05100S T10100S T12100S	Φ5mm Φ10mm Φ12mm	100mm
	Bluntpass™	T10100D T12100D	Φ10mm Φ12mm	100mm
	Hassonpass™	T10100H T12100H	Φ10mm Φ12mm	100mm
	Without Valve™	T05075V T05100V T05150V	Φ5mm	75mm 100mm 150mm

Packaging



Model	Code	Obturator (Diameter)	Cannula (Unit)
Endopass™	TV02	Φ5mm	Φ5mm x2
	TV06	Φ10mm	Φ10mm x2
	TV08	Φ12mm	Φ12mm x2
	TV28	Φ5mm Φ10mm Φ12mm	Φ5mm x1 Φ10mm x2 Φ12mm x2
	TV29	Φ5mm Φ10mm Φ12mm	Φ5mm x1 Φ10mm x3 Φ12mm x1
Easypass™	TS02	Φ5mm	Φ5mm x1
	TS06	Φ10mm	Φ10mm x2
	TS08	Φ12mm	Φ12mm x2
	TS28	Φ5mm Φ10mm Φ12mm	Φ5mm x1 Φ10mm x2 Φ12mm x2
	TS29	Φ5mm Φ10mm Φ12mm	Φ5mm x1 Φ10mm x3 Φ12mm x1

Packaging





More Collection Available soon...

Balloon Trocar

Φ3mm Child Type

Φ15mm Trocar

Thoracic Trocar

Multipass Trocar



Surgsci