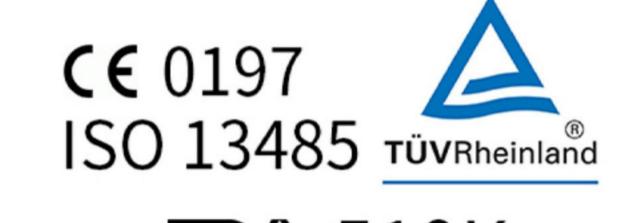
GTK Optical Trocar

GT.K Disposable Optical Trocars are used for puncturing the abdominal wall, approaching the abdominal cavity, supplying gas and providing an access for surgical instruments in laparoscopic surgery.

C€ 0197



Features:

Visible:

An endoscope can be inserted into an optical trocar to make the whole surgery process visible.

Reliability:

21 inspection steps on each trocar ensures high quality.

Safety:

The ergonomic design of the trocar thread not only makes instruments stable but also reduces harm to skin.

Design:

Pattern and color design is pleasing and comfortable to eyes.



Universality:

FD∕ 510K

No need to have an adapter between 5mm and 15mm instruments. It is compatible to all kinds of surgical instruments.

Leak-proofness:

The universal seal can be replaced without removing the trocar cannula, ensuring 100% leak-proofness.

Detachability:

The sealing components can be detached to remove large tissue or organ.



What makes GTK Optical Trocars stand out?



The valve to maintain air proofness when there is surgical instrument inserted in trocar cannula.

The outer valve to maintain air proofness. It can be adjusted to fit with the diameter of the surgical instrument inserted in trocar cannula.

The flower petal valve to maintain air proofness during surgery.



Transparent tip, helping clearly see tissue layers, avoiding accidental punctures.

| Product Name | Model | Product code | Number of Cannula | Diameter (mm) | Working Length(mm) | Qty Per Carton |
|-----------------|------------|---------------|------------------------|------------------|-----------------------|----------------|
| | CH-Optical | T05-75-CT-F | 1 pc 5mm | 5 | 75 | 20 |
| | | T12-75-CT-F | 1 pc 12mm | 12 | 75 | 20 |
| | | T05-100-CT-F | 1 pc 5mm | 5 | 100 | 20 |
| | | T10-100-CT-F | 1 pc 10mm | 10 | 100 | 20 |
| | | T12-100-CT-F | 1 pc 12mm | 12 | 100 | 20 |
| | | T12L-100-CT-F | 1 pc 12mm | 12 | 100 | 20 |
| | | T15-100-CT-F | 1 pc 15mm | 15 | 100 | 20 |
| | | T05-150-CT-F | 1 pc 5mm | 5 | 150 | 15 |
| | | T10-150-CT-F | 1 pc 10mm | 10 | 150 | 15 |
| Optical Trocars | | T12-150-CT-F | 1 pc 12mm | 12 | 150 | 15 |
| | | 2T052-75-CT-F | 2 pcs 5mm | 5 | 75 | 20 |
| | | 2T052-CT-F | 2 pcs 5mm | 5 | 100 | 20 |
| | | 2T102-CT-F | 2 pcs 10mm | 10 | 100 | 20 |
| | | 2T122-CT-F | 2 pcs 12mm | 12 | 100 | 20 |
| | | 2T122-75-CT-F | 2 pcs 12mm | 12 | 75 | 20 |
| | | 2T12L2-CT-F | 2 pcs 12mm | 12 | 100 | 20 |
| | | 3T52101-CT-F | 2 pcs 5mm & 1 pc 10mm | 5 & 10 | 100 | 10 |
| | | 3T52121-CT-F | 2 pcs 5mm & 1 pc 12mm | 5 & 12 | 100 | 10 |
| | | 3T5212L1-CT-F | 2 pcs 5mm & 1 pc 12mm | 5 & 12 | 100 | 10 |
| | | 4T52102-CT-F | 2 pcs 5mm & 2 pcs 10mm | 5 & 10 | 100 | 10 |
| | | 4T52122-CT-F | 2 pcs 5mm & 2 pcs 12mm | 5 & 12 | 100 | 10 |
| | | 4T5212L2-CT-F | 2 pcs 5mm & 2 pcs 12mm | 5 & 12 | 100 | 10 |

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GTK Bladed Trocars

G T.K Disposable Bladed Trocars are used for puncturing the abdominal wall, approaching the abdominal cavity, supplying gas and providing an access for surgical instruments in laparoscopic surgery.

> **C€** 0197 ISO 13485 TÜVRheinland



FD 510K

Features:

Reliability:

21 inspection steps on each trocar ensures high quality.

Safety:

The ergonomic design of the trocar thread not only makes instruments stable but also reduces harm to skin.

Design:

Pattern and color design is pleasing and comfortable to eyes.



Universality:

No need to have an adapter between 5mm and 15mm instruments. It is compatible to all kinds of surgical instruments.

Leak-proofness:

The universal seal can be replaced without removing the trocar cannula, ensuring 100% leak-proofness.

Detachability:

The sealing components can be detached to remove large tissue or organ.

What makes GTK Bladed Trocars stand out?



The blue lock is to hold the endoscope for first puncture entry of trocar.

Two switches pressed together detaches the trocar cap from the cannula to allow excised large tissue or organ removal quickly and rapidly from the patient's body. This switch design avoids accidental disassembly, which can occur with a one-only-button design.

Surface to surface fitting design ensures sealing performance, no leakage.





| Product Name | Model | Product code | Number of Cannula | Diameter (mm) | Working Length(mm) | Qty Per Carton |
|----------------|-------|--------------|------------------------|------------------|-----------------------|----------------|
| | CH-A | T05-100-CT-A | 1 pc 5mm | 5 | 100 | 20 |
| | | T10-100-CT-A | 1 pc 10mm | 10 | 100 | 20 |
| Bladed Trocars | | T12-100-CT-A | 1 pc 12mm | 12 | 100 | 20 |
| | | 2T052-CT-A | 2 pcs 5mm | 5 | 100 | 20 |
| | | 2T102-CT-A | 2 pcs 10mm | 10 | 100 | 20 |
| | | 2T122-CT-A | 2 pcs 12mm | 12 | 100 | 20 |
| | | 4T52102-CT-A | 2 pcs 5mm & 2 pcs 10mm | 5 & 10 | 100 | 10 |
| | | 4T52122-CT-A | 2 pcs 5mm & 2 pcs 12mm | 5 & 12 | 100 | 10 |



http://www.tk-medical.com

GTK Bladeless Trocars

GT.K Disposable Optical Trocars are used for puncturing the abdominal wall, approaching the abdominal cavity, supplying gas and providing an access for surgical instruments in laparoscopic surgery.

> **C**€ 0197 (E 019/ ISO 13485 TÜVRheinland



FD/2 510K

Features:

Visible:

An endoscope can be inserted into an optical trocar to make the whole surgery process visible.

Reliability:

21 inspection steps on each trocar ensures high quality.

Safety:

The ergonomic design of the trocar thread not only makes instruments stable but also reduces harm to skin.

Design:

Pattern and color design is pleasing and comfortable to eyes.



No need to have an adapter between 5mm and 15mm instruments. It is compatible to all kinds of surgical instruments.

Leak-proofness:

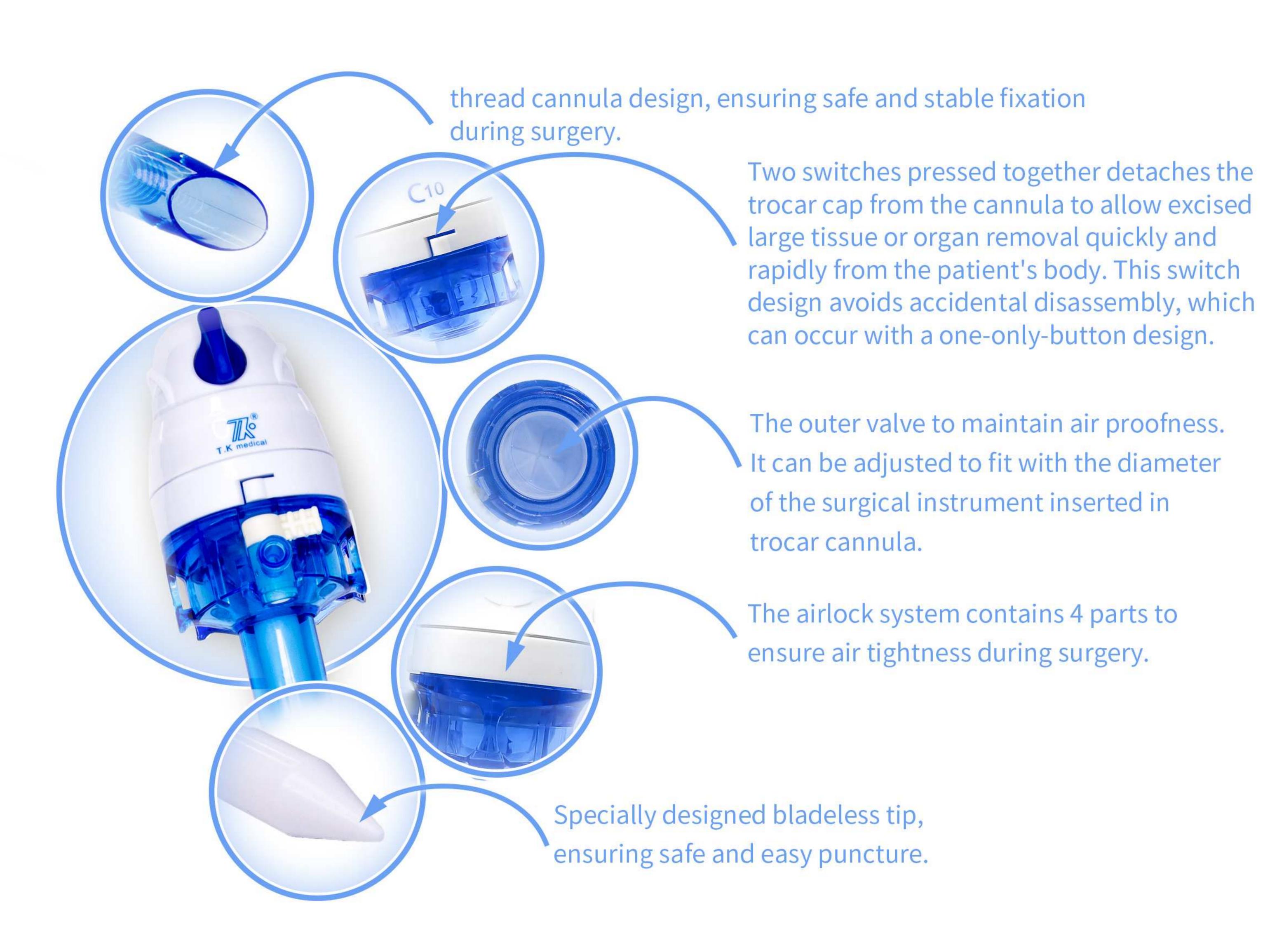
The universal seal can be replaced without removing the trocar cannula, ensuring 100% leak-proofness.

Detachability:

The sealing components can be detached to remove large tissue or organ.



What makes GTK Bladeless Trocars stand out?



| Product Name | Model | Product code | Number of Cannula | Diameter (mm) | Working Length(mm) | Qty Per Carton |
|-------------------|-------|--------------|-------------------|------------------|-----------------------|----------------|
| Bladeless Trocars | CH-F | T15-100-CT-F | 1 pc 15mm | 15 | 100 | 20 pcs |
| | | T15-150-CT-F | 1 pc 15mm | 15 | 150 | 15pcs |



http://www.tk-medical.com

What makes GTK Bladeless Pediatric Trocars stand out?

GTK Disposable 3mm and 5mm trocars are used for puncturing the abdominal wall, approaching the abdominal cavity, supplying gas and providing an access for surgical instruments in laparoscopic pediatric surgery.

Features:

Reliability:

21 inspection steps on each trocar ensures high quality.

Safety:

The ergonomic design of trocar thread not only makes instruments stable but also reduces harm to skin.



Leak-proofness:

The universal seal can be replaced without removing trocar cannula, ensuring 100% leak-proofness.

Design:

Pattern and color design is amiable and comfortable to eyes.

What makes GTK Bladeless Pediatric Trocars stand out?



| Product Name | Model | Product code | Diameter (mm) | Working Length(mm) | Qty Per Carton |
|-------------------|-------|--------------|------------------|-----------------------|----------------|
| Bladeless Trocars | CH-S | T03-55-CT-S | 3 | 55 | 100 |
| | | T05-55-CT-S | 5 | 55 | 100 |
| | | T05-100-CT-5 | 5 | 100 | 100 |

