

PAJUNK®

*TrocaSys –
the Disposable Trocar System
Safe and Sophisticated*



Laparoscopy

Effective in its function

TrocaSys – the PAJUNK® disposable trocar

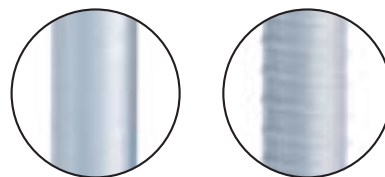
With TrocaSys, PAJUNK® has set its mark on the market of disposable trocar systems. Because aside of the economic advantage, this disposable system offers innovative functions which make its application extremely safe and convenient to operate. These are essentially:

- the sturdy stainless steel trocar tips
- the visual safety indication on the shielded trocar
- the atraumatically dilatating trocar
- the universal seal of TrocaSys \varnothing 11 mm
- the bayonet-lock on the trocar/obturator
- the design with a smooth or a corrugated guide tube
- the disposable Hasson-system \varnothing 11 mm

Smooth or corrugated guide tube

While the \varnothing 3 mm plastic guide tube is exclusively available in the corrugated version, the versions \varnothing 5.5 and \varnothing 11 mm are available with a smooth and a corrugated surface.

During introduction and removal of the instruments, the grooved structure of the corrugated guide tubes provides for a sure and safe anchoring of the trocar sleeve in the abdominal wall, particularly if instruments with small diameters are used or if adipose patients are operated.

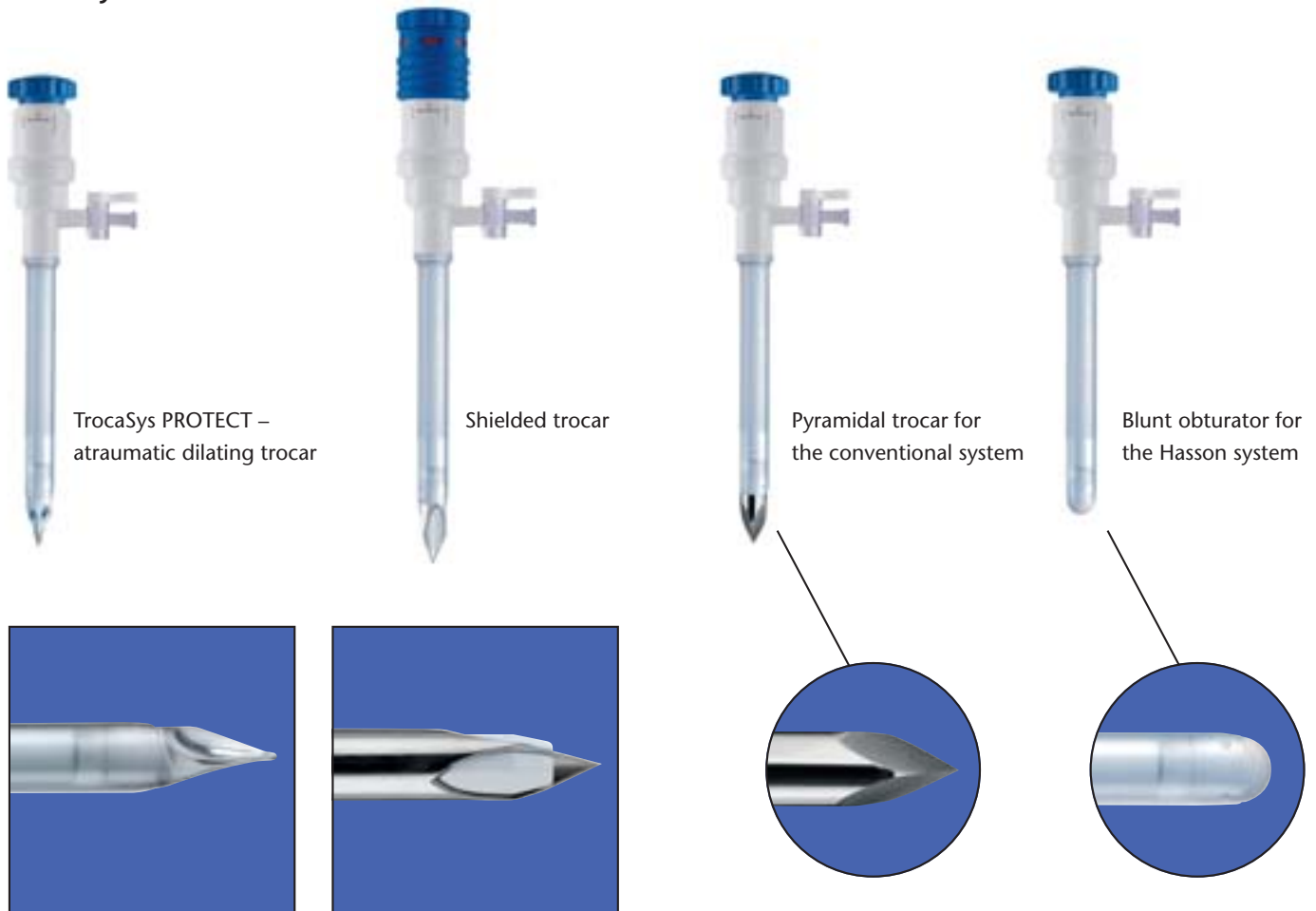


Visual safety indication

A color indicator shows, whether the shielded trocar is activated or not. The shielded trocar must be firmly connected to the trocar sleeve in order to activate it (bayonet lock). Now tightly hold the valve housing with one hand, while shifting the activation bushing upwards with the other hand until you hear an audible clicking sound, and the viewing-window turns to RED (color signal). As soon as the trocar tip has passed the abdominal wall, the shielding device at the cutting tip will immediately lock in place again, therefore preventing any possible injuries.

system

TrocaSys Variants



Safety in two different designs

The TrocaSys disposable trocar systems manufactured by PAJUNK® permit the trocar to be introduced safely. **There are two systems to choose from:**

Thanks to its special tip geometry, the new **TrocaSys PROTECT** trocar permits the atraumatically dilatating placement of the trocar system without being equipped with a cutting tip. Manufactured completely of plastic material, this is the economical variant for safe and secure port placement.

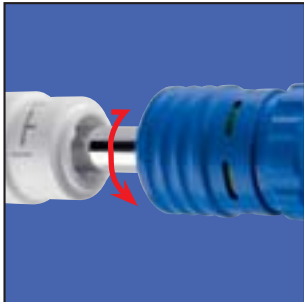
The atraumatically dilatating procedure, without employing sharp edges, reduces the risk of bleeding, visceral vessel lesions and hernia-formation. In addition, the displaced tissue will close again almost completely after removal of the trocar sleeve, which eases the sealing of the wound.

The housing and the shielding device of the **TrocaSys Shielded Trocar** are manufactured of plastic material. The trocar itself is manufactured of sturdy stainless steel, which ensures optimal force transmission.



Effective in its function

TrocaSys – the advantages in detail



Firm bayonet lock

The shielded trocar is firmly connected to the valve housing by means of a practical bayonet lock. A simple rotational movement is sufficient to remove the shielded trocar.

Universal seal

The 11 mm trocar sleeve is equipped with the silicone valve and additional with a special universal seal. The system permits the gastight introduction of all instruments with a diameter of 5.0 to 11 mm without the use of a reducing adapter. This seal has been provided with a plain slit, it is very flexible and will ensure for maximum impermeability and tightness, also if small instrument inserts are used.



Silicone valve

Hasson system

PAJUNK® is newly also offering a disposable system for mini-laparotomy performed using the Hasson technique. This consists of three components:

- TrocaSys trocar sleeve ø 11 mm
- cone with suture stays
- blunt obturator

The cone ensures the gastight seal of the incision. It can be easily shifted on the guide tube and it can be locked in place tightly in any position by means of a fixation-lever. The system can therefore be optimally adapted to the respective anatomical conditions and circumstances.

Two self-clamping suture stays provide for fast and simple fixation of the cone to the fascia by means of suturing material. The position of the trocar sleeve can be altered intraoperative at any time, even in sewed on condition.



Hasson cone

TrocaSys

A comprehensive overview

TrocaSys

Size	smooth guide tube	corrugated guide tube	PU
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TrocaSys PROTECT – Disposable Trocar System with dilatating trocar



∅ 5.5 mm	1289-03-55	1289-13-55	5
∅ 11 mm	1289-03-11	1289-13-11	5

Disposable Trocar System with shielded trocar



∅ 3 mm	–	1289-10-03	5
∅ 5.5 mm	1289-00-55	1289-10-55	5
∅ 11 mm	1289-00-11	1289-10-11	5

Disposable Trocar System with pyramidal trocar



∅ 3 mm	–	1289-11-03	5
∅ 5.5 mm	1289-01-55	1289-11-55	5
∅ 11 mm	1289-01-11	1289-11-11	5

Disposable Trocar System with blunt obturator



∅ 3 mm	–	1289-12-03	5
∅ 5.5 mm	1289-02-55	1289-12-55	5
∅ 11 mm	1289-02-11	1289-12-11	5

TrocaSys Disposable Trocar System with Hasson cone and blunt obturator



∅ 11 mm	1289-32-11	–	5
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TrocaSys trocar sleeve single, without trocar/obturator



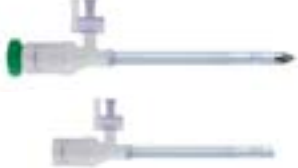



∅ 5.5 mm	1289-09-55	1289-19-55	5
∅ 11 mm	1289-09-11	1289-19-11	5

TrocaSys Double sets

A comprehensive overview

TrocaSys Double sets

	Size	smooth guide tube	corrugated guide tube	PU
Double set with TrocaSys PROTECT				
	ø 5.5 mm	1289-43-55	1289-53-55	5
	ø 11 mm	1289-43-11	1289-53-11	5
Double set with shielded trocar				
	ø 5.5 mm	1289-40-55	1289-50-55	5
	ø 11 mm	1289-40-11	1289-50-11	5
Double set with pyramidal trocar				
	ø 5.5 mm	1289-41-55	1289-51-55	5
Double set with blunt obturator				
	ø 5.5 mm	1289-42-55	1289-52-55	5

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