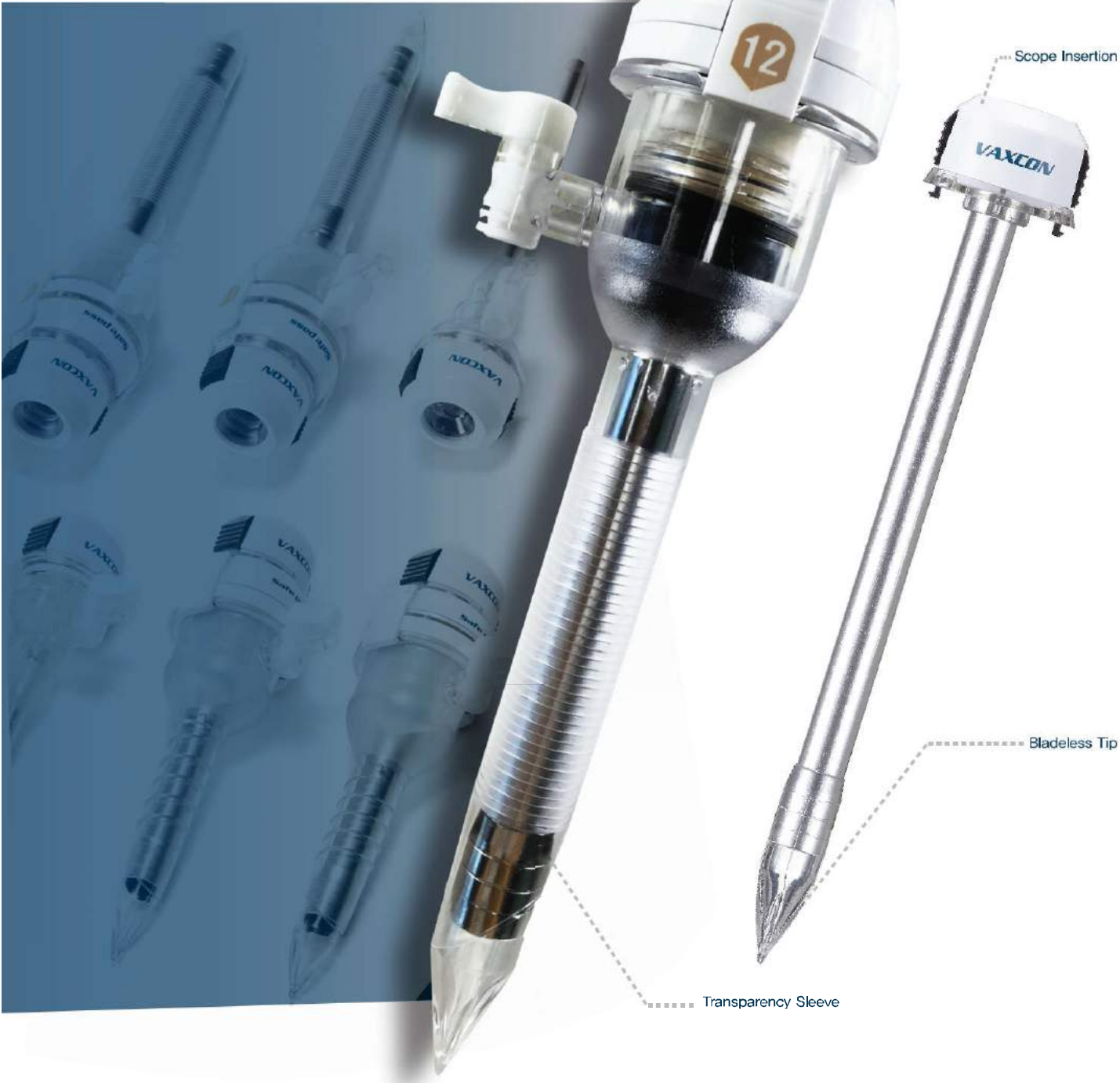


VAXCON

Endoscopic Surgical Instrument



BLADELESS TROCAR



One Touch Release Button

Scope Insertion

Bladeless Tip

Transparency Sleeve

BLT 312

*Above photo is only applicable to some models.(BLT 310, 312, 410, 412)



One Touch Release Button

It enables the operator to separate or combine Trocar with his/her one hand to separate the sleeve from the main body – Easy to take out the tissue.



Scope Insertion

It enables to mount the scope on the knife. The operator can observe damage to abdominal wall during insertion – Safe and convenient for operation.



Transparency Sleeve

Sleeve structure that is improved in abdominal wall fixing strain –Stability and convenience of operation is increased. It enables to select/use the sleeve in a variety of lengths and shapes depending on the purpose of use.



Bladeless Tip

With its precise bladeless tip design, it doesn't need a large strength during insertion process. It shows high safety compared with steel-made blade.



BLADELESS TROCAR

Type	Model	Inner Diameter	Sleeve Length	Sleeve Type	
Laparoscopy	BLT 305	5 mm	100mm	Serration	
	BLT 310	10mm	100mm		
	BLT 312	12mm	100mm		
	BLT 305 -1	5 mm	75mm		
	BLT 310 -1	10mm	75mm		
	BLT 312 -1	12mm	75mm		
	BLT 405	5 mm	56mm	Screw	
	BLT 410	10mm	56mm		
	BLT 412	12mm	56mm		
	BLT 405 -1	5 mm	75mm		
	BLT 410 -1	10mm	75mm		
	BLT 412 -1	12mm	75mm		
	Laparoscopy	BLT 505	5 mm	56mm	Smooth
		BLT 510	10mm	56mm	
		BLT 512	12mm	56mm	
		BLT 505 -1	5 mm	75mm	
		BLT 510 -1	10mm	75mm	
		BLT 512 -1	12mm	75mm	
Thoracoscopy	BLT 605	5 mm	56mm	Screw	
	BLT 610	10mm	56mm		
	BLT 612	12mm	56mm		
Laparoscopy	BLT 705	5 mm	100mm	Smooth	
	BLT 710	10mm	100mm		
	BLT 712	12mm	100mm		
	BLT 705 -1	5mm	75mm		
	BLT 710 -1	10mm	75mm		
	BLT 712 -1	12mm	75mm		

S 1Cannular
 D 1Knife + 2Cannular
 T 3Cannular
 Not Included

SafePass[®] TROCAR



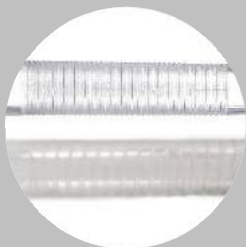
Free Size Seal System

Sleeve Separation System

Convenient insertion of instrument

Transparency Sleeve

BTR 112



Transparency Sleeve

Sleeve is developed to be rigidly fixed improving safety and convenience of operation.



Free Size Seal System

It enables to conveniently use 4.5~12mm Instrument without a separate converter.



Sleeve Separation System

It enables to conveniently and usefully use as the sleeve and main body can be easily separated.



Convenient insertion of instrument.

Safe pass[®]

Safe pass[®]
TROCAR

Model	Inner Diameter	Sleeve Length	Sleeve Type
BTR 105 S D T	5 mm	100mm	Serration
BTR 110 S D T	10mm	100mm	
BTR 112 S D T	12mm	100mm	
BTR 205 S D T	5 mm	70mm	
BTR 210 S D T	10mm	70mm	
BTR 212 S D T	12mm	70mm	
BTR 305 S D T	5 mm	100mm	Screw
BTR 310 S D T	10mm	100mm	
BTR 312 S D T	12mm	100mm	
BTR 405 S D T	5 mm	70mm	
BTR 410 S D T	10mm	70mm	
BTR 412 S D T	12mm	70mm	

S 1Cannular **D** 1Knife + 2Cannular **T** 3Cannular

SAFE POUCH BAG



SPB10M



Auto Open System

Bag is designed to be spreaded automatically during insertion into abdominal cavity. No need to spread the bag with a separate instrument.



Pouch Hold-down Device

It enables to manipulate the system with one hand and control the entrance of bag suitable for the shape of specimen.



Unique Size of 5S

SPB 5S is unique model (5cm diameter) which can be open with 'Auto open' function.

VAXCON

	Model	Outer Diameter	Volume	Bag Type
SAFE POUCH BAG	SPB 5S	5mm	60ml	
	SPB 10S	10mm	230ml	
	SPB 10M	10mm	300ml	
	SPB 10L	10mm	1L	
	SPB 10XL	10mm	2,5 L	

SAFE WOUND RETRACTOR



SWR 090



Single Port Interface

It enables convenient laparoscopic surgery using single port as it is perfectly interfaced with single port.



Self Fix

Made of soft material that minimizes damage of tissue and maintains retraction as it is fixed spontaneously after it is mounted.



Minimal Incision

It enables a desired retraction with minimal incision.



Release Ring

The ring that can be easily separated from the single port and wound retractor.

VAXCON

Model

Inner Diameter

**SAFE
WOUND
RETRACTOR**

SWR 065

65mm

SWR 090

90mm

SWR 118

118mm

SAFE SINGLE PORT



SSP 400



Flexible Movement

Soft and transparent material like glove – Space between sleeves can be secured up to 35mm ~120mm preventing strike between operating devices .



Universal Seal

Consisting of 5mm 2EA / 12mm 2EA Sleeve, It enables to use 5~12mm Instrument in the desired area (12mm Sleeve).



One Touch Release

Glove release device consists of upper part and lower part – It enables easy disassembly/combination with one touch and easy extraction of specimen.

VAXCON

Model

Port configuration

**SAFE
SINGLE PORT**

SSP 400

**5 mm Port 2EA
Universal Seal Port 2EA
(5 ~12 mm)**

SSP 500

Quality Control System of BNR Co., Ltd.

RESISTANCE & DURABILITY TEST

Automatic resistance and durability test machine



Fix the trocar with the jig. It means the test is ready.



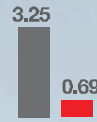
You can choose 'Resistance test' or 'Durability test' with touching the screen.



Record Keeping Monitor

After the Resistance and Durability test, this automatic machine continues to keep record through the end of testing.

1 Forward Direction

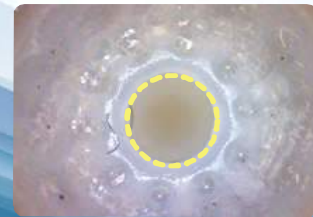


Reverse Direction



■ Previous Product
■ Improved Product

2



With this test machine, we could check the 1 figure of resistance (after resistance test) and 2 shape of circle silicone (after durability test)

AIR LEAKAGE TEST



And we also test air leakage of every products.



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