

See the difference



UROLOGY

Instrument Product Guide

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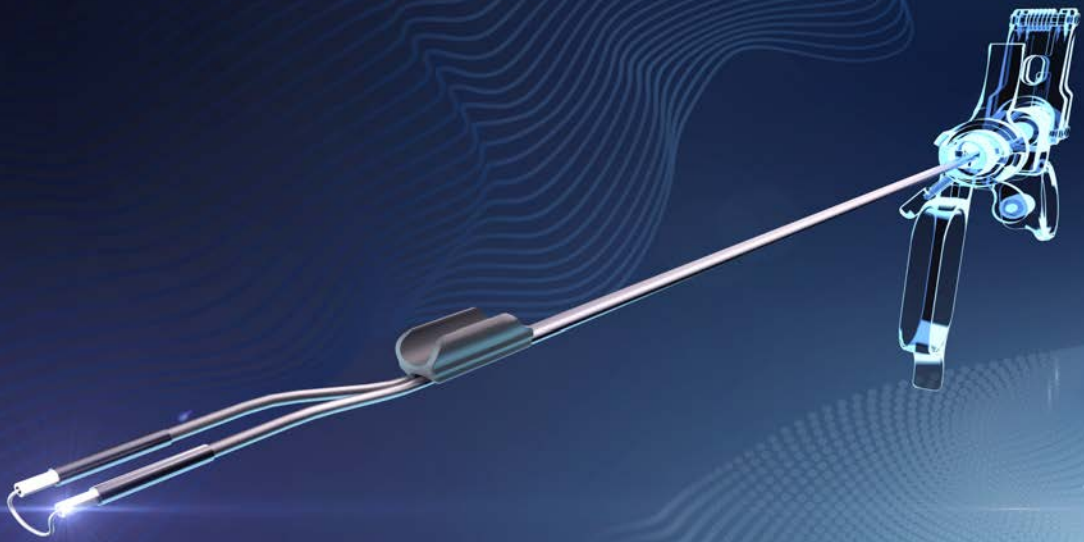
Exceptional resolution, deflection and comfort

Strauss Surgical was founded with a singular belief – that access to groundbreaking medical device technology should be affordable. We offer an exclusive selection of precision engineered ureteroscopes and high definition (HD) endoscopes, designed to perform at the highest of surgical standards. Developed from the finest materials, each instrument in our urological lineup has been meticulously engineered and crafted to deliver optimal results.



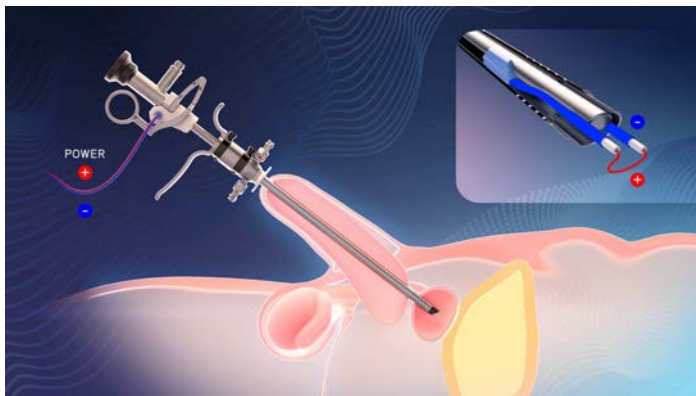


Bipolar System



Strauss Bipolar

This bipolar system delivers precise energy concentration at the tip of the electrode for the least amount of thermal spread to the tissue. This leads to a more precise cut which allows the surgeon a greater amount of control during procedures. Strauss Surgical offers the finest single stem bipolar classic style electrode in the US market.



This bipolar system provides a regulated current flow to the tip of the electrode. This gives you precise energy for the cut and coagulation. The Strauss bipolar system also alleviates unnecessary energy being in contact with patient tissue since it does not use the sheath as the return like hybrid bipolar systems.

Generator

- The generator provides instant plasma ignition, which provides a clean consistent cut that leads to minimal to no tissue charring.
- This bipolar system does not require fluid warmers for optimal performance unlike other systems.





Generator

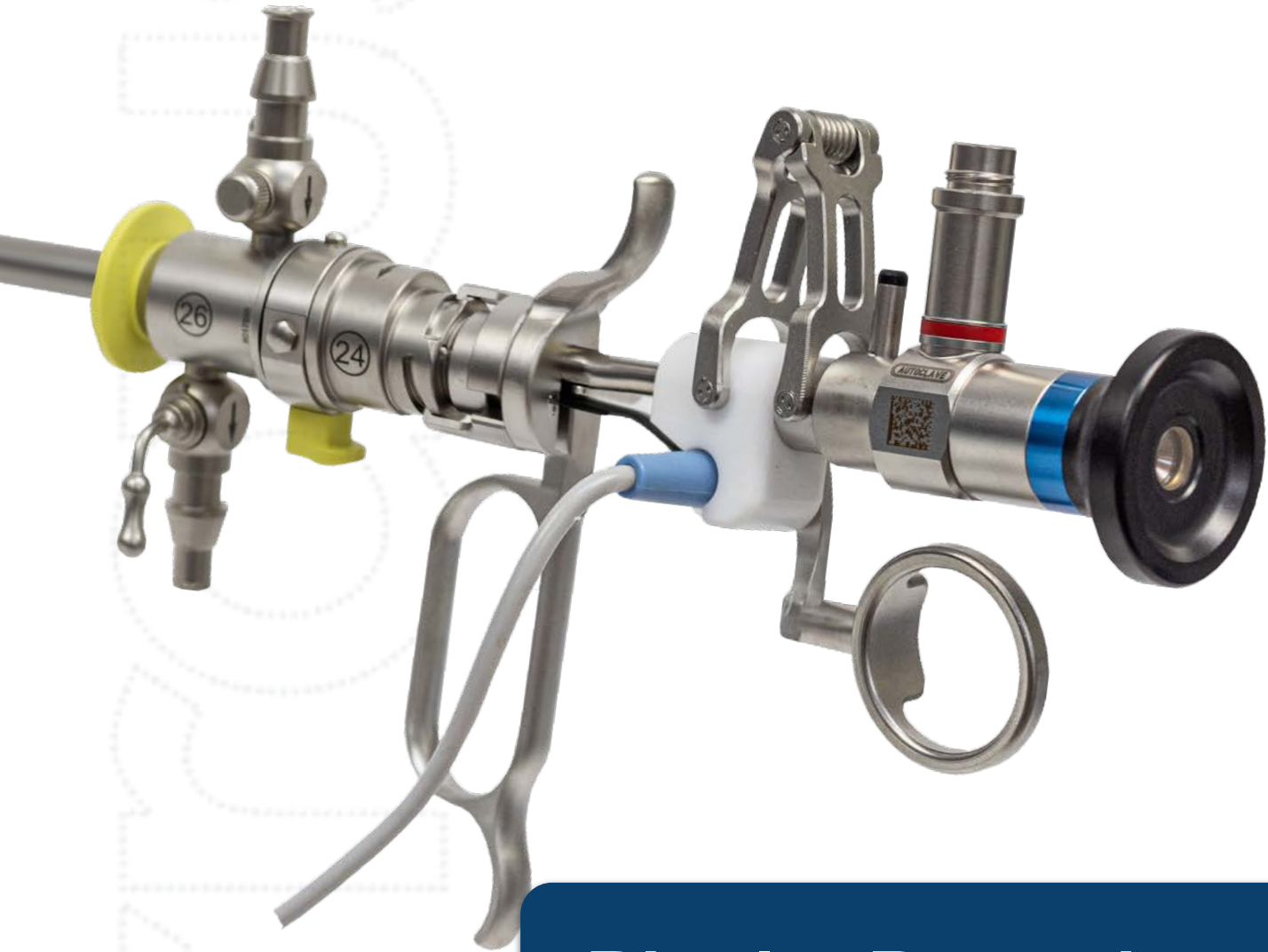
Part Number	Description
MCB	Electrical Surgical unit

Passive Working Element

Part Number	Description
VP1S	Passive working element, compatible with Karl Storz
VP3S	Passive working element, compatible with Olympus

Bipolar Electrodes

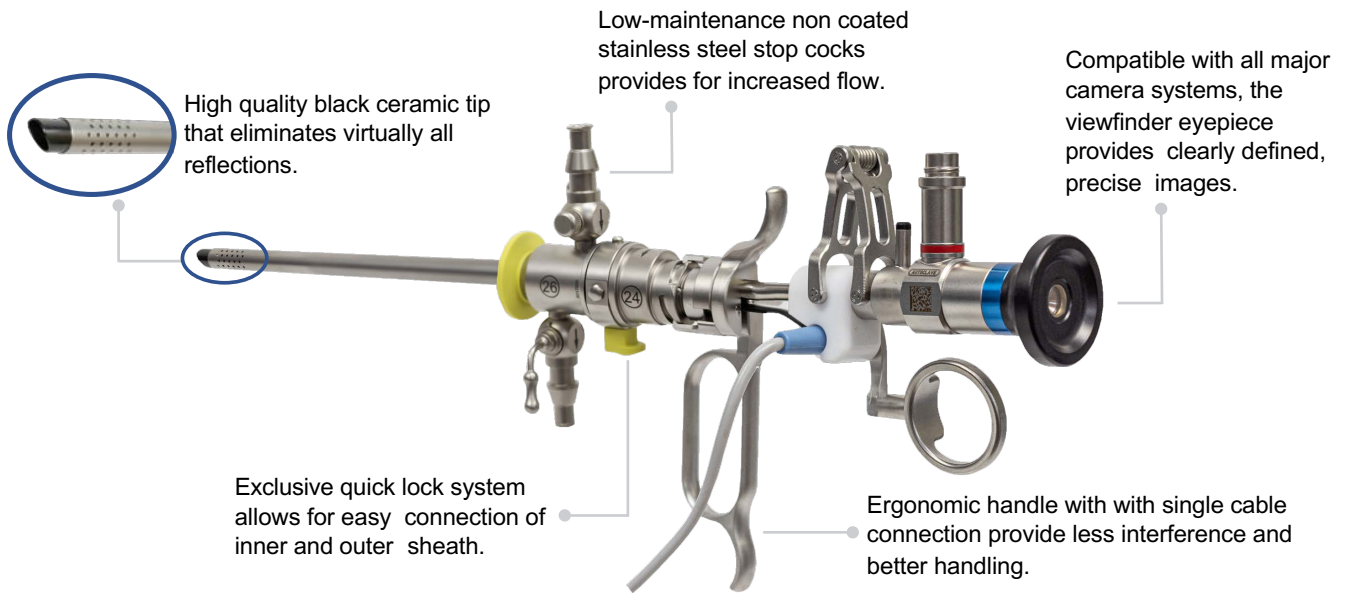
Part Number	Description
MV1S	Thin bipolar cutting loop
MV2S	Thick bipolar cutting loop
MVVS	Vaporization bipolar electrode
MVKS	Knife bipolar electrode



Bipolar Resection

24/26Fr. Bipolar Resection

Precision engineered, incorporating state of the art technology to maximize the surgeon's diagnostic capabilities.



Cystoscope

Part Number	Diameter	View	Length
STS-2040-302BA	4.0 mm	30°	302 mm

24/26Fr. Bipolar Bayonet-Lock Sheaths

Part Number	Description	Size
STS-URO-340-20-TL-SET	Resectoscope sheath set	26 Fr.

Visual Obturators

Part Number	Description	Size
STS-URO-230-24	Visual obturator with 1 instrument channel for 4mm cystoscope	24/26 Fr.
STS-URO-225-24	Visual obturator no instrument channel	24/26Fr.

Working Element





Part Number	Description
VP1S	Passive working element, compatible with Karl Storz
VP3S	Passive working element, compatible with Olympus

24/26Fr. Bipolar Resection



- The bipolar electrode is the result of 5 years of R&D.
- Each electrode is entirely manufactured in Europe.
- 100% of the electrodes are quality control tested at 4000 volts to ensure patient safety and the longevity of the product.
- Single use cables are attached to the electrode: this prevents several issues associated with reusable cables as well as a reduced cost per procedure.

Bipolar Electrodes

Part Number	Description	
MV1S	Thin bipolar cutting loop	
MV2S	Thick bipolar cutting loop	
MVVS	Vaporization bipolar electrode	
MVKS	Knife bipolar electrode	

Bipolar Resection Accessories

Accessories

Part Number	Description
STS-URO-410-15	Bladder Syringe Bayonet Lock 150 ml
STS-URO-400-05-SET	Elik Evacuator kit complete with sheath connection and locking device
STS-URO-400-10	Elik evacuator Sheath Connection; Bayonett-Lock
STS-URO-400-10-QL	Elik evacuator Sheath Connection; Quick-Lock
STS-URO-940-01	Luer Lock Tubing Connector
STS-URO-940-02	Luer-Lock Tubing Connector With Stopcock

Recommended Set

The Strauss Surgical recommended bipolar resection set.



Bipolar Resection Recommended Set

Part Number	Description	Size
STS-2040-302BA	HD 30° Cystoscope	4mm x 302mm
STS-2040-302ESA	HD 12° Cystoscope	4mm x 302mm
STS-URO-340-20-TL-SET	Resectoscope sheath set includes: outer sheath, rotatable Inner sheath with ceramic tip and obturator	26Fr.
STS-URO-230-24*	Visual obturator with 1 instrument channel for 4mm cystoscope	24/26 Fr.
Working Element	Passive working element compatible with Karl Storz or Olympus	26Fr.
STS-URO-400-10 or 10QL	Sheath connection with locking for Ellik Evacuator; in bayonett-lock or quick-lock	-
STS-URO-940-02	Luer-lock tubing connector with stopcock	-
LIGHT CABLE	Your choice of a clear case fiber optic	10Ft.
STS-STB-H52-100P	Sterilization tray for cystoscopy and resectoscope kits	-

* Visual obturator has 5 Fr. working channel which can be used for instrument insertion or a laser bridge.

Light Cables

Part Number	Description	Size
STS-LC-KK-10CLR	Clear case fiber optic cable Storz-Storz connection	10Ft.
STS-LC-KO-10CLR	Clear case fiber optic cable, for Olympus light source and Storz/Olympus endoscope	10Ft.
STS-LC-STR-10CLR	Clear case fiber optic cable Stryker-Storz connection	10Ft.



Cystoscopes

HD Cystoscopes



General Information:

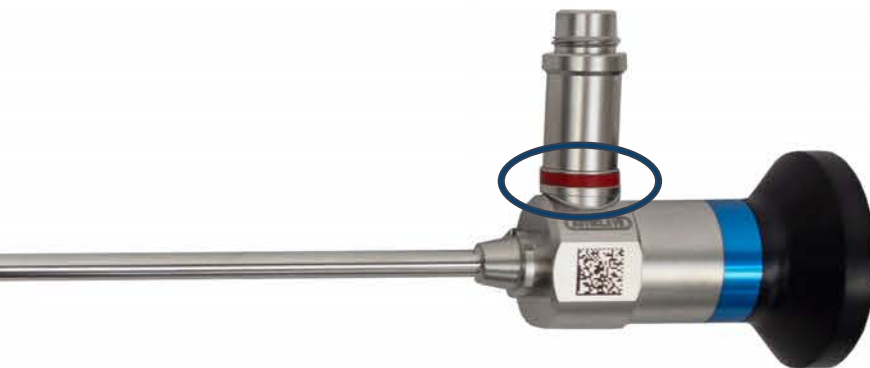
- HD Image
- Color Coded
- Compatible with different manufacturers
- Autoclavable for 18min at 134°C / 273°F

- The optical system is calibrated and aligned with the best possible resolution, thus suited for use with HD resolution cameras.
- The dimensions and optical parameters allows the scope to be compatible with other manufactures.
- Scopes are subjected to endurance tests under maximum load to ensure material compatibility.

- Outstanding performance (picture quality, insertion, irrigation)
- Safe and reliable (robust, laser welded, easy to clean)
- Durability extends life time, resulting in low cost of ownership.
- Optimized optical system for very bright images with rich contrast.

Color Coding

Color coding allows for fast and easy identification of the scope's field of view orientation.



Angle	Letter	Color
0°	A	Green
12°	E	Black
30°	B	Red
70°	C	Yellow

4mm HD Cystoscopes



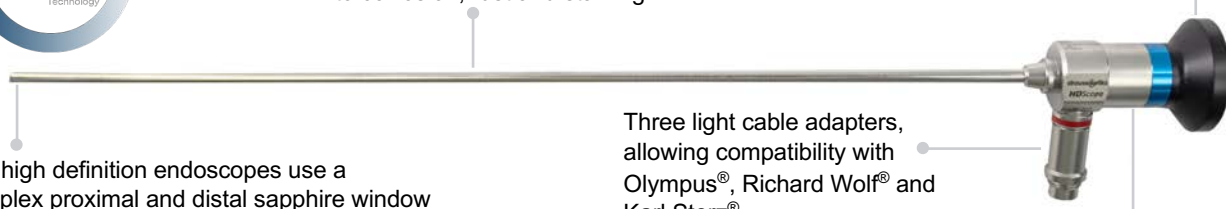
Low-maintenance non coated stainless steel body is resistant to corrosion, rust and staining.

Scratch-resistant insulated synthetic ocular objective and a distal sapphire-window allow for no internal glass corrosion always ensuring a precise clearly defined image.

Our high definition endoscopes use a complex proximal and distal sapphire window system that is scratch free, less fogging and prevents corrosion and fluid invasion.

Three light cable adapters, allowing compatibility with Olympus®, Richard Wolf® and Karl Storz®.

Scope body and sheath are laser-welded tightly to ensure that all parts are properly secured together.



Karl Storz® Compatible Cystoscope

Part Number	Diameter	View	Length
STS-2040-302AA	4.0 mm	0°	302 mm
STS-2040-302BA	4.0 mm	30°	302 mm
STS-2040-302CA	4.0 mm	70°	302 mm
STS-2040-302ESA	4.0 mm	12°	302 mm

Olympus® Compatible Cystoscope

Part Number	Diameter	View	Length
STS-2040-280ASA-OLY	4.0 mm	0°	280 mm
STS-2040-283BA-OLY	4.0 mm	30°	283 mm
STS-2040-283CA-OLY	4.0 mm	70°	283 mm
STS-2040-280ESA-OLY	4.0 mm	12°	280 mm

2.9mm HD Cystoscopes



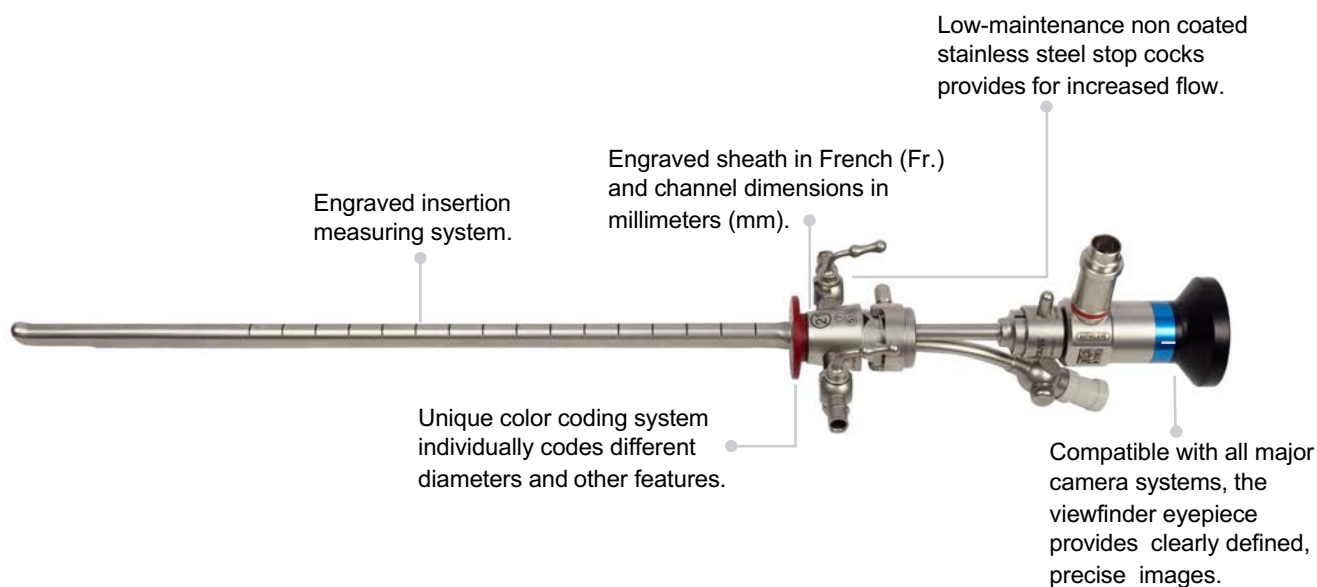
Karl Storz® Compatible Cystoscope

Part Number	Diameter	View	Length
STS-2029-302AA	2.9 mm	0°	302 mm
STS-2029-302BA	2.9 mm	30°	302 mm



Cystoscopy

4mm Cystoscopy



Cystoscopes

Part Number	Diameter	View	Length
STS-2040-302AA	4.0 mm	0°	302 mm
STS-2040-302BA	4.0 mm	30°	302 mm
STS-2040-302CA	4.0 mm	70°	302 mm

Cystoscopy Sheaths

Part Number	Color Code	Channel sizes	Size
STS-URO-001-17-SET	Yellow	5Fr.	17 Fr.
STS-URO-001-19-SET	Green	6Fr.	19 Fr.
STS-URO-001-21-SET	Red	7Fr.	21 Fr.
STS-URO-001-23-SET	Blue	9 Fr.	23 Fr.
STS-URO-001-25-SET	White	10Fr.	25 Fr.

Visual Obturator

Part Number	Color Code	Working Length	Size
STS-URO-040-17	Yellow	251mm ± 0,5mm	17 Fr.
STS-URO-040-19	Green	251mm ± 0,5mm	19 Fr.
STS-URO-040-21	Red	251mm ± 0,5mm	21 Fr.
STS-URO-040-23	Blue	251mm ± 0,5mm	23 Fr.
STS-URO-040-25	White	251mm ± 0,5mm	25 Fr.

4mm Cystoscopy

Albarran Deflector

Part Number	Description
STS-URO-216-ALB	Albarran Deflector with 1 x instrument channel with Notches.
STS-URO-217-ALB	Albarran Deflector with 2 x instrument channel with Notches.

Bridges

Part Number	Number of Channels	Size
STS-URO-030-00	-	17 – 25Fr.
STS-URO-030-01	1	17 – 25Fr.
STS-URO-050-02	2	17 – 25Fr.

Optical Forceps

Part Number	Description	Size
STS-URO-BIO-43-OPT	Optical Biopsy Spoon Forceps, Double Action Jaws with Coated Handle	4.3mm
STS-URO-GRA-43-OPT	Optical Grasping Forceps, Serrated, Double Action Jaws with Coated Handle	5.3mm

4mm Cystoscopy



Scissors



Biopsy Forceps



Grasping Forceps

Flexible Scissors

Part Number	Description	Length
STS-URO-SCI-70-40	Scissors, single action	7 Fr., 40cm

Flexible Biopsy Forceps

Part Number	Description	Length
STS-URO-BIO-70-40	Biopsy forceps oval spoon, double action	7 Fr., 40cm

Flexible Grasping Forceps

Part Number	Description	Length
STS-URO-GRA-70-40AL	Grasping Forceps, alligator, double action	7 Fr., 40cm

Recommended Set

The Strauss Surgical recommended bipolar resection set.



Cystoscopy Recommended Set

Part Number	Description	Size
STS-2040-302BA	HD 30° Cystoscope	4mm x 302mm
STS-2040-302CA	HD 70° Cystoscope	4mm x 302mm
STS-URO-001-19-SET	Cystoscopy Sheath and Obturator, Green	19Fr.
STS-URO-001-21-SET	Cystoscopy Sheath and Obturator, Red	21Fr.
STS-URO-001-23-SET	Cystoscopy Sheath and Obturator, Blue	23Fr.
STS-URO-030-01 ¹	1 Instrument Channel Telescope Bridge	17 – 25Fr.
STS-URO-050-02 ¹	2 Instrument Channel Telescope Bridge	17 – 25Fr.
STS-URO-BIO-70-40	Flexible Oval Double Action Biopsy Forceps	7Fr. x 400mm
STS-URO-GRA-70-40AL	Flexible Double Action Alligator Grasping Forceps	7Fr. x 400mm
LIGHT CABLES	Your choice of a Clear Case Fiber Optic	10Ft.
STS-URO-940-02	Luer-Lock Tubing Connector With Stopcock	-
STS-STB-H52-100P ²	Sterilization Tray for Cystoscopy and Resectoscope kits	-

¹ Low angle bridge allows for easy insertion of guidewires and instruments which leads to a consistent exit of devices.

² Pending US FDA approval.

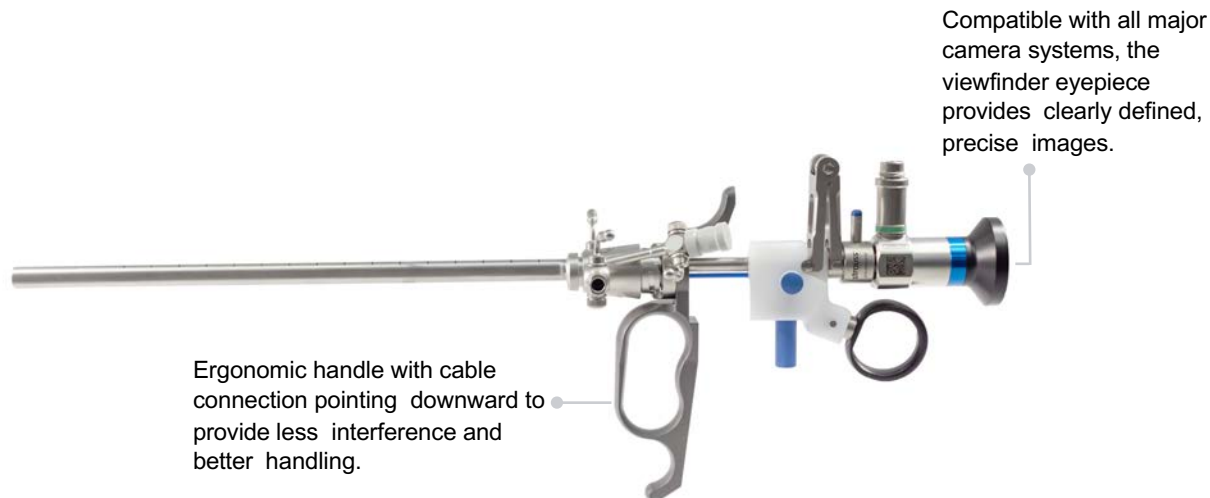
Light Cables

Part Number	Description	Size
STS-LC-KK-10CLR	Clear case fiber optic cable Storz-Storz connection	10Ft.
STS-LC-KO-10CLR	Clear case fiber optic cable, for Olympus light source and Storz/Olympus endoscope	10Ft.
STS-LC-STR-10CLR	Clear case fiber optic cable Stryker-Storz connection	10Ft.



DVIU

21 Fr. Urethrotome



Cystoscope

Part Number	Diameter	View	Length
STS-2040-302AA	4.0 mm	0°	302 mm

21Fr. Urethrotome Sheath

Part Number	Description	Size
STS-URO-730-01-SET	Continuous flow urethrotome sheath with one 5Fr. instrument channel	21 Fr.

Consisting of:

STS-URO-730-01	Outer sheath
STS-URO-730-70	Obturator

Part Number	Description	Size
STS-URO-730-03	Outer sheath, half round for placing balloon catheter	21 Fr.

Bridge






Part Number	Description	Size
STS-URO-730-02	Telescope adapter with 1 instrument channel for 5Fr. Flexible instrument	17-25 Fr.

Working Element

Part Number	Description
STS-URO-235-60	Resectoscopy passive working element

21Fr. Urethrotome

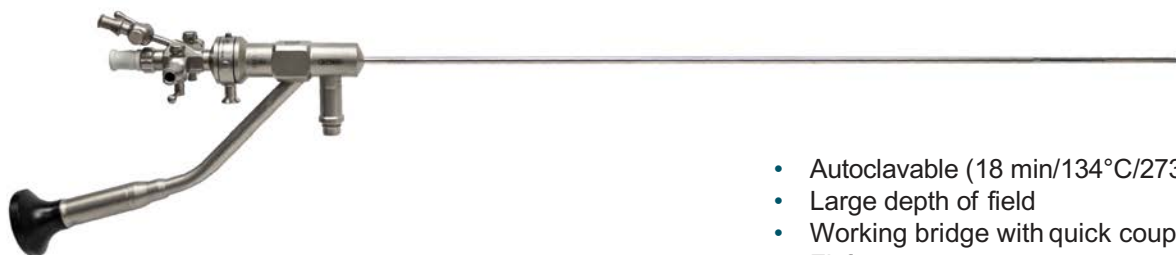
Urethrotome Instruments

Part Number	Description	
STS-URO-711-01	Straight cold knife	
STS-URO-711-02	Wave shaped cold knife	
STS-URO-711-03	Round shaped cold knife	
STS-URO-711-04	Sickle shaped cold knife	
STS-URO-711-05	Loop shaped cold knife	



Ureteroscopy

Semi-Rigid Ureteroscopes



- Autoclavable (18 min/134°C/273°)
- Large depth of field
- Working bridge with quick coupling
- Fixfocus

Semi-Rigid Ureteroscopes

Part Number	Size	Working Length	Working Diameter	Channels	Field of View	Viewing Direction	Image Bundle
STS-6060-310HA	6 Fr.	310 mm	6.0 – 7.5 Fr.	1x 4 / 2x2.4 Fr.	100°	8°	17,000 px
STS-6060-425HA	6 Fr.	425 mm	6.0 – 7.5 Fr.	1x 4 / 2x2.4 Fr.	100°	8°	17,000 px
STS-6075-310HA	7.5 Fr.	310 mm	7.5 – 9.8 Fr.	1x5 / 2x3 Fr.	85°	8°	30,000 px
STS-6075-425HA	7.5 Fr.	425 mm	7.5 – 9.8 Fr.	1x5 / 2x3 Fr.	85°	8°	30,000 px

Ureteroscope Accessories

Part Number	Description
STS-ACC-6000-CAPD-000	Sealing cap for uretero-renoscope package of 10 pcs
STS-ACC-6000-MEMD-000	Three slot membrane valve, 10 pieces

Ureteroscopy



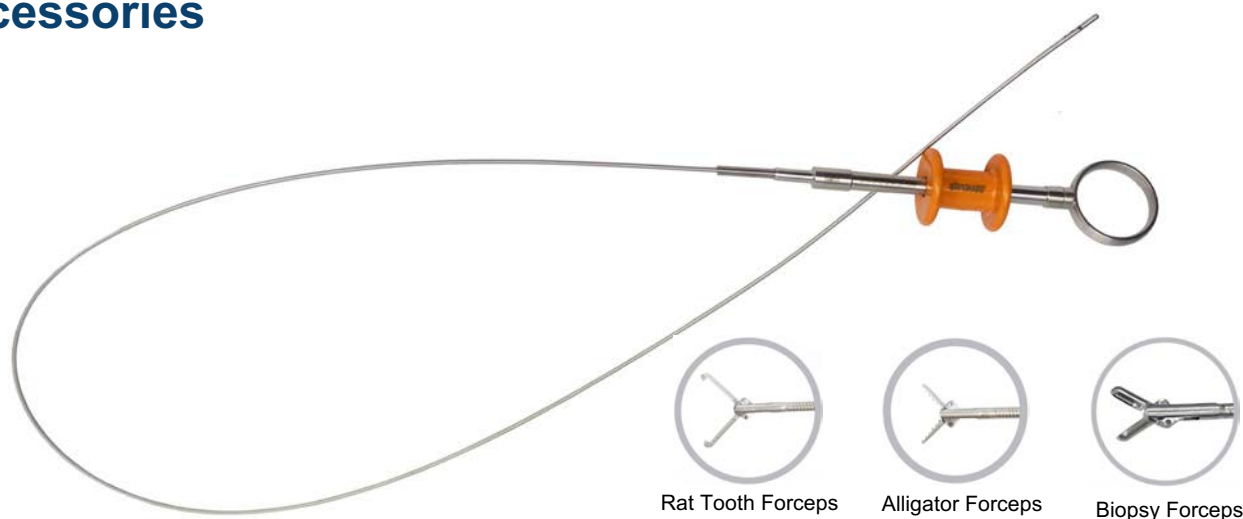
Flexible & Semi-Rigid Instruments

Flexible	Semi-Rigid	Description	Size
STS-URS-GRA-40-60AF	STS-URS-GRA-40-60AS	Alligator grasping forceps, double action	4 Fr., 60cm
STS-URS-GRA-50-60AF	STS-URS-GRA-50-60AS	Alligator grasping forceps, double action	5 Fr., 60cm
STS-URS-GRA-40-60LF	STS-URS-GRA-40-60LS	Long grasping forceps, double action	4 Fr., 60cm
STS-URS-GRA-50-60LF	STS-URS-GRA-50-60LS	Long grasping forceps, double action	5 Fr., 60cm
STS-URS-GRA-40-60RF	STS-URS-GRA-40-60RS	Grasping forceps, 1x1 teeth, double action	4 Fr., 60cm
STS-URS-GRA-50-60RF	STS-URS-GRA-50-60RS	Grasping forceps, 1x1 teeth, double action	5 Fr., 60cm
STS-URS-GRA-40-60CAF	STS-URS-GRA-40-60-CAS	Cupped alligator grasping forceps, double action	4 Fr., 60cm
STS-URS-GRA-50-60CAF	STS-URS-GRA-50-60-CAS	Cupped alligator grasping forceps, double action	5 Fr., 60cm
STS-URS-BIO-40-60F	STS-URS-BIO-40-60S	Biopsy forceps oval spoon, double action	4 Fr., 60cm
STS-URS-BIO-50-60F	STS-URS-BIO-50-60S	Biopsy forceps oval spoon, double action	5 Fr., 60cm
STS-URS-SCI-40-60F	STS-URS-SCI-40-60S	Scissors, Single action	4 Fr., 60cm
STS-URS-SCI-50-60F	STS-URS-SCI-50-60S	Scissors, Single action	5 Fr., 60cm



Accessories

Accessories



Grasper for Flexible Cystoscopy

Part Number	Description	Size
STS-URS-BIO-50-70F	Biopsy double action forceps	5 Fr., 70cm
STS-URS-GRA-50-70RF	Rat tooth grasping forceps, 1x1 teeth, double action	5 Fr., 70cm
STS-URS-GRA-50-70AF	Alligator grasping forceps	5 Fr., 70cm

Accessories

Urology Instrumentation Replacement Accessories

Part Number	Description
STS-URO-940-01	Luer-lock tubing connector
STS-URO-940-02	Luer-lock tubing connector with stopcock
STS-URO-011-90	Inside part of the stopcock for small sheaths
STS-URO-011-92	Inside part of the stopcock for bigger sheaths
STS-URO-011-80	Cap to fix the inside part of the stopcock for cystoscope sheaths
STS-URO-199-00	Rubber cap for instrument channel
Light Cable Adaptor	Karl Storz® connection light cable adaptor
Light Cable Adaptor	Olympus® / Richard Wolf® connection light cable adaptor

Clear Fiber Optic Light Cables

Part Number	Description
STS-LC-KD-10CLR	For Wolf/Dyonics Light Source to Karl Storz Endoscopes
STS-LC-KK-10CLR	For Karl Storz Light Source to Karl Storz Endoscopes
STS-LC-KK-3.8-10CLR	3.8mm for Karl Storz Light Source to Karl Storz Endoscopes
STS-LC-KO-10CLR	For Olympus Light Source to Storz/Olympus Endoscopes
STS-LC-STR-10CLR	For Stryker Light Source to Karl Storz Endoscopes
STS-LC-STR-3.8-10CLR	3.8mm for Stryker Light Source to Karl Storz Endoscopes

Sterilization Tube

Part Number	Description
STS-URO-2499-00-ST	Sterilization Stainless Steel Tube for Electrode/Cold Knives

strauss[®]
S U R G I C A L

+1 (305) 436-0599
sales@straussurgical.com
www.straussurgical.com