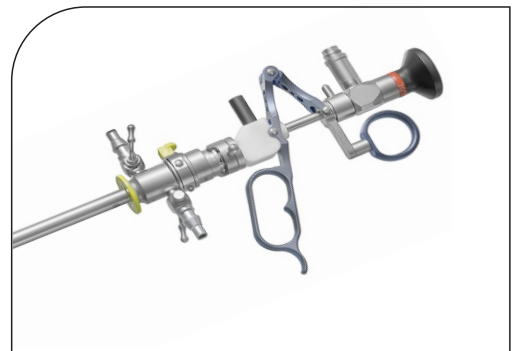




# ENDOSCOPY- SYSTEMS

Minimal - Invasive Surgery

# UROLOGY



# UMD

Unique Medical Devices

## Content :

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# Endoscope



## Cystoscopes:

Ø mm	Length mm	Direction of View	Field of View	To System	Cat. No.
2.9	302	0	Wide Angle	Storz	41.0160a
2.9	302	30	Wide Angle	Storz	41.0161a
4	302	0	Wide Angle	Storz	41.0049a
4	302	12	Wide Angle	Storz	41.0059a
4	302	30	Wide Angle	Storz	41.0055a
4	302	70	Wide Angle	Storz	41.0121a

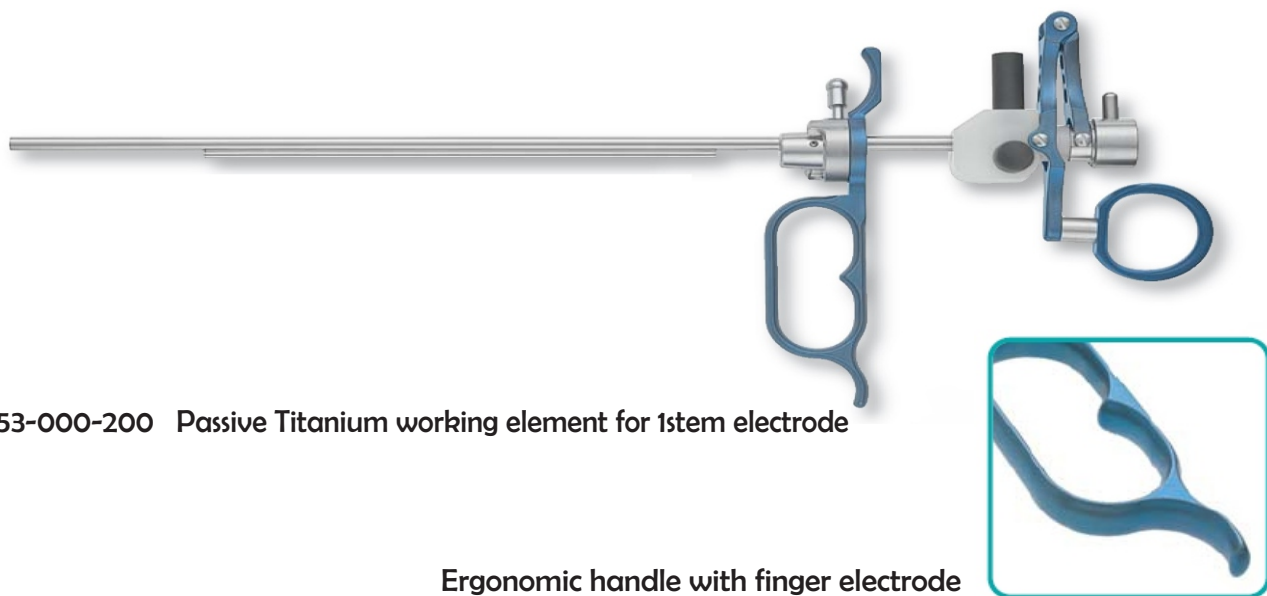
# T.U.R.P. Instruments



## Working Element

- \* Light weight & Unique design for maximum comfort during long surgeries
- \* Titanium handle parts
- \* Sealed Locking mechanism
- \* Ergonomic handle design with finger rest for maximum comfort even on long surgeries
- \* Rotating titanium thumb ring

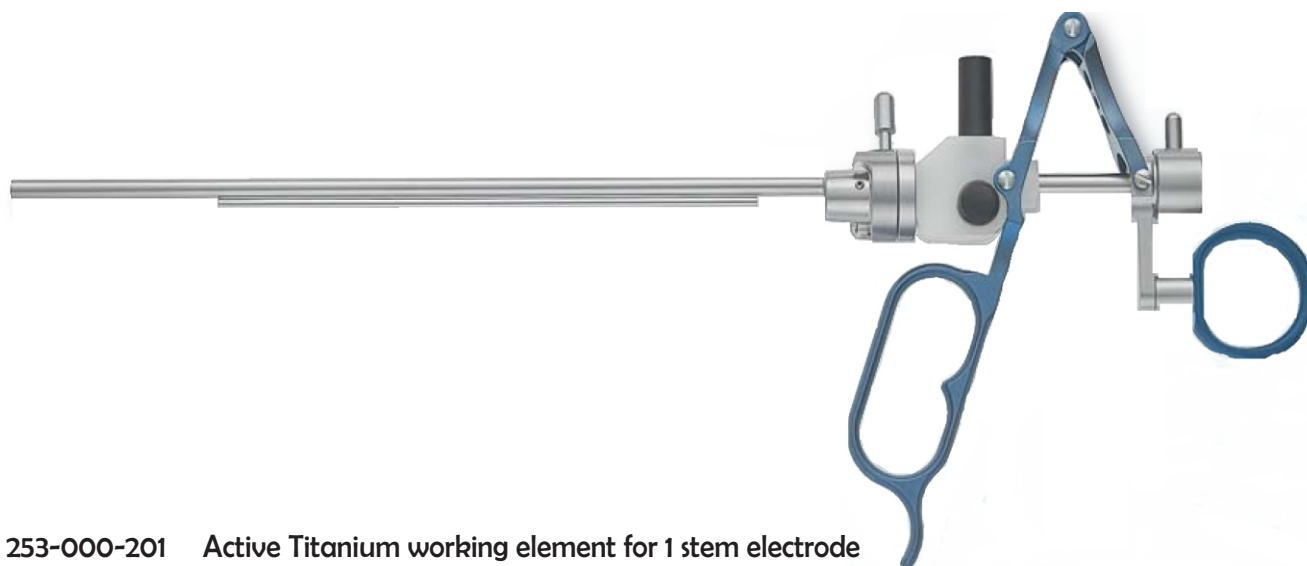
## Passive Working Element (Thumb Operated)



253-000-200 Passive Titanium working element for 1stem electrode

Ergonomic handle with finger electrode

## Active Working Element (Finger Operated)



253-000-201 Active Titanium working element for 1 stem electrode

## Resectoscope Sheath,26 Charr.



253-000-256

\* Continuous Flow Resectoscope Sheath,26 Charr.

\* ROTATING inner sheath for 360° TURP /TURB. Inner shaft with non reflecting. Oblique ceramic tip.

\* QuickLock mechanism for easy and fast assembling/ disassembling.



253-000-356

\* Continuous Flow Resectoscope Sheath FIXED,26 Charr.

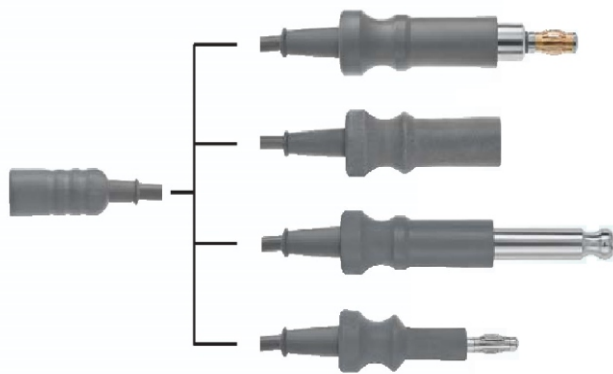
inner sheath with non reflecting, oblique ceramic tip, 24Charr

\* QuickLock mechanism for easy and fast assembling/ disassembling.



Inner shaft with oblique ceramic tip

## Monopolar High Frequency HF cord



253-610-001 with 5mm plug for Erbe HF Unit

253-610-001 with 4mm plug for Martin HF Unit

253-610-003 with 8mm plug for Valleylab HF-Unit

253-610-004 with 4mm plug for older HF Unit

Safety against bucking



Sterile disposable TUR Electrode the system. Constant good cutting & coagulation performance.

Cutting Loop 253-300-201

Collins Knife electrode 253-300-203

Ball Electrode, 3mm 253-300-205

Ball Electrode, 5mm 253-300-206

Rollar Electrode, 5mm 253-300-207

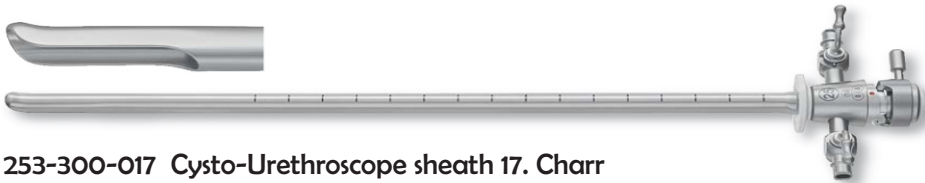
Rollar Electrode, 3mm 253-300-208

Vapor - Electrode, Band width 1.2mm  
253-300-213



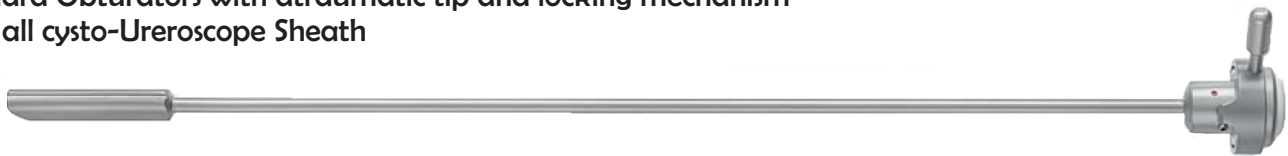
# Cystoscopy Sheath, Bridge

Standard Cysto-Urethroscope sheath with 2 lateral stopcock and standard obturator with automatic tip



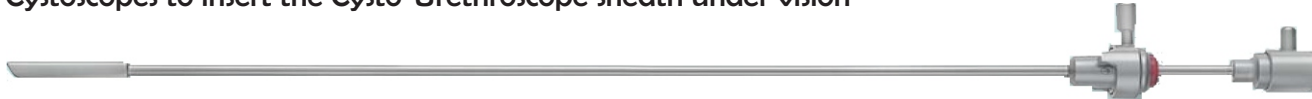
- 253-300-017 Cysto-Urethroscope sheath 17. Charr
- 253-300-019 Cysto-Urethroscope sheath 19. Charr
- 253-300-020 Cysto-Urethroscope sheath 20. Charr
- 253-300-022 Cysto-Urethroscope sheath 22. Charr
- 253-300-025 Cysto-Urethroscope sheath 25. Charr

Standard Obturators with atraumatic tip and locking mechanism to fit all cysto-Ureteroscope Sheath



- 253-000-017 Obturators 17. Charr
- 253-000-020 Obturators 20. Charr
- 253-000-025 Obturators 25. Charr
- 253-000-019 Obturators 19. Charr
- 253-000-022 Obturators 22. Charr

Visual Obturator with telescope locking mechanism to fit all 4mm Cystoscopes to insert the Cysto-Urethroscope sheath under vision



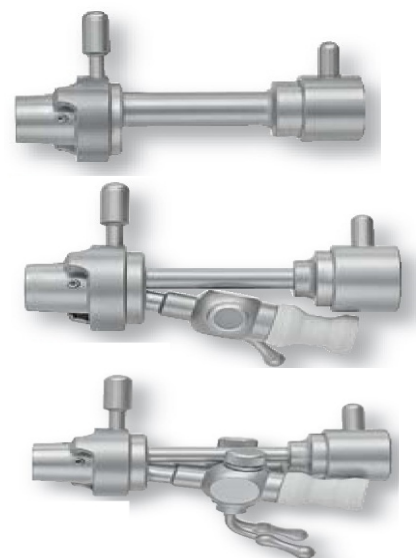
- 253-000-217 Obturators 17. Charr
- 253-000-220 Obturators 20. Charr
- 253-000-225 Obturators 25. Charr
- 253-000-219 Obturators 19. Charr
- 253-000-222 Obturators 22. Charr

Cystoscope Bridge for all Cysto-Urethroscope Sheath  
Main feature: flat insertion angle for use of semi-rigid instrument lithotripter probes

250-000-100 Bridge without channel

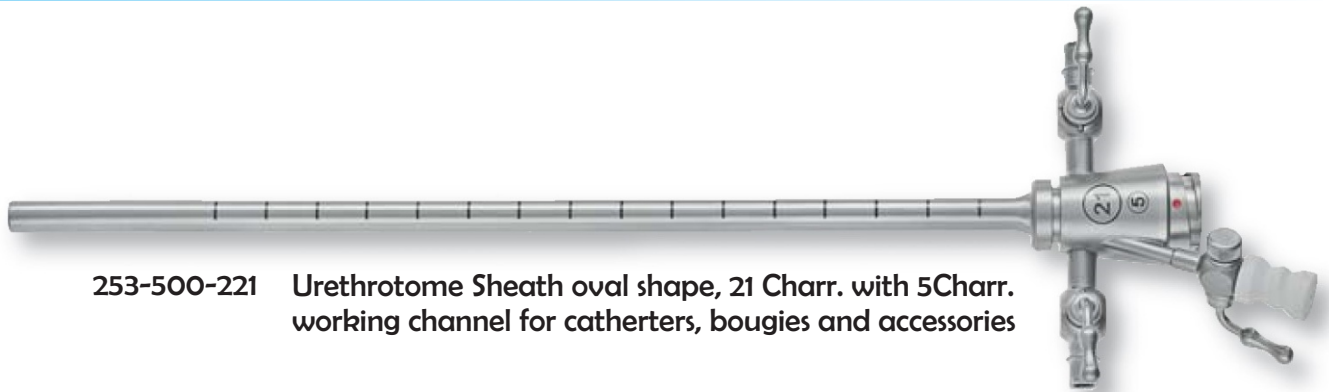
250-000-101 Bridge with 1 channel for 1 instrument with max. 12 Charr.

250-000-102 Bridge with 2 channel for 1 instrument with max. 12 Charr. or 2 instruments with max. 8 Charr.





# OIU Set & OTIS Instruments



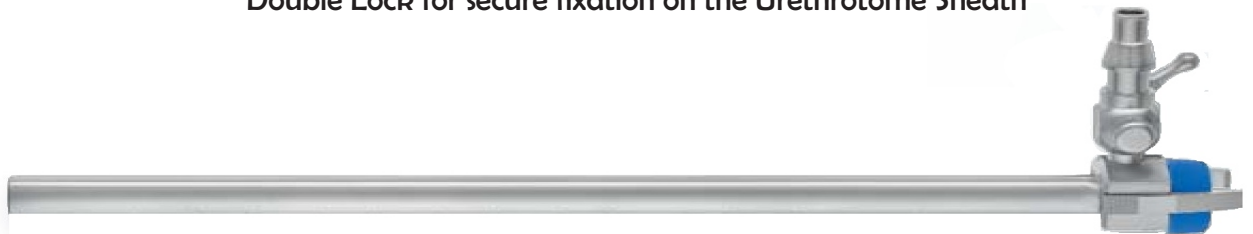
253-500-221 Urethrotome Sheath oval shape, 21 Charr. with 5Charr. working channel for catheters, bougies and accessories



253-500-321 Hollow Obturator with channel for guide wires



253-500-230 Supplementary sheath. half round, to insert Foley catheters. Double Lock for secure fixation on the Urethrotome Sheath



253-500-229 Continuous Flow supplementary sheath with Double Lock for secure fixation on the Urethrotome Sheath



253-500-225 Bridge with channel for 5Charr. accessories



1 guide stem Urethrotome knives, for use without HF



253-500-561 Sachse knife, straight



253-500-562 Sickle knife, retrograde

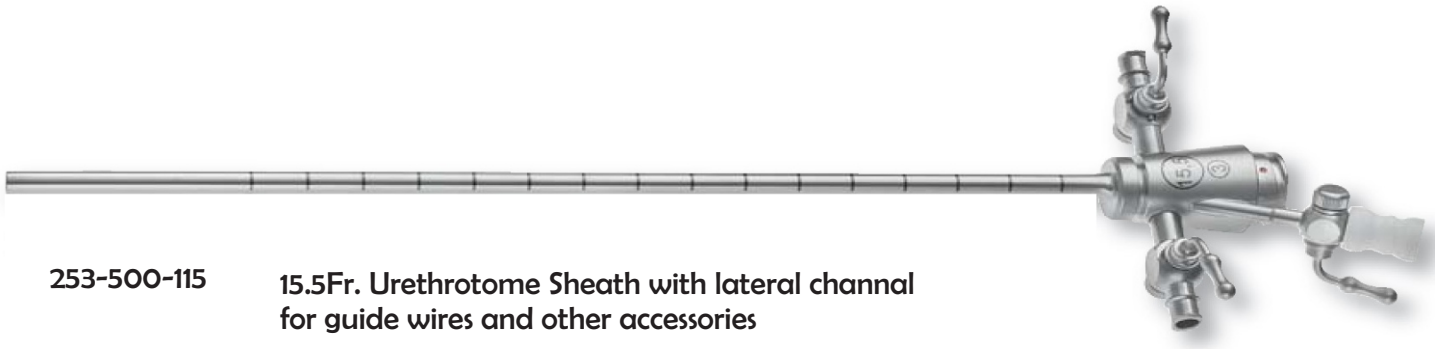


253-500-523 Half round knife, 108° cutting



253-500-524 WaveCut knife, straight

## OIU Sheath 15.5fr



253-500-115 15.5Fr. Urethrotome Sheath with lateral channel for guide wires and other accessories



253-500-315 Obturator for use with Urethrotome Sheath



1 guide stem Urethrotome knife, for use without HF

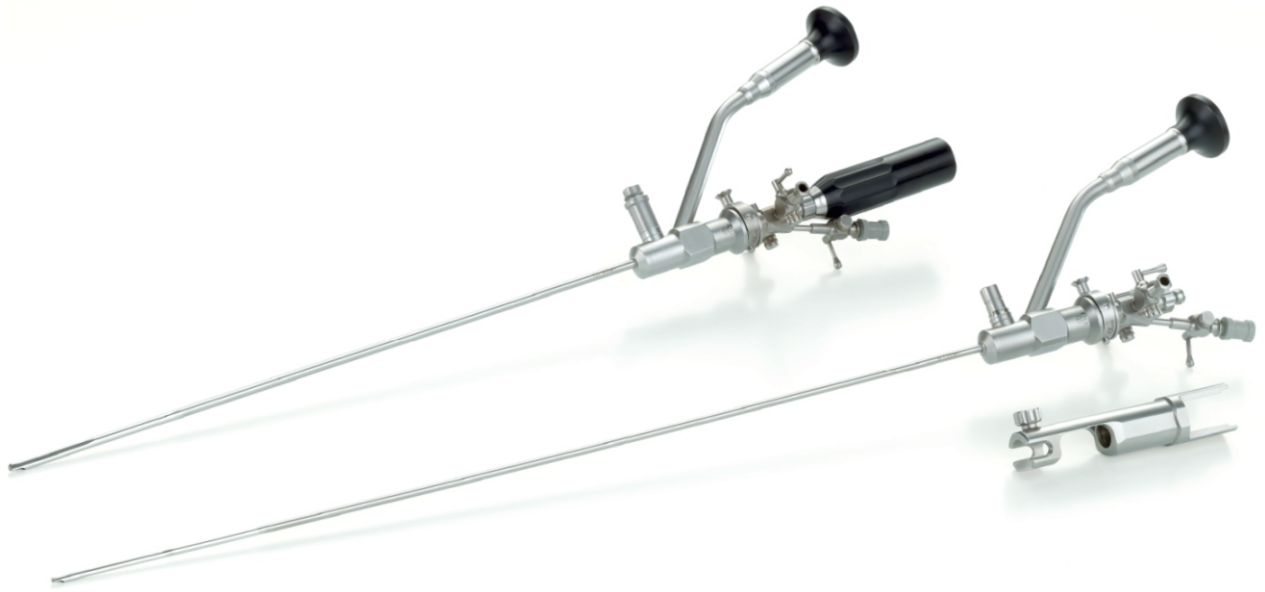


253-500-581 Sache knife, straight, 15Charr.



253-500-582 Sickle knife, retrograde, 15 Charr.

# Ureter-Renscopes



Tapered shaft

Up to 50.000 Pixel Fiber System



Instrument bridge

Atraumatic Tip Design



## Features and Benefits of the Ureter-Renscopes

- Full HD 50.000 Pixel Fiber System for brilliant picture quality
  - Semi-flexible shaft for operations in anatomical difficult areas
  - Atraumatic Tip Design for easy introduction into the ureteral orifice
  - Soft-step tapered shaft for atraumatic dilation of the ureter
  - Silicone valve system with 2 parallel sealings for leaking-free working channels
  - 2 different working lengths, suitable for upper and lower ureter-rensoscopies
  - Large working channels for use with all necessary accessories and instruments
  - Oblique irrigation/suction channels for better dilation and continuous suction
- >increased vision during bleedings

## Uretero-Renoscopes 7.5-10Fr.



**41.0614a** 7.5 Charr. Compact Uretero-Renoscopes with laterally staggered ocular part

Working diameter	: distal 7.5 Charr. : first step 9.8 Charr.
Working channel	: 1 x 5 Charr. or 2 x 3 Charr.
Viewing direction	: to working channel
Field of view	: 85°
Direction of View	: 8° to working channel

Uretero-Renoscope	
Working length	: 425 mm
Uretero-Renoscope	
Working length	: 310 mm



**14.0610a.lc2**

Adapter for EMS lithotripter Lc2



**14.0610a**

Adapter for EMS lithotripter LC1

## Uretero-Renoscopes 6-7.5 Fr.



Distal End

### 41.0614a 6.0 Charr. Uretero-Renoscopes with laterally staggered ocular part

Working diameter : distal 6.0 Charr.  
 first step 7.5 Charr.  
 Working channel : 1 x 4 Charr. or 2 x 2.4 Charr.  
 Viewing direction : to working channel  
 Field of view : 100  
 Direction of View : 8° to working channel

Uretero-Renoscope Working length : 425 mm  
 Uretero-Renoscope Working length : 310 mm

41.0617a.lc

Instrument bridge



## 4.0 Charr.Uretero-Renoscopes Full HD



### Special advantage for this ureterorenoscope

- Unique optical quality
- Automatic design for introduction into the ureteral orifice
- Soft –step tapered shaft
- Silicon valve system for working channels
- Large working channel for all accessories up to 3fr.
- Oblique irrigation/ suction channels for better dilation and condition suction
- Oblique light Connector for ergonomic handling

### Shaft Diameter / Length

Distal Tip	4.5 fr
Distal	5.0fr.
Proximal	6.0fr.
Total Working Length	45cm or31cm
Working channel	4fr.
Field of View	65°
Direction of view	5°



253-905-500

Silicone Value adaptor for URS  
Working channel

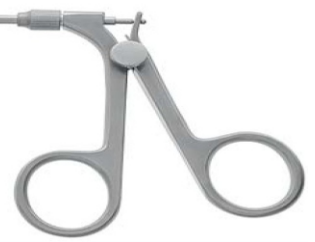


253-905-400

Silicone Value pack with 5 pieces

## Flexible Instruments for URS

Flexible Instruments for use with  
Uretero-Renoscopes 6/7.5 Charr.  
Size: 3 Charr./working length 600 mm  
OR Size: 4 Charr./working length 600 mm



Biopsy Forceps, flexible, double  
spoon, cutting, incl. handle



Biopsy Forceps, flexible, double  
spoon, cutting, incl. handle



Alligator Forceps, flexible,  
incl. handle



Biopsy Forceps, flexible, double  
spoon, cutting, incl. handle



Scissor, flexible, incl. handle



Alligator Forceps, flexible,  
incl. handle

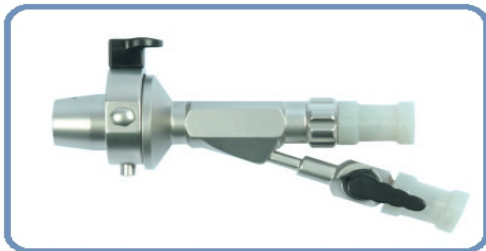


Three-Pronged Stone Grasper incl. handle

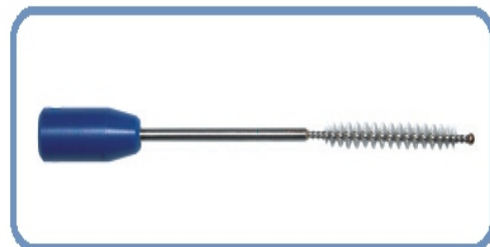


Stone Extractor, oval, incl. handle

# Nephroscope and Mini Nephroscope



Instrument bridge



Cleaning brush

## Features and Benefits of the Nephroscope

Nephroscopy is a percutaneous intervention; the main indication is the removal of kidney stones. Especially stones that are stuck in the renal pelvis or which are too big to be removed via the natural orifice ureter and urethra can be treated.

- Outstanding performance (contrast enhanced image bundle, best view, direction of view ideally aligned)
- Safe and reliable (robust, tightly sealed, laser welded, easy to use and to clean)
- High irrigation flow allows high stone-free rate
- Low cost of ownership – long lifetime
- Lightweight construction
- Best possible cleaning results and inspection possibilities by detachable instrument bridge

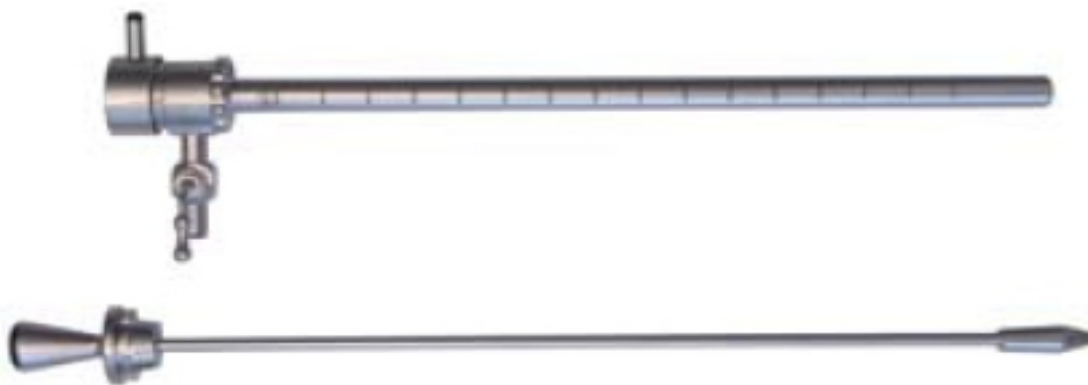




41.0630a Nephrosopes 19.fr.

Diameter : 19fr  
Working Element : 220mm  
Working channel for  
Instrument with A to O of : 9.0fr.  
Direction of View : 8°

### Nephroscope sheath for continuous flow , incl. obturator



41.0682a 24fr. for use with 19.0fr Nephroscope, Red



Instrument bridge 41.0641a



Cleaning brush 41.06955a



41.0634a Nephrosopes 13.5fr

Diameter : 13.5fr  
Working Element : 220mm  
Working Channel For  
Instrument with A to O of : 5.0fr.  
Direction of View : 8°

Nephroscope sheath for continuous flow , incl. obturator



41.0683a 15/18fr. for use with 13.5fr Nephroscope, Yellow



Instrument bridge 41.0641a



Cleaning brush 41.06955a

## Laser Resection Straight laser emission for HoLEP or ThuLEP HoLEP Set



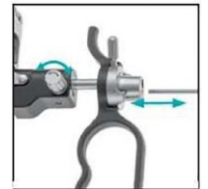
Cystoscope, Ø 4mm, 30 Degree - (Detail on -Page no - 1.)



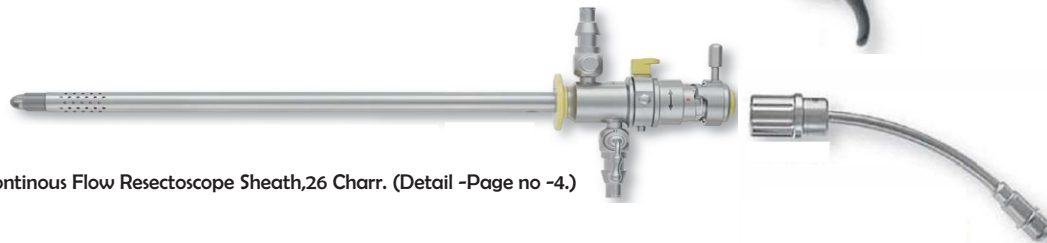
RZ laser Working Element, passive, for laser-probes  
253-000-300 for fibres up to 0.8mm  
253-000-31 2 for fibres up to 1.2mm



253-000-305  
RZ Laser Working Element, passive,  
with changeable guide for loser probes



detachable



Continuous Flow Resectoscope Sheath, 26 Charr. (Detail -Page no -4.)



300-011-184  
Luerlock Tuohy Borst  
Adopter (0.6 · 1.4mm)

253-000-301 \* short  
253-000-302 long RZ LL-Connection,  
rotatable for use with Loser Probe

## Tissue Morcellation



253-428-100\*  
Adapter for use with RZ Nephroscopes and  
Resectoscope Outer sheaths 253-000-356/256

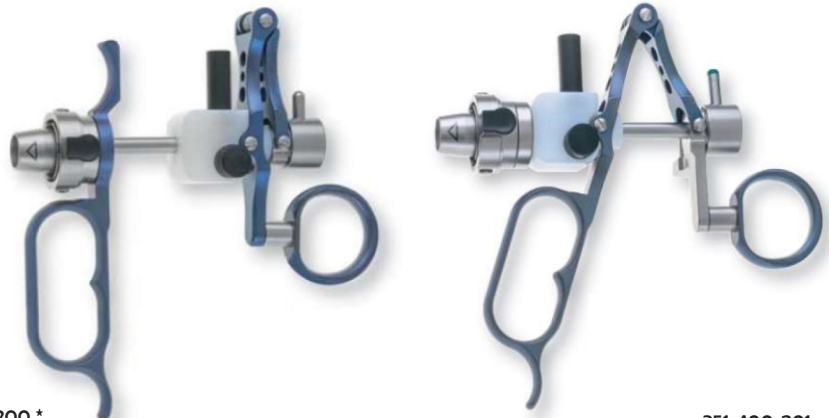


253-900-121 \*  
Nephroscope 6 °, oval instrument channel, parallel eye piece, 250mm working length

## 18.5 Charr. Bipolar Resectoscope Set for Adults and Adolescents



(Cystoscope, Ø 2.9mm, 302mm working length, 41.0161A \* 30° direction of view)



351-400-200 \*  
Passive Titanium Working Element

351-400-201  
Active Titanium Working Element








351-000-185\*  
Resectoscope Continuous Flow Sheath, 18.5 Chorr.,  
with rotating sheath, incl. obturator, with Quicklocking

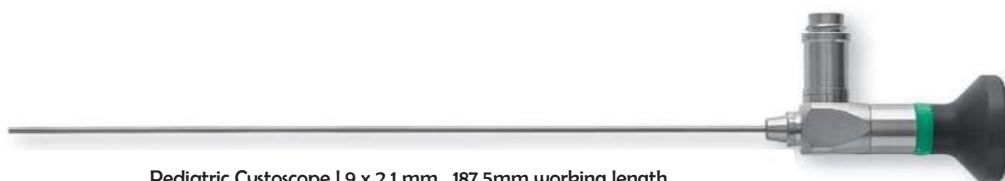


351-000-180 Visual Obturator, with 5 Chorr. working channel

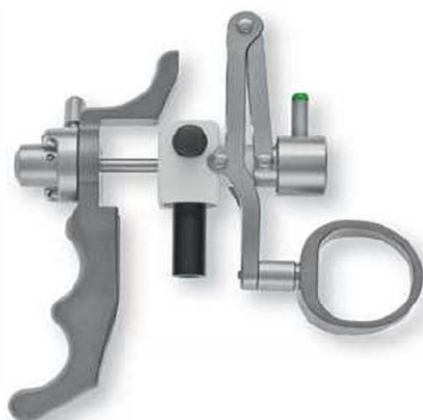
### 16 Charr. Electrode

	351-000-201	Cutting loop
	351-000-202	Cutting loop, Straight
	351-000-203	Knife Electrode
	351-000-205	Ball Electrode
	351-000-206	Roller Electrode, 2mm

## Monopolar Resectoscope Set for Children



Pediatric Cystoscope 1.9 x 2.1 mm , 187.5mm working length  
 253-219-100 0° direction of view  
 253-219-130 30° direction of view



253-250-200  
 Passive working element for use with 2.0mm  
 RZ Fiber Cystoscope 253-219-100



253-250-211  
 Resectoscope Sheath 11 Charr. with obturator



253-250-213  
 Resectoscope Sheath 13 Charr. with obturator



Cutting loop

253-251-111

253-252-111



Coagulation Electrode, blunt

253-251-112

253-252-112



Hook Electrode with ball

253-251-113

253-252-113



Hook Electrode without ball

253-251-114

253-252-114

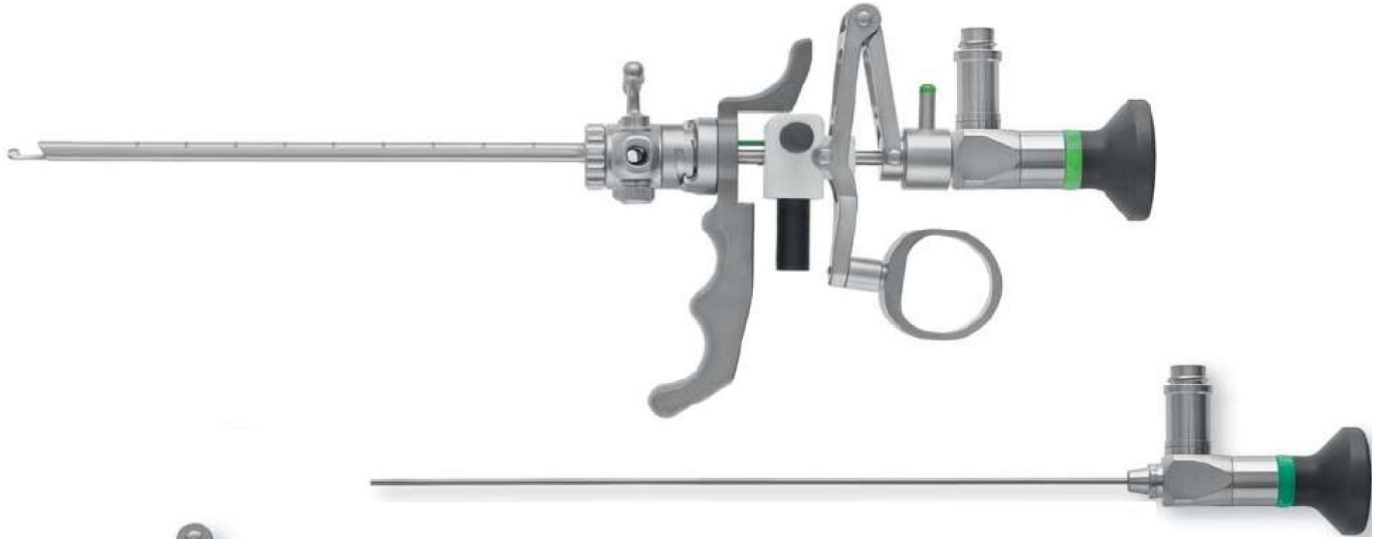


Needle Electrode, pointed

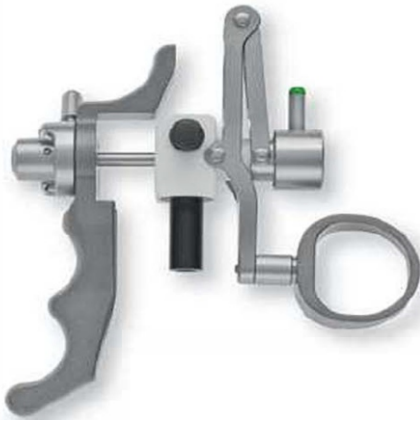
253-251-115

253-252-115

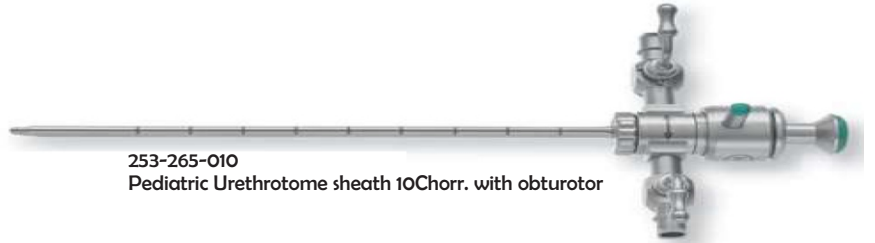
# Urethrotome Set for Children



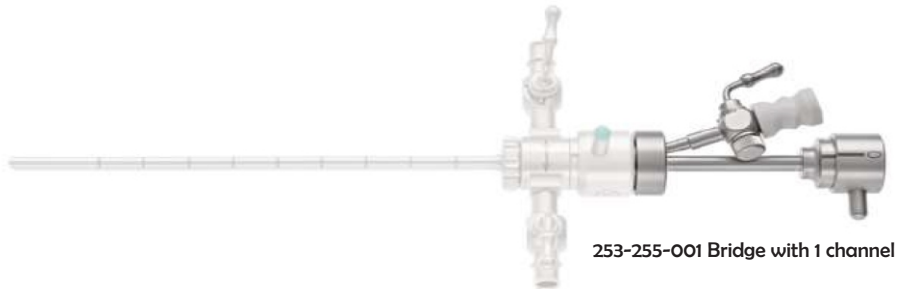
Pediatric Cystoscope I.9 x 2.1 mm , 187.5mm working length  
 253-219-100 0° direction of view  
 253-219-130 30° direction of view



253-250-200  
 Passive working element for use with 2.0mm  
 RZ Fiber Cystoscope 253-219-100



253-265-010  
 Pediatric Urethrotome sheath 10Chorr. with obturator



253-255-001 Bridge with 1 channel



Knife with straight cutting edge 253-265-101



Round knife 253-265-102



Sickel knife 253-265-103



Hook knife 253-265-104



# Flexible Uretero- Renoscope

## Insertion part rotation left/right 120°

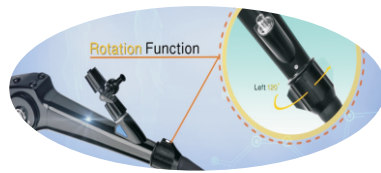


- Smoother Insertion;
- Improve Therapeutic;
- Easier access endo- theaptic devices;
- Enhance team working efficiency.



- The 120° rotation function allows the operator to change the shaft angle by rotating a ring on the handle. This potentially allows for longer laser activation, making treatment of large stone burdens feasible.
- Increased shaft stiffness for improved steering of the ureteroscope allows the lower pole calyx to be reached easily.

## Specification :



- Outer Diameter : 9Fr.
- Instrument Channel : 3Fr.
- Working Length :670mm
- Style : Flexible
- Angulation Range : UP275°/Down275°

## 280° Up & down big angle bending

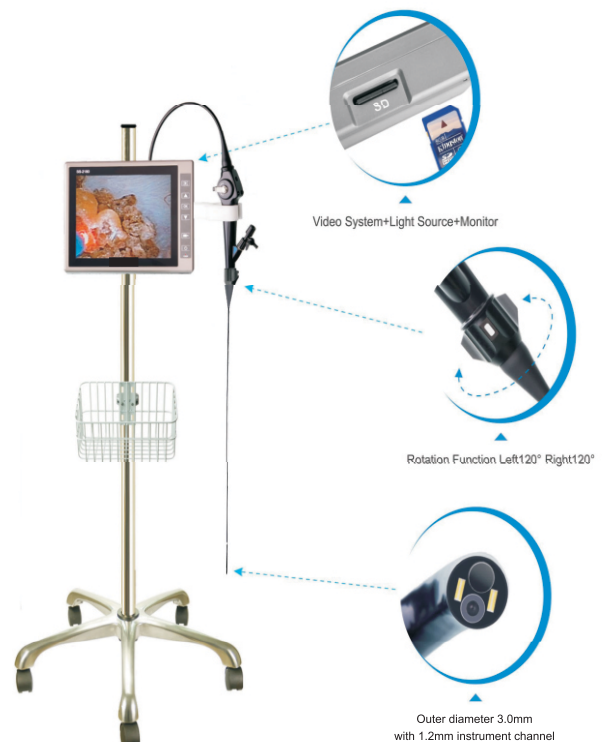


Facilitate access to stones the upper, and lower calyces even when using Laser fiber

# DEEPRA<sup>®</sup> - FLEX (UR-332)

## Flexible Ureteroscope

Optical system	Field of View	120°
	Direction of View	Forwarding
	Depth of Field	2-50mm
Insertion Tube	Distal End Outer Diameter	9.1Fr(3.0mm)
	Inner Channel Diameter	3.6Fr(1.2mm)
	Flexible Tube Outer Diameter	9.1Fr(3.0mm)
	Working Length	670mm
	Angulation Range	UP 275° /DOWN 275°
Monitor	Power	DC12V
	Battery Working Time	4 hours
	Screen Size	8 inch
	Resolution	680 x 480
	Recording Function	Yes
Optional	Storage	8GB
	Trolley	1.25 meter





## Unique Medical Devices



Over 12 Years in medical & healthcare industry



324, Vipul Busniess Park, Sohna road  
sector -48, Gurgaon -122004, INDIA



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