ENDOSCOPY- SYSTEMS
Minimal - Invasive Surgery

UROLOGY
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## Cystoscopes:

<table>
<thead>
<tr>
<th>Ø mm</th>
<th>Length mm</th>
<th>Direction of View</th>
<th>Field of View</th>
<th>To System</th>
<th>Cat. No.</th>
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<tbody>
<tr>
<td>2.9</td>
<td>302</td>
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<td>Wide Angle</td>
<td>Storz</td>
<td>41.0160a</td>
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<td>70</td>
<td>Wide Angle</td>
<td>Storz</td>
<td>41.0121a</td>
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</tbody>
</table>
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)

- Passive Titanium working element for 1 stem electrode
- Ergonomic handle with finger electrode

Active Working Element (Finger Operated)

- 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, 24 Charr
* QuickLock mechanism for easy and fastening assembling/disassembling.
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-Urethroscope Sheath

253-000-017 Obturators 17. Charr
253-000-020 Obturators 20. Charr
253-000-025 Obturators 25. 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

Cystoscope Bridge for all Cysto-Urethroscope Sheath
Main feature: flat insertion angle for use of semi-rigid instrument lithotriptor 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 5 Charr. 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 5 Charr. accessories

1 guide stem Urethrotome knives, for use without HF

253-500-561  Sachse knife, straight

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

253-500-562  Sickle knife, retrograde

253-500-524  WaveCut knife, straight

Unique Medical Devices
15.5Fr. Urethrotome Sheath with lateral channel for guide wires and other accessories

Obturator for use with Urethrotome Sheath

1 guide stem Urethrotome knife, for use without HF

Sache knife, straight, 15Charr.

Sickle knife, retrograde, 15 Charr.
Features and Benefits of the Ureter-Rensocopes

- 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-renoscopies
- 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.

**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

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

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

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

**14.0610a.lc2**
- Adapter for EMS lithotriptor Lc2

**14.0610a**
- Adapter for EMS lithotriptor LC1

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**Unique Medical Devices**
Uretero-Renoscopes 6-7.5 Fr.

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

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>Working diameter</td>
<td>distal 6.0 Charr.</td>
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<tr>
<td></td>
<td>first step 7.5 Charr.</td>
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<tr>
<td>Working channel</td>
<td>1 x 4 Charr. or 2 x 2.4 Charr.</td>
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<tr>
<td>Viewing direction</td>
<td>to working channel</td>
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<tr>
<td>Field of view</td>
<td>100</td>
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<tr>
<td>Direction of View</td>
<td>8° to working channel</td>
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Uretero-Renoscope

<table>
<thead>
<tr>
<th>Specification</th>
<th>Measurement</th>
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<tr>
<td>Working length</td>
<td>425 mm</td>
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Uretero-Renoscope

<table>
<thead>
<tr>
<th>Specification</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working length</td>
<td>310 mm</td>
</tr>
</tbody>
</table>

**41.0617a.lc** Instrument bridge
**4.0 Charr. Uretero-Renoscopes Full HD**

**253-915-540**  
Advanced semi Rigid Uretero Renoscope, 45cm

**Special advantage for this ureterorenoscope**

- Unique optical quality
- Automatic design for introduction into the ureteral orifice
- Soft step tapering shaft
- Silicone value 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 or 31cm
- **Working channel**: 4fr.
- **Field of View**: 65°
- **Direction of view**: 5°

**Silicone Value adaptor for URS Working channel**

253-905-500

**Silicone Value pack with 5 pieces**

253-905-400
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

Alligator Forceps, flexible, incl. handle

Scissor, flexible, incl. handle

Three-Pronged Stone Grasper incl. handle

Stone Extractor, oval, incl. handle
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  Nephroscopes 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
Nephroscopes 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

41.0634a 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
253-000-312 for fibres up to 1.2mm

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

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

Tissue Morcellation

253-428-100*
Adapter for use with RZ Nephrosopes 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 Continous Flow Sheath, 18.5 Chorr., with rototating sheath, incl. obturotor, with Quicklocking

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

16 Charr. Electrode

<table>
<thead>
<tr>
<th>Electrode Type</th>
<th>Code</th>
</tr>
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<tbody>
<tr>
<td>Cutting loop</td>
<td>351-000-201</td>
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<tr>
<td>Cutting loop, Straight</td>
<td>351-000-202</td>
</tr>
<tr>
<td>Knife Electrode</td>
<td>351-000-203</td>
</tr>
<tr>
<td>Ball Electrode</td>
<td>351-000-205</td>
</tr>
<tr>
<td>Roller Electrode, 2mm</td>
<td>351-000-206</td>
</tr>
</tbody>
</table>
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

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

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

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

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** 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

**253-265-010**
Pediatric Urethrotome sheath 10Chorr. with obturor

**253-255-001** Bridge with 1 channel

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**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- theapic 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.

**DEEPLRA®  FLEX (UR-332)**

**Optical system**

- Field of View : 120°
- Direction of View : Forwarding
- Depth of Field : 2-50mm
- 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
- Storage : 8GB

**Optional**

- Trolley : 1.25 meter
Unique Medical Devices

Over 12 Years in medical & healthcare industry

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