



Urology

Cystoscopy, Resectoscopy & other Specialities

Our Vision

"True to our vision **INNOVATING TRADITION**, it has always been our goal to not only provide our customers and healthcare professionals with an industry-leading value proposition through continuous innovation in our products and processes.

Ackermann

We believe that it is equally important to not lose sight of our roots and to preserve the craftsmanship that has been perfected over generations as an established family business. This enables us to maintain a productive and sustainable home for our staff and to improve clinical outcomes every single day in over 100 countries around the world."

Peter Grassl, CEO

+ 20k SKUs

As **Full-Range-System Manufacturer** we are able to provide you with a coherent product portfolio - from endoscopy to ligation, from implantology to general surgery.



Capabilities

+ Manufacturing

Surgical Instruments, Units, Implants, Optics

+ Regulatory

ISO 13485:2016, US FDA, CFDA, ANVISA,
COFEPRIS

+ Service

+ R&D



Global Player

Sales subsidiaries located in
Greece, India, USA & Mexico



Serving over
100
Countries

More than
80
Employees



3
Manufacturing
Sites

400
Strategic
Partners



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17 / 23 Fr. Cystoscopy Set

- | | |
|---|---------------|
| 1x FullHD Cystoscope, Ø 4 mm, 30°, 300 mm | # 32-4020HD |
| 1x Cysto sheath incl. obturator, 2 lateral stopcocks, Ø 17 Fr. | # 32-4070 |
| 1x Cysto sheath incl. obturator, 2 lateral stopcocks, Ø 23 Fr. | # 32-4085 |
| 1x Telescope bridge with 2 instrument channels | # 32-4105 |
| 1x Albarran deflector with 2 instrument channels, lockable | # 32-4115 |
| 1x Flexible ball electrode, monopolar, Ø 5 Fr., 470 mm | # 32-4202 |
| 1x Flexible ball electrode, monopolar, Ø 7 Fr., 470 mm | # 32-4150 |
| 1x Biopsy forceps, Ø 7 Fr., flexible, 400 mm | # 32-4120 |
| 1x Serrated grasping forceps, Ø 7 Fr., flexible, 400 mm | # 32-4130 |
| 1x Scissors, Ø 7 Fr., flexible, 400 mm | # 32-4136 |
| 1x Dormia stone basket, Ø 5 Fr., 4 wires, 600 mm | # 32-4204 |
| 1x Handle for dormia stone basket, Ø 5 Fr | # 32-4211 |
| 1x Optical biopsy spoon, 4.3 mm, double-action, spoon-type | # 32-4055 |
| 1x Bladder syringe, 150 ml | # 32-4395-150 |
| 1x Ellik evacuator | # 32-4106 |
| 1x Monopolar cable, for use with monopolar Urology instruments, 3 m | # 11-1260UR |



Mini Compact Cystoscopy Set

For Pediatrics

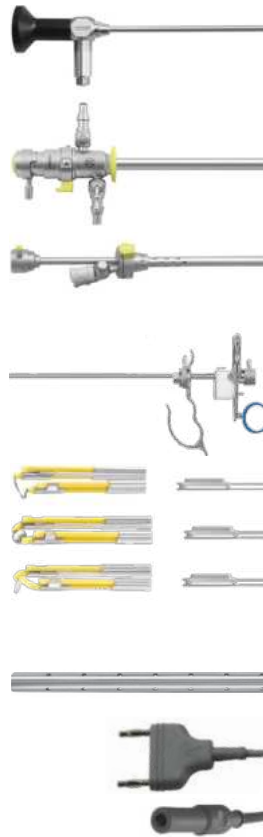
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| 1x Mini Compact Cystoscope, for instruments up to Ø 4 mm | # 32-4012 |
| 1x Serrated grasping forceps, Ø 3 Fr., 280 mm | # 32-4160 |
| 1x Biopsy forceps, Ø 3 Fr., 280 mm | # 32-4162 |



24 / 26 Fr. Bipolar Resectoscopy Set

For Adults

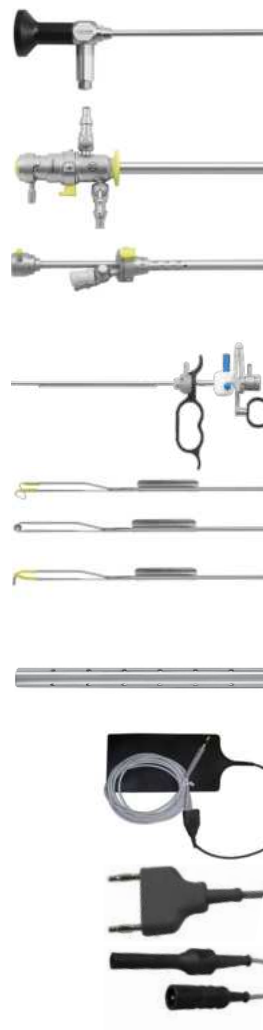
- 1x FullHD Cystoscope, Ø 4 mm, 30°, 300 mm # 32-4020HD
- 1x Resectoscopy sheath incl. obturator, continuous-flow, rotatable, Ø 24 / 26 Fr. # 32-4205RR
- 1x Visual obturator with Ø 8 Fr. working channel for Ø 24 / 26 Fr. resectoscopy sheath # 32-4228-6
- 1x Bipolar working element, closed handle, passive # 32-4220BP
- 1x Loop electrode 30°, Ø 24 Fr., bipolar # 32-4240BP
- 1x Ball electrode Ø 3 mm, Ø 24 Fr., bipolar # 32-4250BP
- 1x Knife electrode , Ø 24 Fr., bipolar # 32-4265BP
- 1x Protection- and autoclaving tube for electrodes and cold knives # 32-4230
- 1x Bipolar cable for use with bipolar resectoscope, 3 m # 13-1641UR



24 / 26 Fr. Universal Resectoscopy Set

For Adults

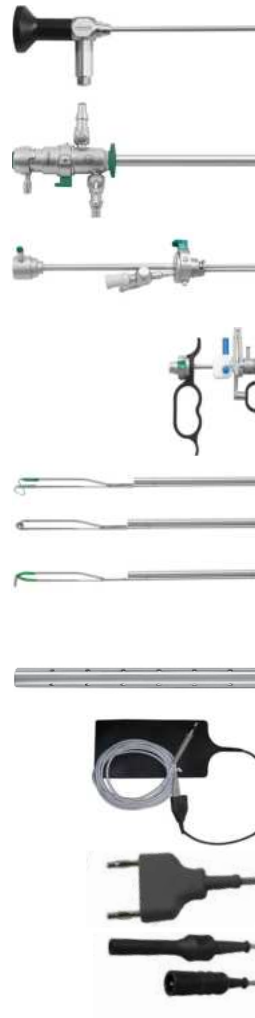
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| 1x FullHD Cystoscope, Ø 4 mm, 30°, 300 mm | # 32-4020HD |
| 1x Resectoscopy sheath incl. obturator, continuous-flow, rotatable, Ø 24 / 26 Fr. | # 32-4205RR |
| 1x Visual obturator with Ø 8 Fr. working channel for Ø 24 / 26 Fr. resectoscopy sheath | # 32-4228-6 |
| 1x Universal working element, closed handle, passive | # 32-4220U |
| 1x Loop electrode 30°, Ø 24 Fr., universal | # 32-4240U |
| 1x Ball electrode Ø 3 mm, Ø 24 Fr., universal | # 32-4250U |
| 1x Knife electrode , Ø 24 Fr., universal | # 32-4265U |
| 1x Protection- and autoclaving tube for electrodes and cold knives | # 32-4230 |
| 1x Neutral rubber electrode for adults, round plug, 5 m | # 16-2000-1212 |
| 1x Universal cable for use with universal resectoscope, 3 m | # 13-1641U |



17.5 / 18.5 Fr. Universal Resectoscopy Set

For Adolescents

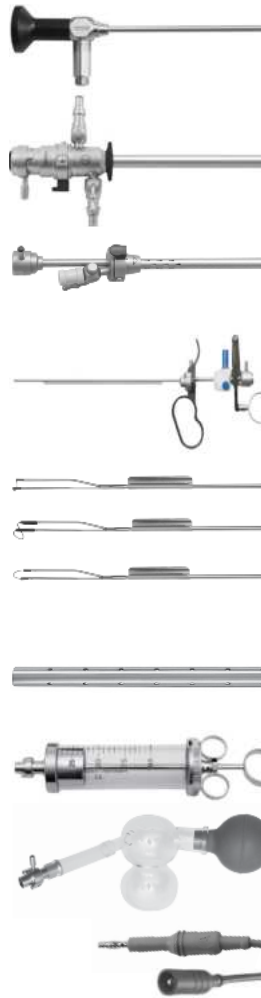
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|---|----------------|
| 1 x FullHD Cystoscope, Ø 2.9 mm, 30°, 300 mm | # 32-4022HD |
| 1 x Resectoscopy sheath incl. obturator, continuous-flow, rotatable, Ø 17.5 / 18.5 Fr., QL | # 32-4282RR |
| 1 x Visual obturator with Ø 5 Fr. working channel for Ø 17.5 / 18.5 Fr. resectoscopy sheath, QL | # 32-4342-17 |
| 1 x Universal working element, closed handle, passive, QL | # 32-4275U |
| 1 x Loop electrode 30°, Ø 17.5 Fr., universal | # 32-4287U |
| 1 x Ball electrode Ø 3 mm, Ø 17.5 Fr., universal | # 32-4288U |
| 1 x Knife electrode, Ø 17.5 Fr., universal | # 32-4289U |
| 1 x Protection- and autoclaving tube for electrodes and cold knives | # 32-4230 |
| 1 x Neutral rubber electrode for adults, round plug, 5 m | # 16-2000-1212 |
| 1 x Universal cable for use with universal resectoscope, 3 m | # 13-1641U |



27 / 28.5 Fr. Monopolar Resectoscopy Set

For Adults

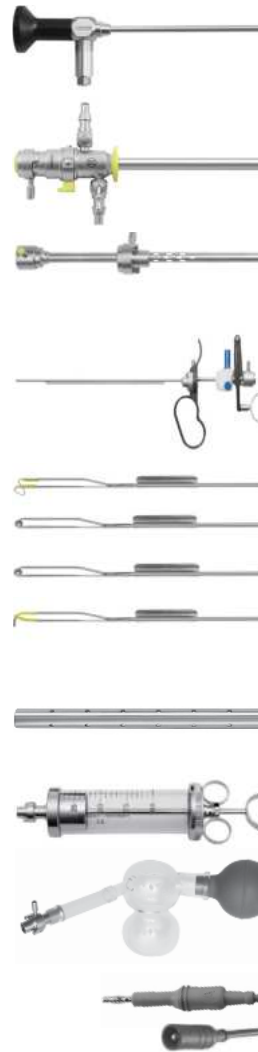
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| 1x FullHD Cystoscope, Ø 4 mm, 30°, 300 mm | # 32-4020HD |
| 1x Resectoscopy sheath incl. obturator, continuous-flow, rotatable, Ø 27 / 28.5 Fr. | # 32-4221RR |
| 1x Visual obturator with Ø 9 Fr. working channel for Ø 27 / 28.5 Fr. resectoscopy sheath | # 32-4240-9 |
| 1x Monopolar working element, closed handle | # 32-4220 |
| 1x Loop electrode 90°, Ø 27 Fr., monopolar | # 32-4295 |
| 1x Loop electrode 30°, Ø 27 Fr., monopolar | # 32-4300 |
| 1x Loop electrode 0°, Ø 27 Fr., monopolar | # 32-4310 |
| 1x Protection- and autoclaving tube for electrodes and cold knives | # 32-4230 |
| 1x Bladder syringe, 150 ml | # 32-4395-150 |
| 1x Ellik evacuator | # 32-4106 |
| 1x Monopolar cable, for use with monopolar Urology instruments, 3 m | # 11-1260UR |



24 / 26 Fr. Monopolar Resectoscopy Set

For Adults

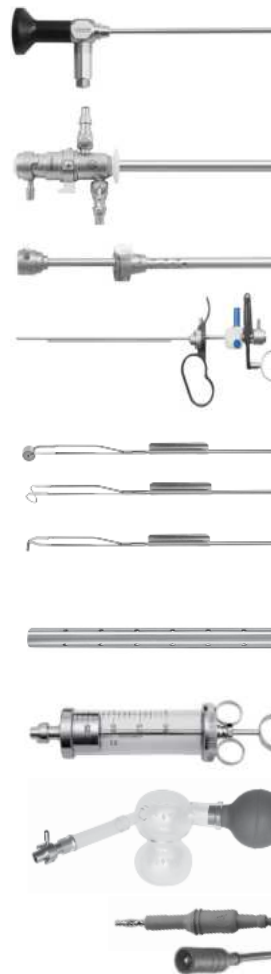
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| 1x FullHD Cystoscope, Ø 4 mm, 30°, 300 mm | # 32-4020HD |
| 1x Resectoscopy sheath incl. obturator, continuous-flow, rotatable, Ø 24 / 26 Fr. | # 32-4205RR |
| 1x Visual obturator with Ø 8 Fr. working channel for Ø 24 / 26 Fr. resectoscopy sheath | # 32-4228 |
| 1x Monopolar working element, closed handle | # 32-4220 |
| 1x Loop electrode 30°, Ø 24 Fr., monopolar | # 32-4240 |
| 1x Ball electrode Ø 3 mm, Ø 24 Fr., monopolar | # 32-4250 |
| 1x Ball electrode Ø 5 mm, Ø 24 Fr., monopolar | # 32-4260 |
| 1x Knife electrode , Ø 24 Fr., monopolar | # 32-4265 |
| 1x Protection- and autoclaving tube for electrodes and cold knives | # 32-4230 |
| 1x Bladder syringe, 150 ml | # 32-4395-150 |
| 1x Ellik evacuator | # 32-4106 |
| 1x Monopolar cable, for use with monopolar Urology instruments, 3 m | # 11-1260UR |



19 / 22 Fr. Monopolar Resectoscopy Set

For Adolescents

- | | |
|---|---------------|
| 1x FullHD Cystoscope, Ø 2.9 mm, 30°, 300 mm | # 32-4022HD |
| 1x Resectoscopy sheath incl. obturator, continuous-flow, rotatable, Ø 19 / 22 Fr. | # 32-4292RR |
| 1x Visual obturator for Ø 19 / 22 Fr. resectoscopy sheath | # 32-4342 |
| 1x Monopolar working element, closed handle | # 32-4275 |
| 1x Roller barrel electrode Ø 3 mm, Ø 19 Fr., monopolar | # 32-4274 |
| 1x Loop electrode 30°, Ø 19 Fr., monopolar | # 32-4277 |
| 1x Knife electrode, Ø 19 Fr., monopolar | # 32-4279 |
| 1x Protection- and autoclaving tube for electrodes and cold knives | # 32-4230 |
| 1x Bladder syringe, 150 ml | # 32-4395-150 |
| 1x Ellik evacuator | # 32-4106 |
| 1x Monopolar cable, for use with monopolar Urology instruments, 3 m | # 11-1260UR |



23 Fr. Universal Laser Cystoscopy Set

Lateral Laser Emission for PVP / HoLAP / ThuVAP

- | | |
|---|-------------|
| 1x FullHD Cystoscope, Ø 2.9 mm, 30°, 300 mm | # 32-4002HD |
| 1x Laser cysto-urethroscope sheath incl. obturator, continuous-flow, Ø 23 Fr. | # 32-4600 |
| 1x Visual obturator for 32-4600 | # 32-4601 |
| 1x Telescope bridge with Ø 8 Fr. laser channel | # 32-4602 |



Compatible with:

Greenlight® Fibers MoXy with Ø 2.1 mm / max. Ø 2.3 mm, Lumenis® Xpeeda (Duotome) with Ø 2.5 mm, Quantana SideFiber® with Ø 2.22 mm (± 5%), Biolitec SideFiber 2100® with Ø 2.4 mm

24 / 26 Fr. Laser Resectoscopy Set

Lateral Laser Emission for PVP / HoLAP / ThuVAP

- | | |
|---|-------------|
| 1x FullHD Cystoscope, Ø 4 mm, 30°, 300 mm | # 32-4020HD |
| 1x Resectoscopy sheath incl. obturator, continuous-flow, rotatable, Ø 24 / 26 Fr. | # 32-4205RR |
| 1x Laser working insert, channel for laser for probes up to 7 Fr. | # 32-4610 |



Compatible with:

Greenlight® Fibers MoXy with Ø 2.1 mm / max. Ø 2.3 mm, Quantana SideFiber® with Ø 2.22 mm (± 5%), Biolitec® XCAVATOR with Glass Tip

24 / 26 Fr. Laser Resectoscopy Set, demountable

Straight Laser Emission for HoLEP / ThuLEP

1x FullHD Cystoscope, Ø 4 mm, 30°, 300 mm	# 32-4020HD
1x Resectoscopy sheath incl. obturator, continuous-flow, rotatable, Ø 24 / 26 Fr.	# 32-4205RR
1x Adapter for insertion of laser probes	# 32-4607
1x Rubber reducer	# 11-1249-100
1x Laser working element, closed handle, passive, for exchangeable laser guiding pipes	# 32-4609
1x Guide pipe for laser probes Ø 0.8 mm, with retractor	# 32-4609-100R
1x Guide pipe for laser probes Ø 1.2 mm, with retractor	# 32-4609-300R
1x Guide pipe for laser probes Ø 1.4 mm, with retractor	# 32-4609-400R
1x Guide pipe for laser probes Ø 0.8 mm	# 32-4609-100
1x Guide pipe for laser probes Ø 1.0 mm	# 32-4609-200
1x Guide pipe for laser probes Ø 1.2 mm	# 32-4609-300
1x Guide pipe for laser probes Ø 1.4 mm	# 32-4609-400



Compatible with:

Lumenis® Slimline, EZ, GI with max. Ø 1.2 mm (3.6 Fr.), Lisa Laser® with RigiFib-SV, Quanta® Laser with Cyber™, Boston Scientific® with AccuMax

24 / 26 Fr. Laser Resectoscopy Set, Ø 0.8 mm

Straight Laser Emission for HoLEP / ThuLEP

- | | |
|---|---------------|
| 1x FullHD Cystoscope, Ø 4 mm, 30°, 300 mm | # 32-4020HD |
| 1x Resectoscopy sheath incl. obturator, continuous-flow, rotatable, Ø 24 / 26 Fr. | # 32-4205RR |
| 1x Laser working element, closed handle, passive, channel for probes up to Ø 0.8 mm | # 32-4603 |
| 1x Adapter for insertion of laser probes | # 32-4607 |
| 1x Rubber reducer | # 11-1249-100 |



Compatible with:

Lumenis® Slimline, EZ, GI with max. Ø 1.2 mm (3.6 Fr.), Lisa Laser® with RigiFib-SV, Quanta® Laser with Cyber™, Boston Scientific® with AccuMax

24 / 26 Fr. Laser Resectoscopy Set, Ø 1.2 mm

Straight Laser Emission for HoLEP / ThuLEP

- | | |
|---|---------------|
| 1x FullHD Cystoscope, Ø 4 mm, 30°, 300 mm | # 32-4020HD |
| 1x Resectoscopy sheath incl. obturator, continuous-flow, rotatable, Ø 24 / 26 Fr. | # 32-4205RR |
| 1x Laser working element, closed handle, passive, channel for probes up to Ø 1.2 mm | # 32-4604 |
| 1x Adapter for insertion of laser probes | # 32-4607 |
| 1x Rubber reducer | # 11-1249-100 |



Compatible with:

Lumenis® Slimline, EZ, GI with max. Ø 1.2 mm (3.6 Fr.), Lisa Laser® with RigiFib-SV, Quanta® Laser with Cyber™, Boston Scientific® with AccuMax

19 / 22 Fr. Laser Resectoscopy Set, Ø 0.8 mm

Straight Laser Emission for HoLEP / ThuLEP

- | | |
|---|---------------|
| 1x FullHD Cystoscope, Ø 2.9 mm, 30°, 300 mm | # 32-4022HD |
| 1x Resectoscopy sheath incl. obturator, continuous-flow, rotatable, Ø 19 / 22 Fr. | # 32-4292RR |
| 1x Laser working element, closed handle, passive, channel for probes up to Ø 0.8 mm | # 32-4605 |
| 1x Adapter for insertion of laser probes | # 32-4607 |
| 1x Rubber reducer | # 11-1249-100 |



Compatible with:

Lumenis® Slimline, EZ, GI with max. Ø 1.2 mm (3.6 Fr.), Lisa Laser® with RigiFib-SV, Quanta® Laser with Cyber™, Boston Scientific® with AccuMax

19 / 22 Fr. Laser Resectoscopy Set, Ø 1.2 mm

Straight Laser Emission for HoLEP / ThuLEP

- | | |
|---|---------------|
| 1x FullHD Cystoscope, Ø 2.9 mm, 30°, 300 mm | # 32-4022HD |
| 1x Resectoscopy sheath incl. obturator, continuous-flow, rotatable, Ø 19 / 22 Fr. | # 32-4292RR |
| 1x Laser working element, closed handle, passive, channel for probes up to Ø 1.2 mm | # 32-4606 |
| 1x Adapter for insertion of laser probes | # 32-4607 |
| 1x Rubber reducer | # 11-1249-100 |



Compatible with:

Lumenis® Slimline, EZ, GI with max. Ø 1.2 mm (3.6 Fr.), Lisa Laser® with RigiFib-SV, Quanta® Laser with Cyber™, Boston Scientific® with AccuMax

17.5 / 18.5 Fr. Laser Resectoscopy Set, Ø 0.8 mm

Straight Laser Emission for HoLEP / ThuLEP

- | | |
|---|---------------|
| 1x FullHD Cystoscope, Ø 2.9 mm, 30°, 300 mm | # 32-4022HD |
| 1x Resectoscopy sheath incl. obturator, continuous-flow, rotatable, Ø 17.5 / 18.5 Fr. | # 32-4282RR |
| 1x Laser working element, closed handle, passive, channel for probes up to Ø 0.8 mm | # 32-4605 |
| 1x Adapter for insertion of laser probes | # 32-4607 |
| 1x Rubber reducer | # 11-1249-100 |



Compatible with:

Lumenis® Slimline, EZ, GI with max. Ø 1.2 mm (3.6 Fr.), Lisa Laser® with RigiFib-SV, Quanta® Laser with Cyber™, Boston Scientific® with AccuMax

17.5 / 18.5 Fr. Laser Resectoscopy Set, Ø 1.2 mm

Straight Laser Emission for HoLEP / ThuLEP

- | | |
|---|---------------|
| 1x FullHD Cystoscope, Ø 2.9 mm, 30°, 300 mm | # 32-4022HD |
| 1x Resectoscopy sheath incl. obturator, continuous-flow, rotatable, Ø 17.5 / 18.5 Fr. | # 32-4282RR |
| 1x Laser working element, closed handle, passive, channel for probes up to Ø 1.2 mm | # 32-4606 |
| 1x Adapter for insertion of laser probes | # 32-4607 |
| 1x Rubber reducer | # 11-1249-100 |



Compatible with:

Lumenis® Slimline, EZ, GI with max. Ø 1.2 mm (3.6 Fr.), Lisa Laser® with RigiFib-SV, Quanta® Laser with Cyber™, Boston Scientific® with AccuMax

Mechanical Lithotripsy Set

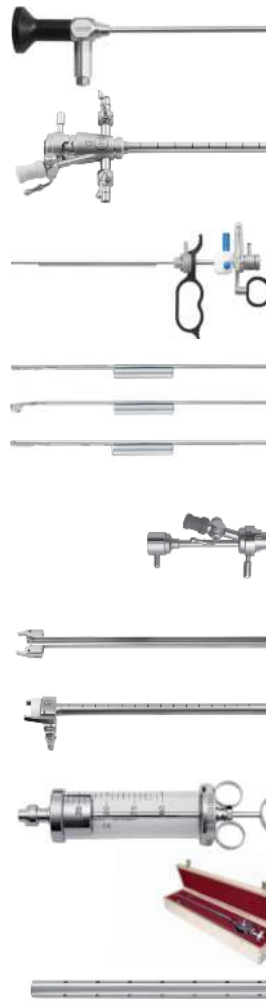
1x FullHD Cystoscope, Ø 4 mm, 0°, 300 mm	# 32-4000HD
1x FullHD Cystoscope, Ø 4 mm, 30°, 300 mm	# 32-4020HD
1x Mauermayer stone punch, for small stones and fragments, QL	# 32-4069
1x Lithotripsy sheath incl. obturator, central valve, Ø 24 Fr., QL	# 32-4061
1x Visual obturator for lithotripsy sheath, Ø 24 Fr., Ø 7 Fr. working channel, QL	# 32-4062
1x Optical stone forceps, for small stones and stone fragments only	# 32-4066
1x Cysto-urethroscope sheath incl. obturator, 2 lateral stopcocks, Ø 25 Fr.	# 32-4090
1x Ellik evacuator	# 32-4106



21 Fr. Visual Urethrotomy Set

For Adults - NO HF!

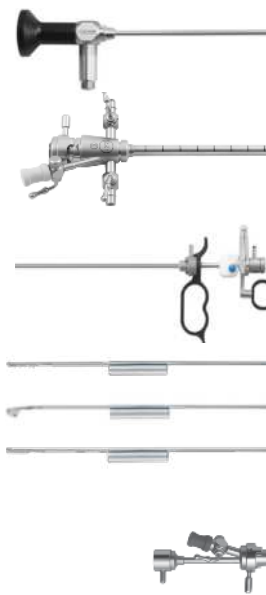
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| 1x FullHD Cystoscope, Ø 4 mm, 0°, 300 mm | # 32-4000HD |
| 1x Urethrotomy sheath incl. obturator, 1 instrument channel, 2 lateral stopcocks, Ø 21 Fr. | # 32-4370 |
| 1x Monopolar working element, closed handle, passive | # 32-4220 |
| 1x Wave-cut cold knife, Ø 21 Fr. | # 32-4384 |
| 1x Half-round cold knife, Ø 21 Fr. | # 32-4389 |
| 1x Straight "Sachse" cold knife, Ø 21 Fr. | # 32-4390 |
| 1x Telescope bridge with 1 instrument channel, Ø 21 Fr. | # 32-4380 |
| 1x Urethrotome outer sheath for balloon catheter, use with 32-4370 | # 32-4375 |
| 1x Urethrotome outer sheath for continuous-flow, use with 32-4370 | # 32-4376 |
| 1x Bladder syringe, 150 ml | # 32-4395-150 |
| 1x Otis urethrotome | # 32-4391 |
| 1x Protection- and autoclaving tube for electrodes and cold knives | # 32-4230 |



15 Fr. Visual Urethrotomy Set

For Adolescents - NO HF !

- | | |
|--|--------------|
| 1x FullHD Cystoscope, Ø 2.9 mm, 0°, 300 mm | # 32-4002HD |
| 1x Urethrotomy sheath incl. obturator, 1 instrument channel, 2 lateral stopcocks, Ø 15 Fr. | # 32-4370-15 |
| 1x Working element, closed handle, passive, w/o HF-connector | # 32-4220UT |
| 1x Wave-cut cold knife, Ø 15 Fr. | # 32-4384-15 |
| 1x Half-round cold knife , Ø 15 Fr. | # 32-4389-15 |
| 1x Straight "Sachse" cold knife, Ø 15 Fr. | # 32-4390-15 |
| 1x Telescope bridge with 1 instrument channel with Ø 5 Fr., Ø 15 Fr. | # 32-4380-15 |



24 / 26 Fr. Short Nephroscopy Set

200 mm

- | | |
|---|--------------|
| 1x Short Nephroscope, Ø 4.8 mm, 6° viewing angle, 90° ocular, 200 mm | # 70-8201 |
| 1x Nephroscopy sheath incl. obturator, 1 stopcock, rotatable, Ø 24 Fr., 200 mm | # 70-8205-24 |
| 1x Nephroscopy sheath incl. obturator, 1 stopcock, rotatable, Ø 26 Fr., 200 mm | # 70-8205 |
| 1x Telescope dilation sheath set, 6 pcs., 9/12/15/18/21/24 Fr., 1x rigid and 1x flexible guide wire | # 70-8206 |
| 1x Dilator in 27 Fr. | # 70-8208 |
| 1x Dilator in 30 Fr. | # 70-8208-30 |
| 1x Stone grasping forceps, Ø 3 mm, rigid, ring handle, flushable, 400 mm | # 70-8220 |
| 1x Biopsy spoon, Ø 3 mm, rigid, ring handle, flushable, 400 mm | # 70-8225 |
| 1x Serrated grasping forceps, Ø 3 mm, rigid, ring handle, flushable, 400 mm | # 70-8230 |



24 / 26 Fr. Standard Nephroscopy Set

250 mm

- | | |
|---|---------------|
| 1x Standard Nephroscope, Ø 4.8 mm, 6° viewing angle, 90° ocular, 250 mm | # 70-8201-250 |
| 1x Nephroscopy sheath incl. obturator, 1 stopcock, rotatable, Ø 24 Fr., 250 mm | # 70-8204-24 |
| 1x Nephroscopy sheath incl. obturator, 1 stopcock, rotatable, Ø 26 Fr., 250 mm | # 70-8204 |
| 1x Telescope dilation sheath set, 6 pcs., 9/12/15/18/21/24 Fr., 1x rigid and 1x flexible guide wire | # 70-8206 |
| 1x Dilator in 27 Fr. | # 70-8208 |
| 1x Dilator in 30 Fr. | # 70-8208-30 |
| 1x Stone grasping forceps, Ø 3 mm, rigid, ring handle, flushable, 400 mm | # 70-8220 |
| 1x Biopsy spoon, Ø 3 mm, rigid, ring handle, flushable, 400 mm | # 70-8225 |
| 1x Serrated grasping forceps, Ø 3 mm, rigid, ring handle, flushable, 400 mm | # 70-8230 |



Compact Nephroscopy Set











250 mm

- | | |
|---|-------------------------|
| 1x Standard Nephroscope, Ø 4.8 mm, 6° viewing angle, 90° ocular, 200 mm | # 70-8200C |
| 1x Nephroscopy OP sheath incl. obturator, for use with Amplatz sheath, Ø 24 Fr. | # 70-8209
70-8209A |
| 1x Amplatz Sheath, for use with 70-8209 | |
| 1x Small stone grasping forceps, Ø 5 Fr., semi-rigid, ring handle, rotatable, 400 mm | # 70-8255SR |
| 1x Biopsy spoon, Ø 5 Fr., semi-rigid, ring handle, rotatable, 400 mm | # 70-8260SR |
| 1x Medium stone grasping forceps, Ø 5 Fr., semi-rigid, ring handle, rotatable, 400 mm | # 70-8275SR |



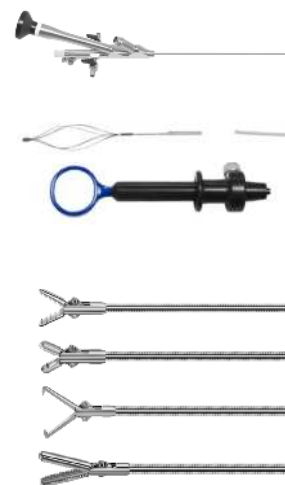
Mini Nephroscopy Set

220 mm

1x Mini Nephroscope, 220 mm	# 70-8200MINI	
1x Nephroscopy OP sheath incl. obturator, continuous-flow, Ø 15 / 18 Fr.	# 70-8211	
1x Nephroscopy OP sheath incl. obturator, continuous-flow, Ø 16.5 / 19.5 Fr.	# 70-8212	
1x Nephroscopy OP sheath incl. obturator, continuous-flow, Ø 21 / 24 Fr.	# 70-8213	
1x Dilator for nephroscopy OP sheath, 1 x cannulated, Ø 15 / 18 Fr.	# 70-8211D	
1x Dilator for nephroscopy OP sheath, 2 x cannulated, Ø 16.5 / 19.5 Fr.	# 70-8212D	
1x Dilator for nephroscopy OP sheath, 2 x cannulated, Ø 21 / 24 Fr.	# 70-8213D	
1x Small stone grasping forceps, Ø 5 Fr., semi-rigid, ring handle, rotatable, 400 mm	# 70-8255SR	
1x Biopsy spoon, Ø 5 Fr., semi-rigid, ring handle, rotatable, 400 mm	# 70-8260SR	
1x Medium stone grasping forceps, Ø 5 Fr., semi-rigid, ring handle, rotatable, 400 mm	# 70-8275SR	

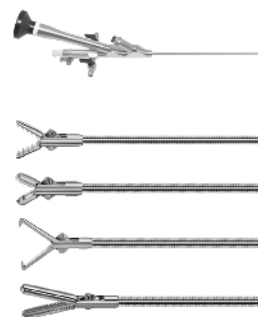
FullHD Standard Uretero-Renoscropy Set

- | | |
|--|-----------|
| 1 x Ultra Thin HD Uretero-Renoscope, for instruments up to Ø 5 Fr., 310 mm | # 70-8001 |
| 1 x Dormia stone basket, Ø 5 Fr., 4 wires, 600 mm | # 70-8035 |
| 1 x Handle for dormia stone basket, Ø 5 Fr. | # 32-4211 |
| 1 x Small stone grasping forceps, Ø 5 Fr., flexible, 600 mm | # 70-8010 |
| 1 x Biopsy spoon, Ø 5 Fr., flexible, 600 mm | # 70-8015 |
| 1 x Medium stone grasping forceps, Ø 5 Fr., flexible, 600 mm | # 70-8020 |
| 1 x Large stone grasping forceps, Ø 5 Fr., flexible, 600 mm | # 70-8025 |



Thin HD Uretero-Renoscapy Set

- | | |
|---|-------------|
| 1x Ultra Thin HD Uretero-Renoscope, for instruments up to Ø 4 Fr., 310 mm | # 70-8001T |
| 1x Small stone grasping forceps, Ø 4 Fr., flexible, 600 mm | # 70-8010-4 |
| 1x Biopsy spoon, Ø 4 Fr., flexible, 600 mm | # 70-8015-4 |
| 1x Medium stone grasping forceps, Ø 4 Fr., flexible, 600 mm | # 70-8020-4 |
| 1x Large stone grasping forceps, Ø 4 Fr., flexible, 600 mm | # 70-8025-4 |



Ultra-Thin HD Uretero-Renoscropy Set

1x Ultra Thin HD Uretero-Renoscope, for instruments up to
Ø 3 Fr., 310 mm

70-8001UT



1x Small stone grasping forceps, Ø 3 Fr., flexible, 600 mm

70-8010-3



1x Medium stone grasping forceps, Ø 3 Fr., flexible, 600 mm

70-8020-3



1x Scissors, Ø 3 Fr., flexible, 600 mm

70-8030-3





Cystoscopy

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FullHD Cystoscopes

Key Features

- Available in **FullHD resolution**
- **Sapphire glass lense** at proximal and distal end
- Nitrogen filled optical system to **avoid fogging** from the inside
- Three-tube construction for **more stability**
- Sealing by **laser welding** with **excellent** optical transmission
- **Autoclavable**



... more Features

- Made of high-quality stainless steel
- Sophisticated, anti-reflective optical system
- Powerful optical fibers
- Highly refractive lenses for optimum colour rendering even at high magnification
- Light cable adapters to Ackermann, Storz¹, Olympus¹, Wolf¹, ACMI¹
- High-quality glass cone for optimizing light input
- Standard C-Mount coupling
- Extremely precise centering of the optical and mechanical components for a brilliant and high-contrast image right up to the edge area the inside



FullHD Cystoscopes



	Diameter		Viewing angle				Item no.
	Ø 2.9 mm	Ø 4 mm	0°	12°	30°	70°	
FullHD Cystoscope, 300 mm	•		•				32-4002HD
FullHD Cystoscope, 300 mm		•	•				32-4000HD
FullHD Cystoscope, 300 mm	•			•			32-4015HD
FullHD Cystoscope, 300 mm		•		•			32-4010HD
FullHD Cystoscope, 300 mm	•				•		32-4022HD
FullHD Cystoscope, 300 mm		•			•		32-4020HD
FullHD Cystoscope, 300 mm		•				•	32-4030HD

Cysto-Urethroscope Sheaths incl. Obturator

2 Lateral Stopcocks / Adults & Adolescents



	Diameter	For use with scope		Color coding	Item no.
		Ø 2.9 mm	Ø 4 mm		
<p>Cysto-Urethroscope sheath incl. obturator, 2 lateral stopcocks</p> <p>includes Cysto-Urethroscope sheath, 2 lateral stopcocks, Ø 15 Fr. 32-4073S and Standard obturator for 32-4073S 32-40740</p>	Ø 15 Fr.	•		●	32-4073
<p>Cysto-Urethroscope sheath incl. obturator, 2 lateral stopcocks</p> <p>includes Cysto-Urethroscope sheath, 2 lateral stopcocks, Ø 17 Fr. 32-4070S and Standard obturator for 32-4070S 32-40700</p>	Ø 17 Fr.		•	●	32-4070
<p>Cysto-Urethroscope sheath incl. obturator, 2 lateral stopcocks</p> <p>includes Cysto-Urethroscope sheath, 2 lateral stopcocks, Ø 19 Fr. 32-4075S and Standard obturator for 32-4075S 32-40750</p>	Ø 19 Fr.		•	●	32-4075
<p>Cysto-Urethroscope sheath incl. obturator, 2 lateral stopcocks</p> <p>includes Cysto-Urethroscope sheath, 2 lateral stopcocks, Ø 21 Fr. 32-4080S and Standard obturator for 32-4080S 32-40800</p>	Ø 21 Fr.		•	●	32-4080
<p>Cysto-Urethroscope sheath incl. obturator, 2 lateral stopcocks</p> <p>includes Cysto-Urethroscope sheath, 2 lateral stopcocks, Ø 23 Fr. 32-4085S and Standard obturator for 32-4085S 32-40850</p>	Ø 23 Fr.		•	●	32-4085
<p>Cysto-Urethroscope sheath incl. obturator, 2 lateral stopcocks</p> <p>includes Cysto-Urethroscope sheath, 2 lateral stopcocks, Ø 25 Fr. 32-4090S and Standard obturator for 32-4090S 32-40900</p>	25 Fr.		•	○	32-4090

Cysto-Urethroscope Sheaths incl. Obturator

Central Valve / Adults & Adolescents



			Diameter	Color coding	Item no.
Cysto-Urethroscope sheath incl. obturator, central valve for use with Ø 4 mm scope			Ø 17 Fr.	●	32-4072
includes	Cysto-Urethroscope sheath, central valve, Ø 17 Fr.	32-4072S			
and	Standard obturator for 32-4072S	32-40700			
Cysto-Urethroscope sheath incl. obturator, central valve for use with Ø 4 mm scope			Ø 19 Fr.	●	32-4077
includes	Cysto-Urethroscope sheath, central valve, Ø 19 Fr.	32-4077S			
and	Standard obturator for 32-4077S	32-40750			
Cysto-Urethroscope sheath incl. obturator, central valve for use with Ø 4 mm scope			Ø 21 Fr.	●	32-4082
includes	Cysto-Urethroscope sheath, central valve, Ø 21 Fr.	32-4082S			
and	Standard obturator for 32-4082S	32-40800			
Cysto-Urethroscope sheath incl. obturator, central valve for use with Ø 4 mm scope			Ø 23 Fr.	●	32-4087
includes	Cysto-Urethroscope sheath, central valve, Ø 23 Fr.	32-4087S			
and	Standard obturator for 32-4087S	32-40850			
Cysto-Urethroscope sheath incl. obturator, central valve for use with Ø 4 mm scope			Ø 23 Fr.	●	32-4092
includes	Cysto-Urethroscope sheath, central valve, Ø 25 Fr.	32-4092S			
and	Standard obturator for 32-4092S	32-40900			

Standard Obturators for Cysto-Urethroscope Sheaths

For Use with Sheaths with 2 Lateral Stopcocks and Central Valve / Adults & Adolescents



	For use with scope		Diameter	Color coding	Item no.
	Ø 2.9 mm	Ø 4 mm			
Standard obturator for cysto-urethroscope sheath	•		15 Fr.	●	32-40740
Standard obturator for cysto-urethroscope sheath		•	17 Fr.	●	32-40700
Standard obturator for cysto-urethroscope sheath		•	19 Fr.	●	32-40750
Standard obturator for cysto-urethroscope sheath		•	21 Fr.	●	32-40800
Standard obturator for cysto-urethroscope sheath		•	23 Fr.	●	32-40850
Standard obturator for cysto-urethroscope sheath		•	25 Fr.	○	32-40900

Visual Obturators for Cysto-Urethroscope Sheaths

For Use with Sheaths with 2 Lateral Stopcocks and Central Valve / Adults & Adolescents



	Diameter	Color coding	Item no.
Visual obturator for cysto-urethroscope-sheath, for use with Ø 4 mm scope	17 Fr.	●	32-4071
Visual obturator for cysto-urethroscope-sheath, for use with Ø 4 mm scope	19 Fr.	●	32-4076
Visual obturator for cysto-urethroscope-sheath, for use with Ø 4 mm scope	21 Fr.	●	32-4081
Visual obturator for cysto-urethroscope-sheath, for use with Ø 4 mm scope	23 Fr.	●	32-4086
Visual obturator for cysto-urethroscope-sheath, for use with Ø 4 mm scope	25 Fr.	○	32-4091

Optical Grasping Forceps

For Use with 17 Fr. Cystoscopy Sheath or Resectoscopy Sheath plus 32-4067 / 32-4068



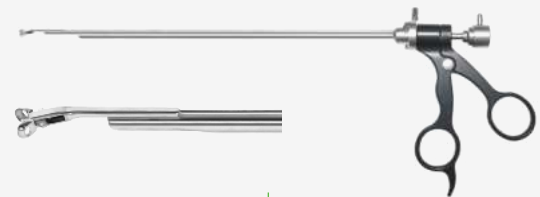
Item no.

Optical grasping forceps, 4.3 mm, double-action, for 30° scope

32-4050

Optical Biopsy Spoon

For Use with 17 Fr. Cystoscopy Sheath or Resectoscopy Sheath plus 32-4067 / 32-4068



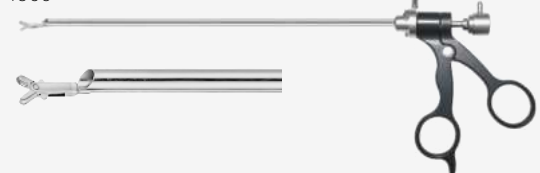
Item no.

Optical biopsy spoon, 4.3 mm, double-action, spoon-type

32-4055

Optical Biopsy Spoon

For Use with 17 Fr. Cystoscopy Sheath or Resectoscopy Sheath plus 32-4067 / 32-4068



Item no.

Optical biopsy spoon, 2.3 mm, double-action, for 70° scope

32-4056

Optical Scissors

For Use with 17 Fr. Cystoscopy Sheath or Resectoscopy Sheath plus 32-4067 / 32-4068



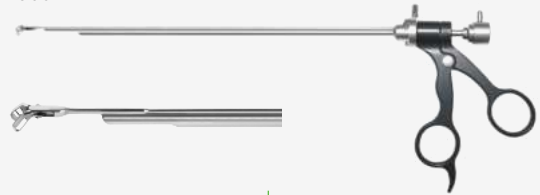
Item no.

Optical scissors, hook-shaped, double-action

32-4060

Optical Biopsy Punch

For Use with 17 Fr. Cystoscopy Sheath or Resectoscopy Sheath plus 32-4067 / 32-4068



Item no.

Optical biopsy punch, through-cutting, for 30° scope

32-4065

Adapter for Optical Forceps



Item no.

Adapter for optical forceps 32-4066, use with Ackermann resectoscopy outer sheaths

32-4067

Adapter for Optical Forceps



Adapter for optical forceps, use with Ackermann resectoscopy inner sheaths

Item no.

32-4068

Telescope Bridge

For Diagnostics



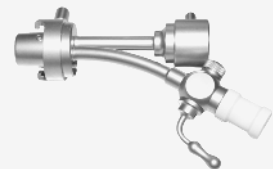
Telescope bridge for diagnostics, suitable for 19 - 25 Fr. cysto-sheath

Item no.

32-4095

Telescope Bridge

With 1 Instrument Channel



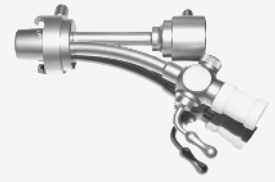
Telescope bridge with 1 instrument channel, suitable for 19 - 25 Fr. cysto-sheath

Item no.

32-4100

Telescope Bridge

With 2 Instrument Channels



Item no.

Telescope bridge with 2 instrument channels, suitable for 19 - 25 Fr. cysto-sheath

32-4105

Albarran Deflector

With 1 Instrument Channel



Item no.

Albarran deflector with 1 instrument channel, lockable, suitable for cysto-sheaths from 17 Fr.

32-4110

Albarran Deflector

With 2 Instrument Channels



Item no.

Albarran deflector with 2 instrument channels, lockable, suitable for cysto-sheaths from 17 Fr.

32-4115

Instrument Compatibility Matrix

For Cysto-Urethroscope Sheaths with Instruments

Telescope bridge 32-4100, 1 instrument channel	Telescope bridge 32-4105, 2 instrument channels	Albarran 32-4110, 1 instrument channel	Albarran 32-4115, 2 instrument channels	Color coding of sheath
1 x 5 Fr.	2 x 4 Fr.	1 x 5 Fr.	2 x 4 Fr.	●
1 x 6 Fr.	2 x 5 Fr.	1 x 5 Fr.	2 x 4 Fr.	●
1 x 7 Fr.	2 x 5 Fr.	1 x 6 Fr.	2 x 5 Fr.	●
1 x 9 Fr.	2 x 6 Fr.	1 x 9 Fr.	2 x 5 Fr.	●
1 x max. 10 Fr.	2 x 8 Fr.	1 x max. 10 Fr.	2 x 8 Fr.	●

Biospy Forceps

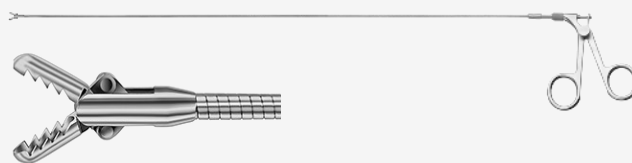
For Adults & Adolescents



	Diameter			Type		Item no.
	Ø 5 Fr.	Ø 7 Fr.	Ø 9 Fr.	flexible	semi-rigid	
Biospy forceps, 400 mm	•			•		32-4121
Biospy forceps, 400 mm		•		•		32-4120
Biospy forceps, 400 mm			•	•		32-4120-9
Biospy forceps, 400 mm	•				•	32-4121SR
Biospy forceps, 400 mm		•		•	•	32-4120SR
Biospy forceps, 400 mm			•		•	32-4120-9SR

Foreign Body Forceps

For Adults & Adolescents



	Diameter			Type		Item no.
	Ø 5 Fr.	Ø 7 Fr.	Ø 9 Fr.	flexible	semi-rigid	
Foreign body forceps, 400 mm	•			•		32-4126
Foreign body forceps, 400 mm		•		•		32-4125
Foreign body forceps, 400 mm	•				•	32-4126SR
Foreign body forceps, 400 mm		•			•	32-4125SR

Serrated Grasping Forceps

For Adults & Adolescents



	Diameter			Type		Item no.
	Ø 5 Fr.	Ø 7 Fr.	Ø 9 Fr.	flexible	semi-rigid	
Serrated grasping forceps, 400 mm	•			•		32-4131
Serrated grasping forceps, 400 mm		•		•		32-4130
Serrated grasping forceps, 400 mm			•	•		32-4130-9
Serrated grasping forceps, 400 mm	•				•	32-4131SR
Serrated grasping forceps, 400 mm		•		•	•	32-4130SR
Serrated grasping forceps, 400 mm			•		•	32-4130-9SR

Scissors

For Adults & Adolescents



	Diameter			Type		Item no.
	Ø 5Fr.	Ø 7Fr.	Ø 9Fr.	flexible	semi-rigid	
Scissors, 400 mm	•			•		32-4136
Scissors, 400 mm		•		•		32-4135
Scissors, 400 mm			•	•		32-4135-9
Scissors, 400 mm	•				•	32-4136SR
Scissors, 400 mm		•		•	•	32-4135SR
Scissors, 400 mm			•		•	32-4135-9SR

Hook Scissors

For Adults & Adolescents



	Diameter		Type		Item no.
	Ø 5Fr.	Ø 9Fr.	flexible	semi-rigid	
Hook scissors, 400 mm	•		•		32-4140
Hook scissors, 400 mm		•	•		32-4140-9
Hook scissors, 400 mm	•			•	32-4140SR
Hook scissors, 400 mm		•		•	32-4140-9SR

DJ Grasping Forceps

For Adults & Adolescents



	Diameter			Type		Item no.
	Ø 5Fr.	Ø 7Fr.	Ø 9Fr.	flexible	semi-rigid	
DJ grasping forceps, 400 mm	•			•		32-4170
DJ grasping forceps, 400 mm		•		•		32-4170-7
DJ grasping forceps, 400 mm			•	•		32-4170-9
DJ grasping forceps, 400 mm	•				•	32-4170SR
DJ grasping forceps, 400 mm		•		•	•	32-4170-7SR
DJ grasping forceps, 400 mm			•		•	32-4170-9SR

Flexible Ball Electrodes, Monopolar

For Adults & Adolescents



	Diameter			Item no.
	Ø 3 Fr.	Ø 5 Fr.	Ø 7 Fr.	
Flexible ball electrode, monopolar, 470 mm	•			32-4202-3
Flexible ball electrode, monopolar, 470 mm		•		32-4202
Flexible ball electrode, monopolar, 470 mm			•	32-4150

Flexible Needle Electrodes, Monopolar

For Adults & Adolescents



	Diameter			Item no.
	Ø 3 Fr.	Ø 5 Fr.	Ø 7 Fr.	
Flexible needle electrode, monopolar, 470 mm	•			32-4201-3
Flexible needle electrode, monopolar, 470 mm		•		32-4201
Flexible needle electrode, monopolar, 470 mm			•	32-4155

Flexible Loop Electrodes, Monopolar

For Adults & Adolescents



	Diameter		Item no.
	Ø 5 Fr.	Ø 7 Fr.	
Flexible loop electrode, monopolar, 470 mm	•		32-4203-5
Flexible loop electrode, monopolar, 470 mm		•	32-4202

Flexible Ball Electrode, Bipolar

For Adults & Adolescents



Item no.

Flexible ball electrode, bipolar, Ø 5 Fr., 360 mm

32-4202BP

Flexible Needle Electrode, Bipolar

For Adults & Adolescents



Item no.

Flexible needle electrode, bipolar, Ø 5 Fr., 360 mm

32-4201BP

Dormia Stone Baskets

For Use with 32-4211 / 32-4212



	Diameter		Wires		Item no.
	Ø 5 Fr.	Ø 7 Fr.	4 wires	6 wires	
Dormia stone basket, 600 mm	•		•		32-4204
Dormia stone basket, 600 mm	•		•		32-4206
Dormia stone basket, 600 mm		•		•	32-4209
Dormia stone basket, 600 mm		•		•	32-4210

Handles for Dormia Stone Baskets



	Diameter		Item no.
	Ø 5 Fr.	Ø 7 Fr.	
Handle for dormia stone basket	•		32-4211
Handle for dormia stone basket		•	32-4212

Compact Mini Cystoscopes

Key Features

- **Soft-dilation** sheath in 3 sizes
- Working channel for use with **semi-rigid, flexible instruments** and high-flow cannula
- Large variety of all accessories for all kinds of **pediatric urology procedures**



... more Features

- Silicone valve for safe and easy handling of all accessories
- Light-weight engineering
- "Easy to use" concept
- 2 lateral suction-irrigation stop cocks



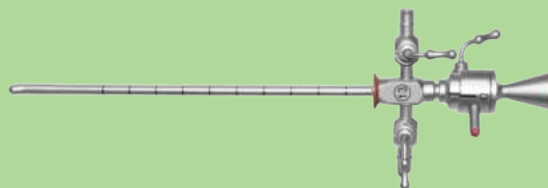
Compact Mini Cystoscopes



	Sheath diameter	Work. channel	Field of view		Length		Item no.
	Ø 4.9-6.5 Fr. Ø 6-7 Fr. Ø 7.5-9 Fr.	Ø 4 Fr. Ø 5.1 Fr. Ø 6.8 Fr.	80°	90°	150 mm	220 mm	
Compact Mini Cystoscope, 0°	•	•	•		•		32-4011
Compact Mini Cystoscope, 0°	•	•	•		•		32-4012
Compact Mini Cystoscope, 0°	•	•	•		•		32-4013

Cysto-Urethroscope Sheaths incl. Obturator

2 Lateral Stopcocks / Pediatrics



	Diameter	For use with scope		Color coding	Item no.
		Ø 2 mm	Ø 2.7 mm		
Cysto-Urethroscope sheath with 3 Fr. work. channel incl. obturator includes Cysto-Urethroscope sheath with working chan., Ø 9.5 Fr. 32-4511S and Standard obturator for 32-4511S 32-45110	Ø 9.5 Fr.	•		●	32-4511
Cysto-Urethroscope sheath with 3 Fr. work. channel incl. obturator includes Cysto-Urethroscope sheath with working chan., Ø 11 Fr. 32-4510S and Standard obturator for 32-4070S 32-45100	Ø 11 Fr.	•		●	32-4510
Cysto-Urethroscope sheath with 3 Fr. work. channel incl. obturator includes Cysto-Urethroscope sheath with working chan., Ø 13 Fr. 32-4298S and Standard obturator for 32-4075S 32-42980	Ø 13 Fr.		•	●	32-4298

Standard Obturators for Cysto-Urethroscope Sheaths

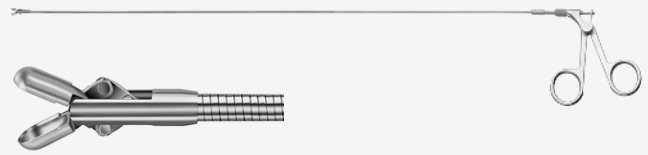
For Use with Sheaths with Working Channel / Pediatrics



	For use with scope		Diameter	Color coding	Item no.
	Ø 2 mm	Ø 2.7 mm			
Standard obturator for cysto-urethroscope-sheath	•		9.5 Fr.	●	32-45110
Standard obturator for cysto-urethroscope-sheath	•		11 Fr.	●	32-45100
Standard obturator for cysto-urethroscope-sheath		•	13 Fr.	●	32-42980

Biospy Forceps

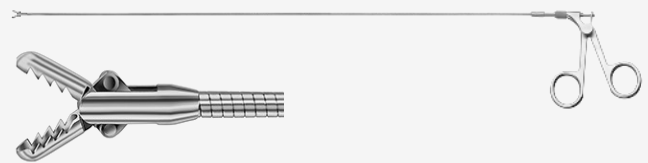
For Pediatrics



	For use with scope			Diameter			Type		Item no.
	32-4013	32-4012	32-4011	Ø 3 Fr.	Ø 4 Fr.	Ø 5 Fr.	flexible	semi-rigid	
Biospy forceps, 280 mm	•			•			•		32-4162
Biospy forceps, 280 mm		•			•		•		32-4162-4
Biospy forceps, 280 mm			•			•	•		32-4162-5
Biospy forceps, 280 mm	•			•				•	32-4162SR
Biospy forceps, 280 mm		•			•		•		32-4162-4SR
Biospy forceps, 280 mm			•			•		•	32-4162-5SR

Foreign Body Forceps

for Pediatrics



	For use with scope		Diameter		Type		Item no.
	32-4012	32-4011	Ø 4 Fr.	Ø 5 Fr.	flexible	semi-rigid	
Foreign body forceps, 280 mm	•		•		•		32-4164-4
Foreign body forceps, 280 mm		•		•	•		32-4164-5
Foreign body forceps, 280 mm	•		•			•	32-4164-4SR
Foreign body forceps, 280 mm		•		•		•	32-4164-5SR

Serrated Grasping Forceps

For Pediatrics



	For use with scope			Diameter			Type		Item no.
	32-4013	32-4012	32-4011	Ø 3 Fr.	Ø 4 Fr.	Ø 5 Fr.	flexible	semi-rigid	
Serrated grasping forceps, 280 mm	•			•			•		32-4160
Serrated grasping forceps, 280 mm		•			•		•		32-4160-4
Serrated grasping forceps, 280 mm			•			•	•		32-4160-5
Serrated grasping forceps, 280 mm	•			•				•	32-4160SR
Serrated grasping forceps, 280 mm		•			•		•		32-4160-4SR
Serrated grasping forceps, 280 mm			•			•		•	32-4160-5SR

Scissors

For Pediatrics



	For use with scope		Diameter		Type		Item no.
	32-4012	32-4011	Ø 4 Fr.	Ø 5 Fr.	flexible	semi-rigid	
Scissors, 280 mm	•		•		•		32-4168-4
Scissors, 280 mm		•		•	•		32-4168-5
Scissors, 280 mm	•		•			•	32-4168-4SR
Scissors, 280 mm		•		•		•	32-4168-5SR

Flexible Ball Electrode

For Pediatrics



	Item no.
Flexible ball electrode, monopolar, Ø 3 Fr., 470 mm	32-4202-3

Flexible Needle Electrode

For Pediatrics



	Item no.
Flexible needle electrode, monopolar, Ø 3 Fr., 470 mm	32-4201-3



Flexible Cystoscope

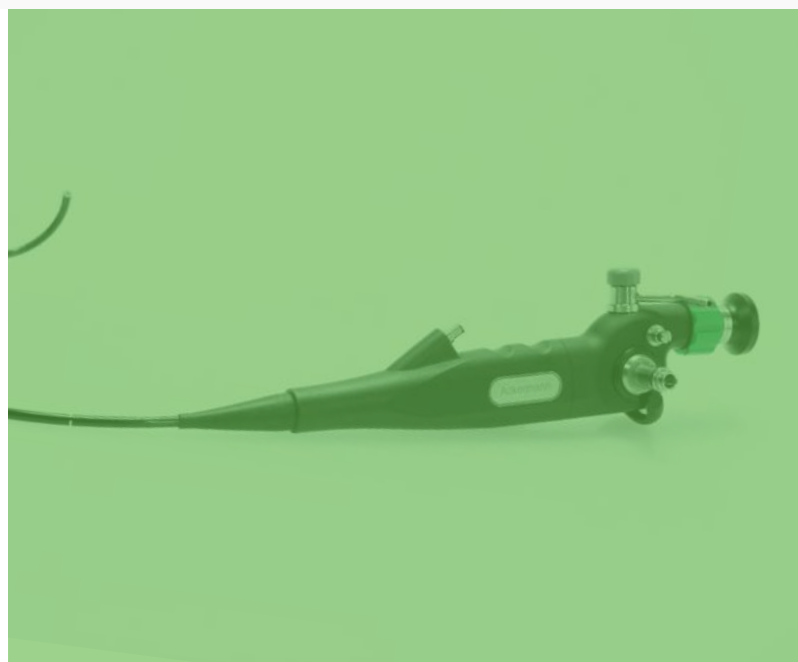
Key Features

- **18.000 pixels** ensure highest image quality and
- A **100° viewing angle** allows for enhanced visibility
- The riveted deflection mechanism **reduces the risk of cracks** at the distal end
- Active dual angular deflection of **210° up and 120° down** for maximized versatility
- A **Ø 5.5 mm insertion tube** featuring a **Ø 2.3 mm working channel** allows for precise and delicate maneuverability



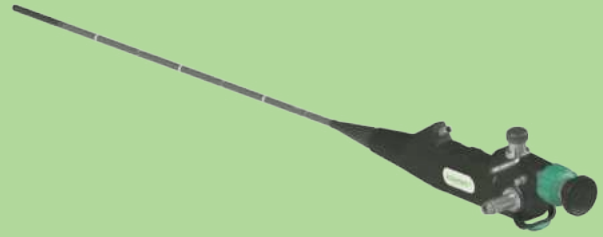
... more Features

- Total working length of 380 mm
- Light-weight design combined with a highly ergonomic handle for increased ease of use
- Compatible with all standard flexible instruments and camera systems
- Comes with purge valve, leakage tester and ETO cap



Flexible Cystoscope

For Use with Flexible Instruments



	Item no.
Flexible Cystoscope , Ø 16.5 Fr. sheath, Ø 6.9 Fr. work. chan., 210°/120° angulation, 100° field of view, 380 mm, includes suction valve, leakage tester and case	32-0000FLEX

Resectoscopy

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Bipolar Resectoscopy

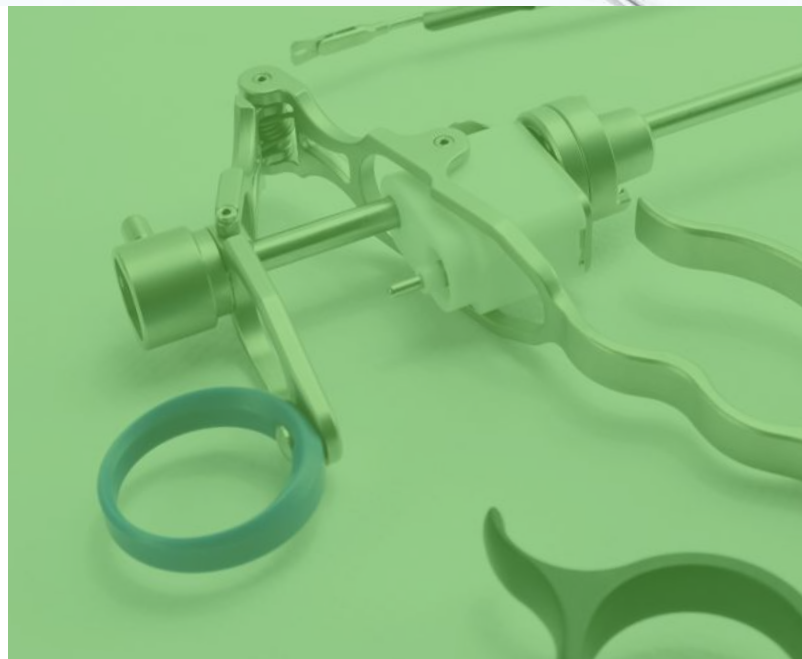
Key Features

- **True bipolar system** featuring a fully controlled flow of current eliminating the risk of unwanted thermal damage or electric exposure
- Specially insulated electrode tips ensure no **accidental tissue coagulation** by a second electrode
- **Convenient electrode replacement** without the need of removing the cable in situ
- **Open system** with enhanced compatibility properties



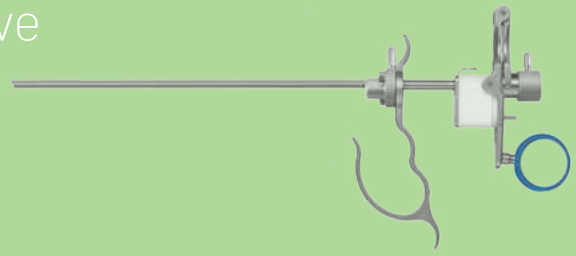
... more Features

- No risk of TUR syndrome by use of NaCl
- Single bipolar connector and quick assembly
- Excellent cutting, ignition and coagulation performance due to minimized distance between electrodes
- Premium, durable reusable electrodes



Bipolar Working Element, Passive

For Use with Ø 24 / 26 Fr. Bipolar Electrodes, Sheath and Ø 4 mm Scope



	Item no.
Bipolar working element , closed handle, passive	32-4220BP

Bipolar Working Element, Active

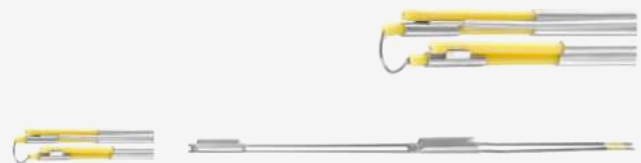
For Use with Ø 24 / 26 Fr. Bipolar Electrodes, Sheath and Ø 4 mm Scope



	Item no.
Bipolar working element , closed handle, active	32-4216BP

Bipolar Loop Electrode, 90°

For Use with 0° Scope



	Color coding	Item no.
Loop electrode, 90° , bipolar, Ø 24 / 26 Fr.	●	32-4235BP

Bipolar Loop Electrode, Retrograde

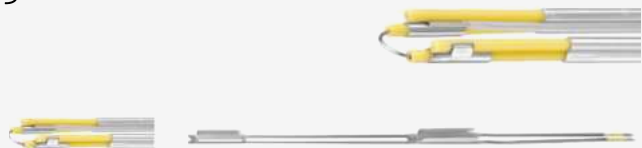
For Use with 30° Scope



	Color coding	Item no.
Loop electrode, retrograde, bipolar, Ø 24 / 26 Fr.	●	32-4240BP

Bipolar Loop Electrode, Straight

For Use with 0° / 12° / 30° / 70° Scope



	Color coding	Item no.
Loop electrode, straight, bipolar, Ø 24 / 26 Fr.	●	32-4245BP

Bipolar Ball Electrode

For Use with 0° / 12° / 30° / 70° Scope



	Color coding	Item no.
Ball electrode Ø 3 mm, bipolar, Ø 24 / 26 Fr.	●	32-4250BP

Bipolar Knife Electrode

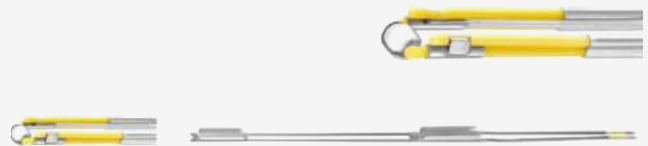
For Use with 0° / 12° / 30° / 70° Scope



	Color coding	Item no.
Knife electrode , bipolar, Ø 24 / 26 Fr.	●	32-4265BP

Bipolar Roller Barrel Electrode

For Use with 0° / 12° / 30° / 70° Scope



	Color coding	Item no.
Roller barrel electrode , bipolar, Ø 24 / 26 Fr.	●	32-4266BP

Resectoscopy Sheath incl. Obturator

Continuous-flow, Rotatable / Adults



	Color coding	Item no.
Resectoscopy sheath incl. obturator , continuous-flow, rotatable, Ø 24 / 26 Fr., for use with Ø 4 mm scope	●	32-4205RR
includes Resectoscopy outer sheath, continuous-flow, rotatable		32-4205RR0S
and Resectoscopy inner sheath, continuous-flow, rotatable		32-4205RRIS
and Standard obturator for resectoscopy sheath		32-4227

Resectoscopy Sheath incl. Obturator

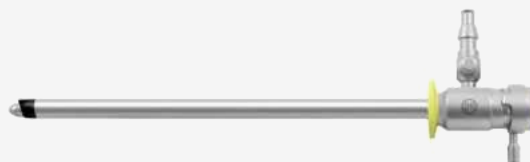
Continuous-flow / Adults



	Color coding	Item no.
Resectoscopy sheath incl. obturator , continuous-flow, Ø 24 / 26 Fr., for use with Ø 4 mm scope	●	32-4205
includes Resectoscopy outer sheath, continuous-flow		32-42050S
and Resectoscopy inner sheath, continuous-flow		32-4205IS
and Standard obturator for resectoscopy sheath		32-4227

Resectoscopy Sheath incl. Obturator

1 Stopcock / Adults



	Color coding	Item no.
Resectoscopy sheath incl. obturator , 1 stopcock, Ø 24 / 26 Fr., for use with Ø 4 mm scope	●	32-4222
includes Resectoscopy sheath, 1 stopcock		32-4222S
and Standard obturator for resectoscopy sheath		32-4227

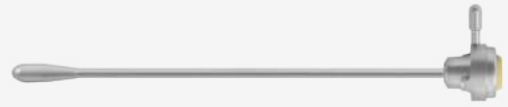
Resectoscopy Sheath incl. Obturator

1 Stopcock / Adults



	Color coding	Item no.
Resectoscopy sheath incl. obturator , 1 stopcock, Ø 24 / 26 Fr., for use with Ø 4 mm scope	●	32-4205CV
includes Resectoscopy sheath, 1 stopcock		32-4205CVS
and Standard obturator for resectoscopy sheath		32-4227

Standard Resectoscopy Obturator



	Color coding	Item no.
Standard obturator for resectoscopy sheath, Ø 24 / 26 Fr.	●	32-4227

Visual Resectoscopy Obturator



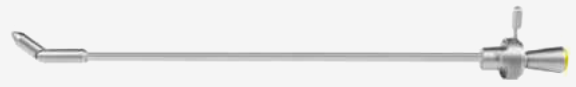
	Color coding	Item no.
Visual obturator for resectoscopy sheath, Ø 24 / 26 Fr.	●	32-4228

Visual Resectoscopy Obturator, Working Channel



	Color coding	Item no.
Visual obturator for resectoscopy sheath with Ø 8 Fr. working channel, Ø 24 / 26 Fr.	●	32-4228-6

Deflecting Resectoscopy Obturator



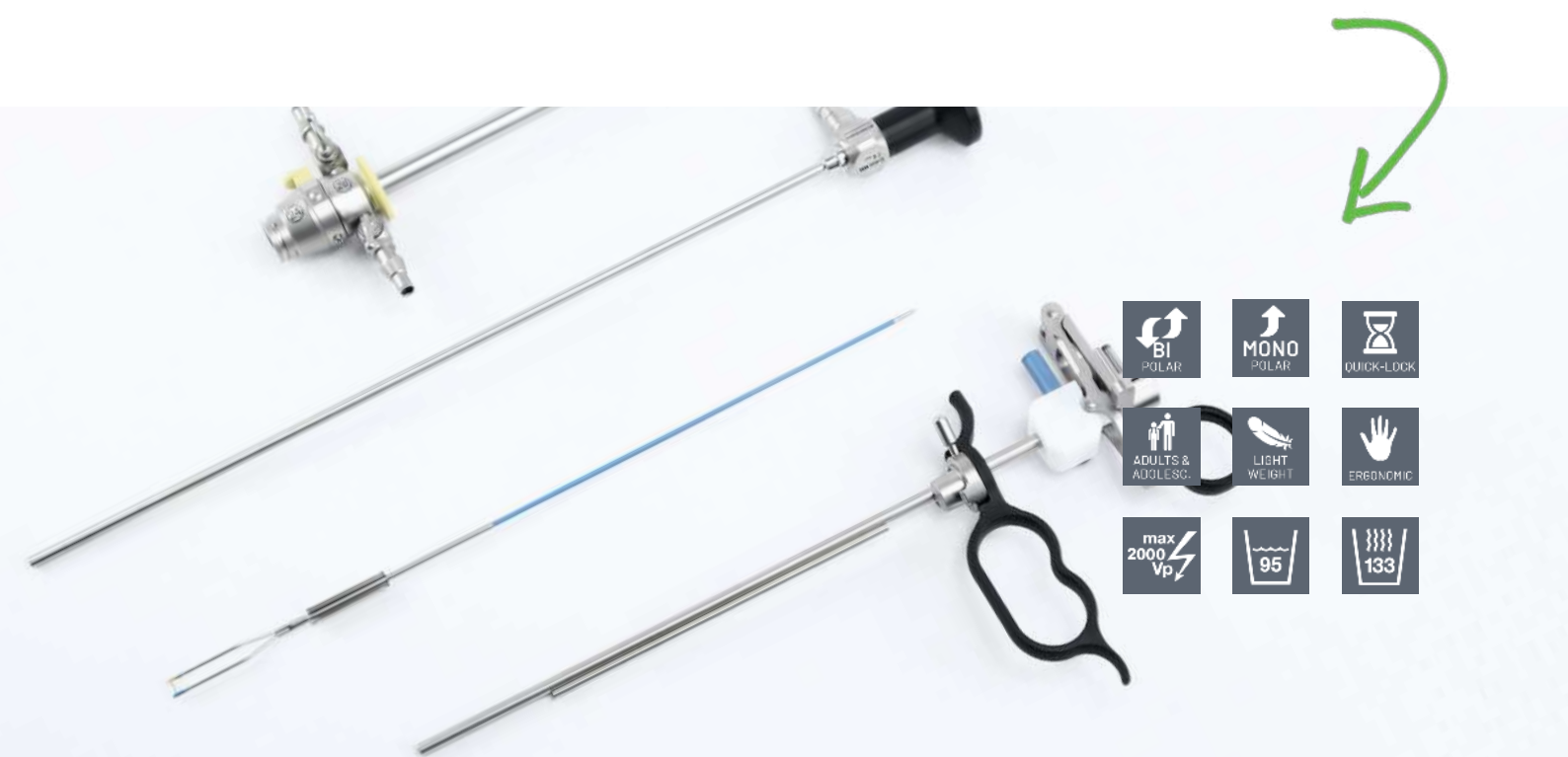
	Color coding	Item no.
Deflecting obturator for resectoscopy sheath, Ø 24 / 26 Fr.	●	32-4226



Universal Resectoscopy

Key Features

- Combines **monopolar** and **bipolar Resectoscopy** in one system for complete versatility
- **Quick-Lock connector** for convenient assembly and disassembly
- Ergonomic, **light-weight handle design** with finger tang for maximum comfort
- **Complete range** of working elements and electrodes available



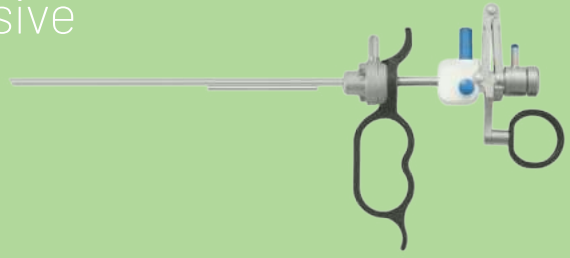
... more Features

- Monopolar mode by using a monopolar cable, neutral electrode and Glycine/ Sorbitol irrigation fluid
- Bipolar mode by using a bipolar cable and NaCl irrigation fluid



Universal Working Element, Passive

For Use with Ø 24 / 26 Fr. Universal Electrodes, Sheath and Ø 4 mm Scope



	Item no.
Universal working element, closed handle, passive	32-4220U

Universal Working Element, Active

For Use with Ø 24 / 26 Fr. Universal Electrodes, Sheath and Ø 4 mm Scope



	Item no.
Universal working element, closed handle, active	32-4216U

Universal Working Element, Passive

For Use with Ø 17.5 / 18.5 Fr. Universal Electrodes, Sheath and Ø 2.9 mm Scope



QL	
Universal working element, closed handle, passive	Item no. 32-4275U

Universal Loop Electrode 90°

For Use with 0° Scope



	Color coding	Item no.
Loop electrode, straight, universal, Ø 24 / 26 Fr.		32-4235U

Universal Loop Electrodes, Retrograde

For Use with 30° Scope



	For use with sheath Ø 17.5 / 18.5 Fr. Ø 24 / 26 Fr.	Color coding	Item no.
Loop electrode, retrograde, universal	•		32-4287U
Loop electrode, retrograde, universal	•		32-4240U

Universal Loop Electrodes, Straight

For Use with 0° / 12° / 30° / 70° Scope



	For use with sheath Ø 17.5 / 18.5 Fr. Ø 24 / 26 Fr.	Color coding	Item no.
Loop electrode, straight, universal	•		32-4286U
Loop electrode, straight, universal	•		32-4245U

Universal Ball Electrodes

For Use with 0° / 12° / 30° / 70° Scope



	For use with sheath Ø 17.5 / 18.5 Fr. Ø 24 / 26 Fr.	Color coding	Item no.
Ball electrode , Ø 3 mm, universal	•	●	32-4288U
Ball electrode , Ø 3 mm, universal	•	●	32-4250U

Universal Knife Electrodes

For Use with 0° / 12° / 30° / 70° Scope



	For use with sheath Ø 17.5 / 18.5 Fr. Ø 24 / 26 Fr.	Color coding	Item no.
Knife electrode , universal	•	●	32-4289U
Knife electrode , universal	•	●	32-4265U

Universal Vaporization Electrode

For Use with 0° / 12° / 30° / 70° Scope



	Color coding	Item no.
Vaporization electrode , universal, Ø 24 / 26 Fr.	●	32-4255U

Universal Roller Barrel Electrodes

For Use with 0° / 12° / 30° / 70° Scope



	For use with sheath	Color coding	Item no.
	Ø 17.5 / 18.5 Fr. Ø 24 / 26 Fr.		
Roller Barrel electrode, Ø 3 mm, universal	•	●	32-4284U
Roller Barrel electrode, Ø 3 mm, universal	•	●	32-4266U

Resectoscopy Sheaths incl. Obturator

Continuous-flow, Rotatable / Adults & Adolescents



	Diameter	For use with scope	Color coding	Item no.
		Ø 2.9 mm Ø 4 mm		
Resectoscopy sheath incl. obturator, continuous-flow, rotatable	Ø 24 / 26 Fr.	•	●	32-4205RR
includes Resectoscopy outer sheath, continuous-flow, rotatable 32-4205RR0S and Resectoscopy inner sheath, continuous-flow, rotatable 32-4205RRIS and Standard obturator for resectoscopy sheath 32-4227				
QL Resectoscopy sheath incl. obturator, continuous-flow, rotatable	Ø 17.5/18.5 Fr.	•	●	32-4282RR
includes Resectoscopy outer sheath, continuous-flow, rotatable 32-4282RR0S and Resectoscopy inner sheath, continuous-flow, rotatable 32-4282RRIS and Standard obturator for resectoscopy sheath 32-4344				

Resectoscopy Sheaths incl. Obturator

Continuous-flow / Adults & Adolescents



			Diameter	For use with scope	Color coding	Item no.
				Ø 2.9 mm Ø 4 mm		
Resectoscopy sheath incl. obturator, continuous-flow			Ø 24 / 26 Fr.	•	●	32-4205
includes	Resectoscopy outer sheath, continuous-flow	32-42050S				
and	Resectoscopy inner sheath, continuous-flow	32-42051S				
and	Standard obturator for resectoscopy sheath	32-4227				
QL	Resectoscopy sheath incl. obturator, continuous-flow		Ø 17.5 / 18.5 Fr.	•	●	32-4281
includes	Resectoscopy outer sheath, continuous-flow	32-42810S				
and	Resectoscopy inner sheath, continuous-flow	32-42811S				
and	Standard obturator for resectoscopy sheath	32-4344				

Resectoscopy Sheaths incl. Obturator

1 Stopcock / Adults



			Color coding	Item no.
Resectoscopy sheath incl. obturator, 1 stopcock, Ø 24 / 26 Fr., for use with Ø 4 mm scope			●	32-4222
includes	Resectoscopy sheath, 1 stopcock	32-4222S		
and	Standard obturator for resectoscopy sheath	32-4227		

Resectoscopy Sheath incl. Obturator

1 Stopcock / Adults



			Color coding	Item no.
Resectoscopy sheath incl. obturator , 1 stopcock, Ø 24 / 26 Fr., for use with Ø 4 mm scope			●	32-4205CV
includes	Resectoscopy sheath, 1 stopcock	32-4205CVS		
and	Standard obturator for resectoscopy sheath	32-4227		

Standard Resectoscopy Obturators



		For use with sheath	Color coding	Item no.
	Standard obturator for resectoscopy sheath	Ø 24 / 26 Fr.	●	32-4227
QL	Standard obturator for resectoscopy sheath	Ø 17.5 / 18.5 Fr.	●	32-4344

Visual Resectoscopy Obturator



		Color coding	Item no.
Visual obturator for resectoscopy sheath, Ø 24 / 26 Fr.		●	32-4228

Visual Resectoscopy Obturator, Working Channel



	Diameter	Color coding	Item no.
Visual obturator for resectoscopy sheath with Ø 8 Fr. working channel	Ø 24 / 26 Fr.	●	32-4228-6
QL Visual obturator for resectoscopy sheath with Ø 5 Fr. working channel, QL	Ø 17.5 / 18.5 Fr.	●	32-4342-17

Deflecting Resectoscopy Obturator



	Color coding	Item no.
Deflecting obturator for resectoscopy sheath	●	32-4226

Monopolar Resectoscopy

Key Features

- Designed for the treatment of **adults, adolescents and children**
- Ergonomic, **light-weight handle design** with finger tang for maximum comfort
- **Open system** with enhanced compatibility properties
- **Complete range** of working elements and electrodes available



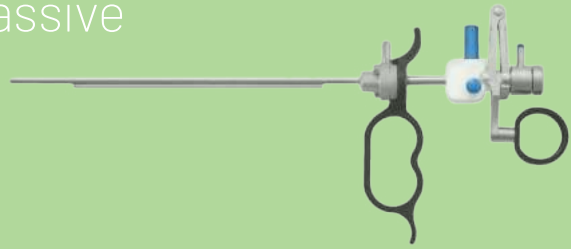
... more Features

- To be used with a monopolar cable, neutral electrode and Glycine/ Sorbitol irrigation fluid



Monopolar Working Element, Passive

For Use with Monopolar Electrodes, Sheath and Ø 2.9 mm / 4 mm Scope



	For use with electrodes			Color coding	Item no.
	Ø 19 Fr.	Ø 24 Fr.	Ø 27 Fr.		
Monopolar working element , closed handle, passive		•	•	● ●	32-4220
Monopolar working element , closed handle, passive	•			●	32-4275

Monopolar Working Element, Active

For Use with Monopolar Electrodes, Sheath and Ø 2.9 mm / 4 mm Scope



	For use with electrodes			Color coding	Item no.
	Ø 19 Fr.	Ø 24 Fr.	Ø 27 Fr.		
Monopolar working element , closed handle, active		•	•	● ●	32-4216
Monopolar working element , closed handle, active	•			●	32-4285

Monopolar Loop Electrodes, 90°

For Use with 0° Scope



	For use with sheath			Color coding	Item no.
	Ø 19 / 22 Fr.	Ø 24 / 26 Fr.	Ø 27 / 28.5 Fr.		
Loop electrode, 90° , monopolar			•	●	32-4295
Loop electrode, 90° , monopolar		•		●	32-4235
Loop electrode, 90° , monopolar	•			●	32-4235

Monopolar Loop Electrodes, Retrograde

For Use with 30° Scope



	For use with sheath			Color coding	Item no.
	Ø 19 / 22 Fr.	Ø 24 / 26 Fr.	Ø 27 / 28.5 Fr.		
Loop electrode, retrograde, monopolar			•	●	32-4300
Loop electrode, retrograde, monopolar		•		●	32-4240
Loop electrode, retrograde, monopolar	•			●	32-4277

Monopolar Loop Electrode, Straight

For Use with 0° / 12° / 30° / 70° Scope



	For use with sheath			Color coding	Item no.
	Ø 19 / 22 Fr.	Ø 24 / 26 Fr.	Ø 27 / 28.5 Fr.		
Loop electrode, straight, monopolar			•	●	32-4310
Loop electrode, straight, monopolar		•		●	32-4245
Loop electrode, straight, monopolar	•			●	32-4276

Monopolar Ball Electrodes

For Use with 0° / 12° / 30° / 70° Scope



	Ball diameter		For use with sheath		Color coding	Item no.
	Ø 3 mm	Ø 5 mm	Ø 19 / 22 Fr.	Ø 24 / 26 Fr.		
Ball electrode, monopolar	•			•	●	32-4250
Ball electrode, monopolar		•		•	●	32-4260
Ball electrode, monopolar	•		•		●	32-4278

Monopolar Knife Electrodes

For Use with 0° / 12° / 30° / 70° Scope



	For use with sheath	Color coding	Item no.
	Ø 19 / 22 Fr. Ø 24 / 26 Fr.		
Knife electrode , monopolar	•	•	32-4279
Knife electrode , monopolar	•	•	32-4265

Monopolar Vaporization Electrodes

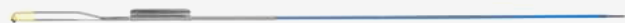
For Use with 0° / 12° / 30° / 70° Scope



	Tip diameter	Color coding	Item no.
	Ø 3 mm Ø 5 mm		
Vaporization electrode , monopolar, for use with Ø 24 / 26 Fr. sheath	•	•	32-4255
Vaporization electrode , monopolar, for use with Ø 24 / 26 Fr. sheath	•	•	32-4256

Monopolar Cone Electrode

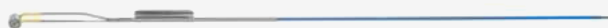
For Use with 0° / 12° / 30° / 70° Scope



	Color coding	Item no.
Cone electrode , monopolar, for use with Ø 24 / 26 Fr. sheath	•	32-4258

Monopolar Roller Barrel Electrodes

For Use with 0° / 12° / 30° / 70° Scope



	Ball diameter		For use with sheath		Color coding	Item no.
	Ø 3 mm	Ø 5 mm	Ø 19 / 22 Fr.	Ø 24 / 26 Fr.		
Roller Barrel electrode, monopolar	•			•	●	32-4266
Roller Barrel electrode, monopolar		•		•	●	32-4271
Roller Barrel electrode, monopolar	•		•		●	32-4274

Resectoscopy Sheaths incl. Obturator

Continuous-Flow, Rotatable / Adults & Adolescents



	Diameter	For use with scope		Color coding	Item no.
		Ø 2.9 mm	Ø 4 mm		
Resectoscopy sheath incl. obturator, continuous-flow, rotatable includes Resectoscopy outer sheath, continuous-flow, rotatable 32-4221RROS and Resectoscopy inner sheath, continuous-flow, rotatable 32-4221RRIS and Standard obturator for resectoscopy sheath 32-4231	Ø 27.5/28.5 Fr.		•	●	32-4221RR
Resectoscopy sheath incl. obturator, continuous-flow, rotatable includes Resectoscopy outer sheath, continuous-flow, rotatable 32-4205RROS and Resectoscopy inner sheath, continuous-flow, rotatable 32-4205RRIS and Standard obturator for resectoscopy sheath 32-4227	Ø 24 / 26 Fr.		•	●	32-4205RR
Resectoscopy sheath incl. obturator, continuous-flow, rotatable includes Resectoscopy outer sheath, continuous-flow, rotatable 32-4292RROS and Resectoscopy inner sheath, continuous-flow, rotatable 32-4292RRIS and Standard obturator for resectoscopy sheath 32-42910	Ø 19 / 22 Fr.	•		●	32-4292RR

Resectoscopy Sheaths incl. Obturator

Continuous-Flow / Adults & Adolescents



			Diameter	For use with scope	Color coding	Item no.
				Ø 2.9 mm Ø 4 mm		
Resectoscopy sheath incl. obturator, continuous-flow			Ø 27.5/28.5 Fr.	•	●	32-4221
includes	Resectoscopy outer sheath, continuous-flow	32-42210S				
and	Resectoscopy inner sheath, continuous-flow	32-42211S				
and	Standard obturator for resectoscopy sheath	32-4231				
Resectoscopy sheath incl. obturator, continuous-flow			Ø 24 / 26 Fr.	•	●	32-4205
includes	Resectoscopy outer sheath, continuous-flow	32-42050S				
and	Resectoscopy inner sheath, continuous-flow	32-42051S				
and	Standard obturator for resectoscopy sheath	32-4227				
Resectoscopy sheath incl. obturator, continuous-flow			Ø 19 / 22 Fr.	•	●	32-4290
includes	Resectoscopy outer sheath, continuous-flow	32-42900S				
and	Resectoscopy inner sheath, continuous-flow	32-42901S				
and	Standard obturator for resectoscopy sheath	32-42910				

Resectoscopy Sheaths incl. Obturator

1 Stopcock / Adults



			Diameter	Color coding	Item no.
Resectoscopy sheath incl. obturator, 1 stopcock, for use with Ø 4 mm scope			Ø 27.5/28.5 Fr.	●	32-4225
includes	Resectoscopy sheath, 1 stopcock	32-4225S			
and	Standard obturator for resectoscopy sheath	32-4231			
Resectoscopy sheath incl. obturator, 1 stopcock, for use with Ø 4 mm scope			Ø 24 / 26 Fr.	●	32-4222
includes	Resectoscopy sheath, 1 stopcock	32-4222S			
and	Standard obturator for resectoscopy sheath	32-4227			

Resectoscopy Sheaths incl. Obturator

1 Stopcock / Adults



			Diameter	Color coding	Item no.
Resectoscopy sheath incl. obturator, 1 stopcock			Ø 27.5 / 28.5 Fr.	●	32-4221CV
includes	Resectoscopy sheath, 1 stopcock	32-4221CVS			
and	Standard obturator for resectoscopy sheath	32-4231			
Resectoscopy sheath incl. obturator, 1 stopcock			Ø 24 / 26 Fr.	●	32-4205CV
includes	Resectoscopy sheath, 1 stopcock	32-4205CVS			
and	Standard obturator for resectoscopy sheath	32-4227			

Standard Resectoscopy Obturators



	For use with sheath	Color coding	Item no.
Standard obturator for resectoscopy sheath	Ø 27 / 28.5 Fr.	●	32-4231
Standard obturator for resectoscopy sheath	Ø 24 / 26 Fr.	●	32-4227
Standard obturator for resectoscopy sheath	Ø 19 / 22 Fr.	●	32-42910

Visual Resectoscopy Obturators



	For use with sheath	Color coding	Item no.
Visual obturator for resectoscopy sheath	Ø 27 / 28.5 Fr.	●	32-4240V0
Visual obturator for resectoscopy sheath	Ø 24 / 26 Fr.	●	32-4228
Visual obturator for resectoscopy sheath	Ø 19 / 22 Fr.	●	32-4342

Visual Resectoscopy Obturators, Working Channel



	Diameter	Color coding	Item no.
Visual obturator for resectoscopy sheath with Ø 9 Fr. working channel	Ø 27.5/28.5 Fr.	●	32-4240-9
Visual obturator for resectoscopy sheath with Ø 8 Fr. working channel	Ø 24 / 26 Fr.	●	32-4228-6

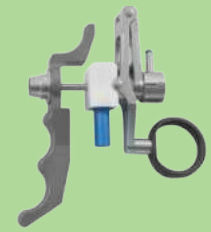
Deflecting Resectoscopy Obturators



	Diameter	Color coding	Item no.
Deflecting obturator for resectoscopy sheath	Ø 27.5/28.5 Fr.	●	32-4229
Deflecting obturator for resectoscopy sheath	Ø 24 / 26 Fr.	●	32-4226

Monopolar Working Element, Passive

For Use with Monopolar Electrodes, Sheath and Ø 2 mm /2.7 mm Scope



	For use with electrodes		Color coding	Item no.
	Ø 11 Fr.	Ø 13 Fr.		
Monopolar working element , closed handle, passive		•	●	32-4530
Monopolar working element , closed handle, passive	•		●	32-4296

Monopolar Loop Electrodes 90°, Large



	For use with sheath		Color coding	Item no.
	Ø 11 Fr.	Ø 13 Fr.		
Loop electrode 90° , large version, monopolar	•		●	32-4311
Loop electrode 90° , large version, monopolar		•	●	32-4301

Monopolar Loop Electrodes 90°, Small



	For use with sheath		Color coding	Item no.
	Ø 11 Fr.	Ø 13 Fr.		
Loop electrode 90° , small version, monopolar	•		●	32-4312
Loop electrode 90° , small version, monopolar		•	●	32-4302

Monopolar Ball Electrodes



	For use with sheath		Color coding	Item no.
	Ø 11 Fr.	Ø 13 Fr.		
Ball electrode 90°, monopolar	•		●	32-4313
Ball electrode 90°, monopolar		•	●	32-4303

Monopolar Knife Electrodes



	For use with sheath		Color coding	Item no.
	Ø 11 Fr.	Ø 13 Fr.		
Knife electrode, monopolar	•		●	32-4314
Knife electrode, monopolar		•	●	32-4304

Monopolar Hook Electrodes



	For use with sheath		Color coding	Item no.
	Ø 11 Fr.	Ø 13 Fr.		
Hook electrode, monopolar	•		●	32-4313WOB
Hook electrode, monopolar		•	●	32-4303WOB

Resectoscopy Sheaths incl. Obturator

1 Stopcock / Pediatrics



			Diameter	For use with scope	Color coding	Item no.
				Ø 2 mm Ø 2.7 mm		
Resectoscopy sheath incl. obturator, 1 stopcock			Ø 11 Fr.	•	●	32-4520
includes	Resectoscopy sheath, 1 stopcock	32-4520S				
and	Standard obturator for resectoscopy sheath	32-45200				
Resectoscopy sheath incl. obturator, 1 stopcock			Ø 13 Fr.	•	●	32-4297
includes	Resectoscopy sheath, 1 stopcock	32-4297S				
and	Standard obturator for resectoscopy sheath	32-42970				

Resectoscopy Obturator

Pediatrics



	For use with sheath	Color coding	Item no.
	Ø 11 Fr. Ø 13 Fr.		
Standard obturator for resectoscopy sheath	•	●	32-45200
Standard obturator for resectoscopy sheath	•	●	32-42970



Lithotripsy

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Lithotripsy Speciality Instruments / **p. 91 - 92**





Lithotripsy Sheath incl. Obturator

Central Valve, Quick Lock



	Diameter	For use with scope	Color coding	Item no.
		Ø 4 mm, 0° Ø 4 mm, 30°		
Lithotripsy sheath incl. obturator, central valve, Quick Lock	Ø 24 Fr.	• •	●	32-4061
includes	Lithotripsy sheath, central valve, Quick-Lock			32-4061S
and	Standard obturator, Quick Lock, for 32-4061S			32-4063

Lithotripsy Standard Obturator

For Use with 32-4061S



	Item no.
Standard obturator for lithotripsy sheath, Ø 24 Fr., Quick-Lock	32-4063

Lithotripsy Visual Obturator

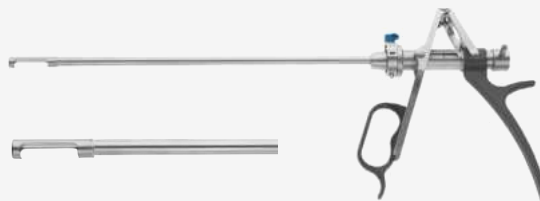
For Use with 32-4061S



	Item no.
Visual obturator for lithotripsy sheath, Ø 24 Fr., , Ø 7 Fr. working channel, Quick-Lock	32-4062

Mauermayer Stone Punch

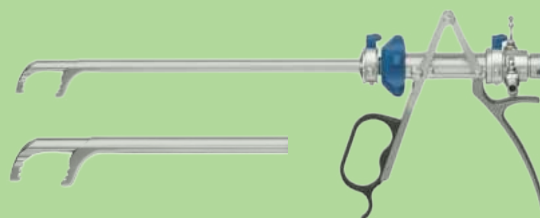
For Use with 32-4061 / 32-4062 / 32-4063



Mauermayer stone punch, for small stones and fragments, Quick-Lock

Item no.
32-4069

Stone Lithotripter "The Beast"



Stone lithotripter, demountable into 3 parts, Quick-Lock

Item no.
32-4064

Optical Stone Forceps

For Use with 25 Fr. Cystoscopy Sheath plus 32-4067



Optical stone forceps, for small stones and stone fragments only

Item no.
32-4066

Adapter for Optical Stone Forceps



Adapter for optical stoneforceps 32-4066, use with Ackermann resectoscopy outer sheaths

Item no.
32-4067



Urethrotomy

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Urethrotomy Sheaths & Obturators / **p. 97 - 98 & 101**

Cold Knives / **p. 99 - 100 & 102 - 103**

Otis Urethrotome / **p. 100**





Monopolar Working Element, Passive

For Use with Cold Knives, without HF !



	Item no.
Monopolar working element , closed handle, passive, for use with Ø 21 Fr. cold knives without HF	32-4220

Monopolar Working Element, Active

For Use with Cold Knives, without HF !



	Item no.
Monopolar working element , closed handle, active, for use with Ø 21 Fr. cold knives without HF	32-4216

Working Element, Passive

For Use with Cold Knives, without HF !



	Item no.
Working element without HF connection , closed handle, passive, for use with Ø 15 Fr. cold knives	32-4220UT

Urethrotomy Sheaths incl. Obturator

2 Lateral Stopcocks / Adults & Adolescents



			Diameter		For use with scope		Item no.
			Ø 15 Fr.	Ø 21 Fr.	Ø 2.9 mm	Ø 4 mm	
Urethrotomy sheath incl. obturator, 2 lateral stopcocks				•		•	32-4370
includes	Urethrotomy sheath, 2 lateral stopcocks	32-4370S					
and	Standard obturator for 32-4370S	32-43700					
Urethrotomy sheath incl. obturator, 2 lateral stopcocks			•		•		32-4370-15
includes	Urethrotomy sheath, 2 lateral stopcocks	32-4370-15S					
and	Standard obturator for 32-4370-15S	32-4370-150					

Urethrotomy Outer Sheath for Balloon Catheter



		Item no.
Urethrotome outer sheath for balloon catheter, for use with 32-4370		32-4375

Urethrotomy Outer Sheath for Continuous-Flow



	Item no.
Urethrotome outer sheath for balloon catheter, for use with 32-4370	32-4376

Standard Urethrotomy Obturator

for Adults / Adolescents



	Diameter		For use with scope		Item no.
	Ø 15 Fr.	Ø 21 Fr.	Ø 2.9 mm	Ø 4 mm	
Standard obturator for urethrotomy sheath		•		•	32-43700
Standard obturator for urethrotomy sheath	•		•		32-4370-150

Visual Urethrotomy Obturator



	Item no.
Visual obturator for urethrotomy sheath, for use with 32-4370	32-4372

Wave-cut Cold Knives



	Diameter		For use with scope		Item no.
	Ø 15 Fr.	Ø 21 Fr.	Ø 2.9 mm	Ø 4 mm	
Wave-cut cold knife for visual urethrotome		•		•	32-4384
Wave-cut cold knife for visual urethrotome	•		•		32-4384-15

Half-round Cold Knife



	Item no.
Half-round cold knife for visual urethrotome, Ø 21 Fr., for use with Ø 4 mm scope	32-4389

Straight "Sachse" Cold Knives



	Diameter		For use with scope		Item no.
	Ø 15 Fr.	Ø 21 Fr.	Ø 2.9 mm	Ø 4 mm	
Straight "Sachse" cold knife for visual urethrotome		•		•	32-4390
Straight "Sachse" cold knife for visual urethrotome	•		•		32-4390-15

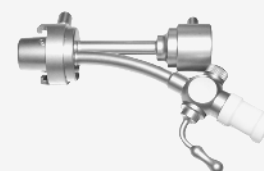
Hook-shaped Cold Knives



	Diameter		For use with scope		Item no.
	Ø 15 Fr.	Ø 21 Fr.	Ø 2.9 mm	Ø 4 mm	
Hook-shaped cold knife for visual urethrotome		•		•	32-4388
Hook-shaped cold knife for visual urethrotome	•		•		32-4388-15

Telescope Bridge

With 1 Instrument Channel



	Diameter		For use with scope		Item no.
	Ø 15 Fr.	Ø 21 Fr.	Ø 2.9 mm	Ø 4 mm	
Telescope bridge with 1 instrument channel		•		•	32-4380
Telescope bridge with 1 instrument channel	•		•		32-4380-15

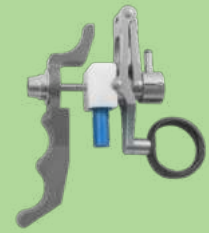
Otis Urethrotome



	Item no.
Otis urethrotome	32-4391

Monopolar Working Elements, Passive

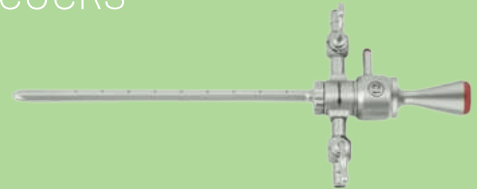
For Use with Cold Knives, without HF !



	For use with electrodes		Color coding	Item no.
	Ø 11 Fr.	Ø 13 Fr.		
Monopolar working element , closed handle, passive		•	●	32-4530
Monopolar working element , closed handle, passive	•		●	32-4296

Urethrotomy Sheaths, 2 Lateral Stopcocks

For Use with 32-4370-130 / 32-4370-110 / Pediatrics



	Diameter		For use with scope		Color coding	Item no.
	Ø 11 Fr.	Ø 13 Fr.	Ø 2 mm	Ø 2.7 mm		
Urethrotomy sheath incl. obturator , 2 lateral stopcocks		•		•	●	32-4370-13
includes Urethrotomy sheath, 2 lateral stopcocks 32-4370-13S						
and Standard obturator for 32-4370-13S 32-4370-130						
Urethrotomy sheath incl. obturator , 2 lateral stopcocks	•		•		●	32-4370-11
includes Urethrotomy sheath, 2 lateral stopcocks 32-4370-11S						
and Standard obturator for 32-4370-11S 32-4370-110						

Urethrotomy Obturators

For Use with 32-4370-13S / 32-4370-11S / Pediatrics



	Diameter		For use with scope		Color coding	Item no.
	Ø 11 Fr.	Ø 13 Fr.	Ø 2 mm	Ø 2.7 mm		
Standard obturator for urethrotomy sheath		•		•	• (Red)	32-4370-130
Standard obturator for urethrotomy sheath	•		•		• (Green)	32-4370-110

Half-round Cold Knives



	Diameter		For use with scope		Item no.
	Ø 11 Fr.	Ø 13 Fr.	Ø 2 mm, 187 mm	Ø 2.7 mm, 187 mm	
Half-round cold knife for visual urethrotome		•		•	32-4389-13
Half-round cold knife for visual urethrotome	•		•		32-4389-11

Sickle-shaped Cold Knives



	Diameter		For use with scope		Item no.
	Ø 11 Fr.	Ø 13 Fr.	Ø 2 mm, 187 mm	Ø 2.7 mm, 187 mm	
Sickle-shaped cold knife for visual urethrotome		•		•	32-4387-13
Sickle-shaped cold knife for visual urethrotome	•		•		32-4387-11

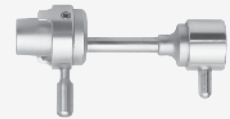
Hook-shaped Cold Knives



	Diameter		For use with scope		Item no.
	Ø 11 Fr.	Ø 13 Fr.	Ø 2 mm, 187 mm	Ø 2.7 mm, 187 mm	
Hook-shaped cold knife for visual urethrotome		•		•	32-4388-13
Hook-shaped cold knife for visual urethrotome	•		•		32-4388-11

Telescope Bridge

For Diagnostics



	Diameter		For use with scope		Item no.
	Ø 11 Fr.	Ø 13 Fr.	Ø 2 mm, 187 mm	Ø 2.7 mm, 187 mm	
Telescope bridge for pediatric visual urethrotome		•		•	32-4380-13
Telescope bridge for pediatric visual urethrotome	•		•		32-4380-11

Nephroscopy

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Short & Standard Nephroscopes

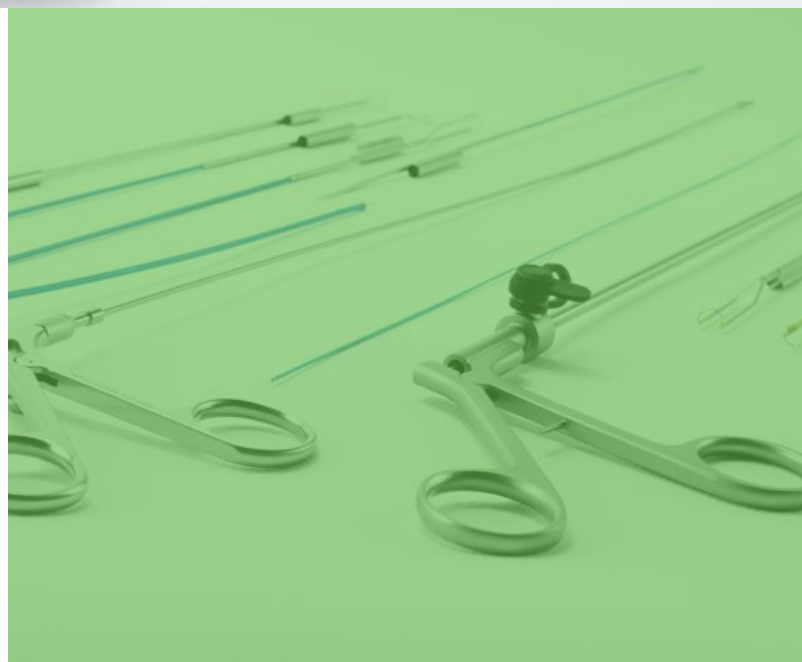
Key Features

- **Slim and robust** design with \varnothing 4.8 mm working channel
- For use with **rigid Nephroscopy instruments** in 400 or 500 mm length
- Available with **45° or 90° angled ocular** and 200 mm or 250 mm working length



... more Features

- Suitable sheaths incl. obturator with a diameter of 24 / 26 Fr.
- Viewing angle of 6°

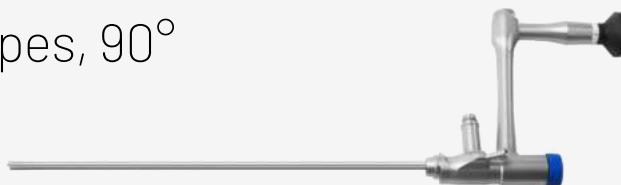


Short & Standard Nephroscopes, 45°



	Length		Item no.
	200 mm	250 mm	
Short Nephroscope , Ø 4.8 mm, 6° viewing angle, 45° ocular	•		70-8200
Standard Nephroscope , Ø 4.8 mm, 6° viewing angle, 45° ocular		•	70-8200-250

Short & Standard Nephroscopes, 90°



	Length		Item no.
	200 mm	250 mm	
Short Nephroscope , Ø 4.8 mm, 6° viewing angle, 90° ocular	•		70-8201
Standard Nephroscope , Ø 4.8 mm, 6° viewing angle, 90° ocular		•	70-8201-250

Nephroscopy Sheaths incl. Obturator

1 Lateral Stopcock, Rotatable / Short & Standard Nephroscopy



	Diameter		Use with scope		Color coding	Item no.
	Ø 24 Fr.	Ø 26 Fr.	in 200 mm	in 250 mm		
Nephroscopy sheath incl. obturator, 1 stopcock, rotatable includes Nephroscopy sheath, 1 stopcock, rotatable 70-8204S-24 and Standard obturator for 70-8204S-24 70-82040-24	•			•	●	70-8204-24
Nephroscopy sheath incl. obturator, 1 stopcock, rotatable includes Nephroscopy sheath, 1 stopcock, rotatable 70-8204S and Standard obturator for 70-8204S 70-82040		•		•	●	70-8204
Nephroscopy sheath incl. obturator, 1 stopcock, rotatable includes Nephroscopy sheath, 1 stopcock, rotatable 70-8205S-24 and Standard obturator for 70-8205S-24 70-82050-24	•			•	●	70-8205-24
Nephroscopy sheath incl. obturator, 1 stopcock, rotatable includes Nephroscopy sheath, 1 stopcock, rotatable 70-8205S and Standard obturator for 70-8205S 70-82050		•		•	●	70-8205

Nephroscopy Obturators

For Use with Sheath with 1 Lateral Stopcock, Rotatable / Short & Standard Nephroscopy



	Diameter		Color coding	Item no.
	Ø 24 Fr.	Ø 26 Fr.		
Nephroscopy obturator, cannulated	•		●	70-82040-24
Nephroscopy obturator, cannulated		•	●	70-82040
Nephroscopy obturator, cannulated	•		●	70-82050-24
Nephroscopy obturator, cannulated		•	●	70-82050

Stone Grasper

Short & Standard Nephroscopy



Stone grasping forceps, Ø 3 mm, rigid, ring handle, flushable, 400 mm

Item no.
70-8220

Biopsy Spoon

Short & Standard Nephroscopy



Biopsy spoon, Ø 3 mm, rigid, ring handle, flushable, 400 mm

Item no.
70-8225

Serrated Grasper

Short & Standard Nephroscopy



Serrated grasping forceps, Ø 3 mm, rigid, ring handle, flushable, 400 mm

Item no.
70-8230

Scissors

Short & Standard Nephroscopy



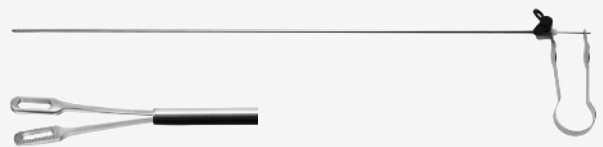
Scissors, Ø 3 mm, rigid, ring handle, flushable, 400 mm

Item no.

70-8235

Fenestrated Stone Grasper

Short & Standard Nephroscopy



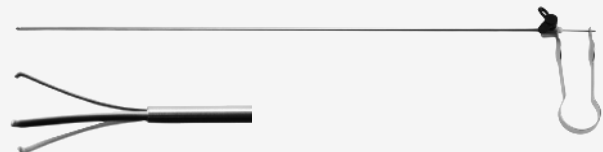
Fenestrated stone grasping forceps, Ø 3 mm, spring handle, 400 mm

Item no.

70-8210

3-Prong Grasper

Short & Standard Nephroscopy



3-Prong grasping forceps, Ø 3 mm, spring handle, 400 mm

Item no.

70-8215

Straight Knife

Short & Standard Nephroscopy



Straight knife, Ø 3 mm, 3-ring handle, 400 mm	Item no. 70-8240
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Sickle Knife

Short & Standard Nephroscopy



Sickle knife, Ø 3 mm, 3-ring handle, 400 mm	Item no. 70-8245
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Suction Tube

Short & Standard Nephroscopy



Suction tube, Ø 3 mm, 400 mm	Item no. 70-8250
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Compact Nephroscope

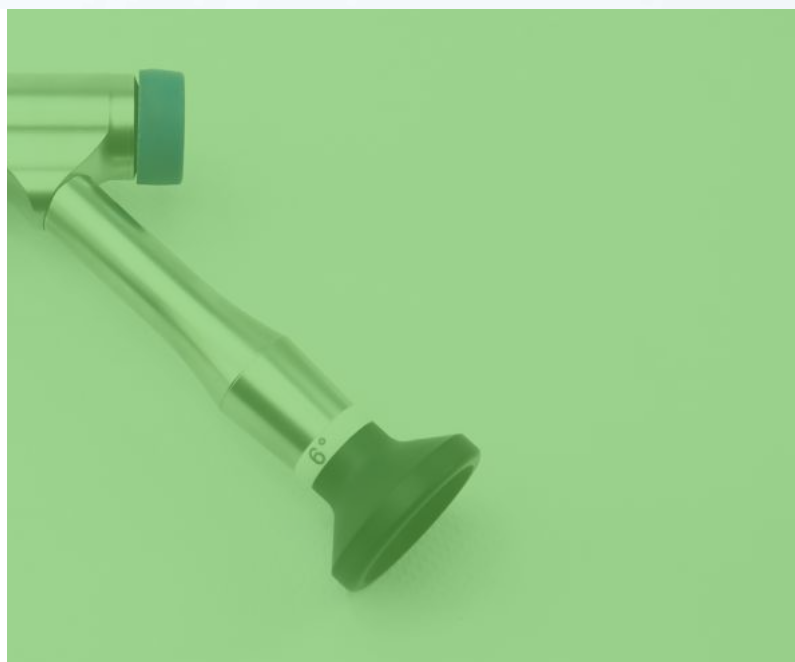
Key Features

- **Continuous-flow**-system
- Ø 18.8 Fr. sheath diameter and integrated rod lens system for **finest image quality**
- **Ideal for bariatric applications** due to 220 mm working length



... more Features

- Slim and robust design
- Oval sheath and round working channel
- Automatic valve
- Viewing angle of 6° allows field of view of 80°



Compact Nephroscope, 45°



	Item no.
Compact Nephroscope 45° , Ø 18.8 Fr., 12.9 Fr. work. ch., 6° viewing angle, 80° field of view, 220 mm	70-8200C

Nephroscopy OP Sheaths incl. Obturator

For Use with Scope 70-8200C & 70-8209A / **Compact Nephroscopy**



	Color coding	Item no.
Nephroscopy OP sheath incl. obturator, for use with Amplatz sheath, Ø 24 Fr.	●	70-8209

Amplatz Sheath for Nephroscopes

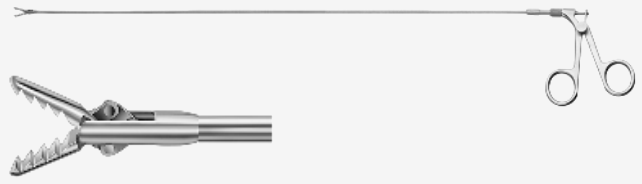
For Use with Scope 70-8200C & 70-8209A / **Compact Nephroscopy**



	Color coding	Item no.
Amplatz sheath , cannulated, Ø 27 Fr.	●	70-8209A

Stone Grasping Forceps

For Mini / Compact Nephroscopy



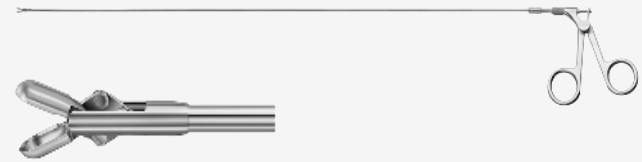
Stone grasping forceps for small stones, Ø 5 Fr., semi-rigid, ring handle, rotatable, 400 mm

Item no.

70-8255SR

Biopsy Spoon

For Mini / Compact Nephroscopy



Biopsy spoon, Ø 5 Fr., semi-rigid, ring handle, rotatable, 400 mm

Item no.

70-8260SR

Scissors

For Mini / Compact Nephroscopy



Scissors, Ø 5 Fr., semi-rigid, ring handle, rotatable, 400 mm

Item no.

70-8265SR

Stone Grasping Forceps

For Mini / Compact Nephroscopy



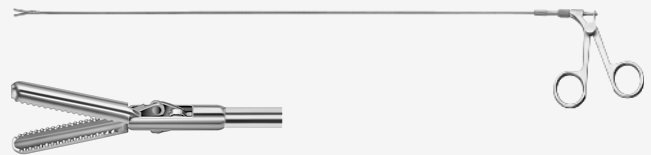
Stone grasping forceps for medium stones, Ø 5 Fr., semi-rigid, ring handle, rotatable, 400 mm

Item no.

70-8275SR

Stone Grasping Forceps

For Mini / Compact Nephroscopy



Stone grasping forceps for large stones, Ø 5 Fr., semi-rigid, ring handle, rotatable, 400 mm

Item no.

70-8280SR

Mini Nephroscope

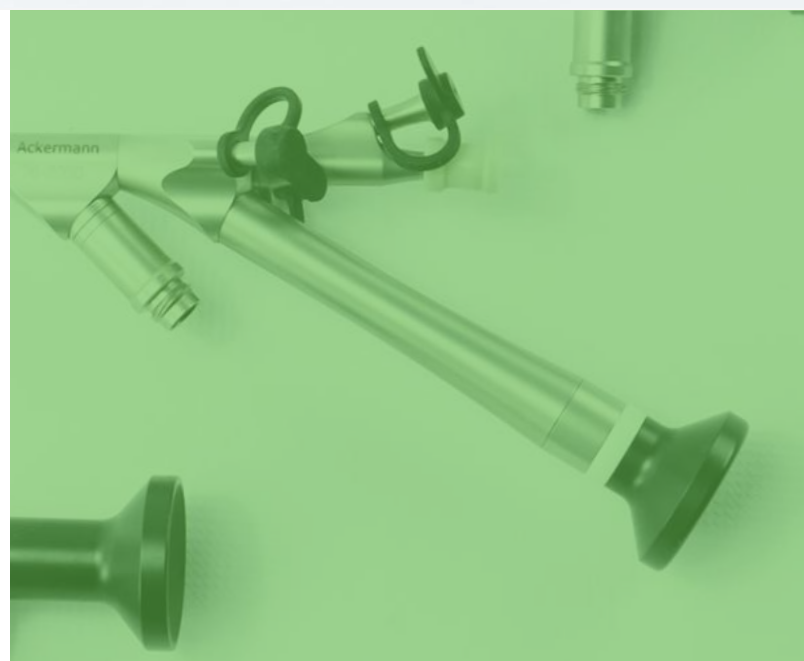
Key Features

- Extremely slim design - 12 Fr. Mini Nephroscope **minimizes kidney trauma**
- **FullHD 40.000 pixel** resolution
- **Optic creates a flushing stream** which removes stone fragments
- **Continuous-flow**-system

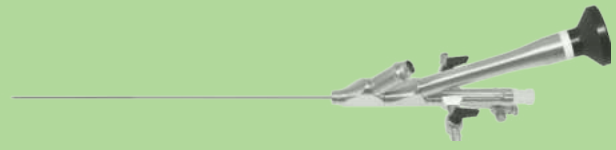


... more Features

- Suitable operating sheaths have diameters of only Ø 15 Fr., Ø 16.5 Fr. or Ø 21 Fr.
- Working channel with Ø 6.6 Fr. for instruments up to Ø 5 Fr.
- Direction of view of 12° and field of view of 80°
- Kidney stones are fragmented with a lithotripter or laser lithotripsy system



Mini Nephroscope



	Item no.
Mini Nephroscope, Ø 12 Fr. sheath, Ø 6.6 Fr. work. chan., 12° viewing angle, 80° field of view, 220 mm	70-8200MINI

Nephroscopy OP Sheaths incl. Obturator

For Use with Scope 70-8200MINI & 70-8211D / 70-8212D / 70-8213D / Mini Nephroscopy



	Diameter			Color coding	Item no.
	Ø 15/18 Fr.	Ø 16.5/19.5 Fr.	Ø 21/24 Fr.		
Nephroscopy OP sheath incl. obturator, continuous-flow	•			•	70-8213
Nephroscopy OP sheath incl. obturator, continuous-flow		•		•	70-8212
Nephroscopy OP sheath incl. obturator, continuous-flow			•	•	70-8211

Dilators for Nephroscopy OP Sheaths

For Use with Sheaths above / Mini Nephroscopy



	Cannulated		Diameter			Color coding	Item no.
	1x	2x	Ø 15/18 Fr.	Ø 16.5/19.5 Fr.	Ø 21/24 Fr.		
Dilator for nephroscopy OP sheath, cannulated	•		•			•	70-8213D
Dilator for nephroscopy OP sheath, cannulated		•		•		•	70-8212D
Dilator for nephroscopy OP sheath, cannulated		•			•	•	70-8211D

Sealing Applicator for Nephroscopy OP Sheath

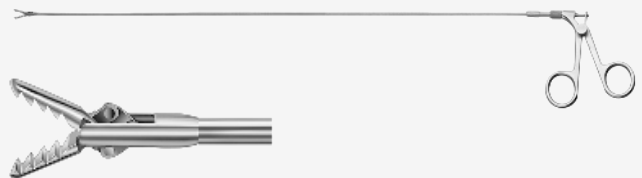
For Use with Sheaths above / **Mini Nephroscopy**



	Color coding	Item no.
Applicator for sealing , Ø 15/18 Fr., 2 parts in combination, sheath and plunger	●	70-8214

Stone Grasping Forceps

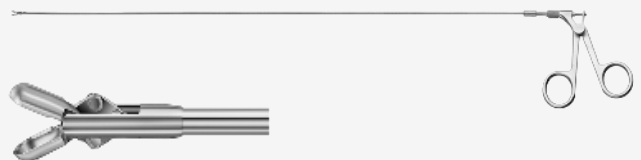
For Mini / Compact Nephroscopy



	Item no.
Stone grasping forceps for small stones , Ø 5 Fr., semi-rigid, ring handle, rotatable, 400 mm	70-8255SR

Biopsy Spoon

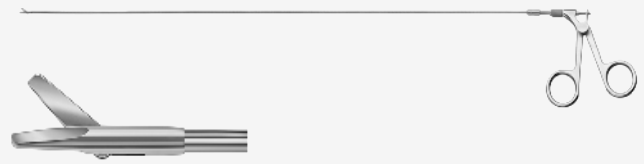
For Mini / Compact Nephroscopy



	Item no.
Biopsy spoon , Ø 5 Fr., semi-rigid, ring handle, rotatable, 400 mm	70-8260SR

Scissors

For Mini / Compact Nephroscopy



Scissors, Ø 5 Fr., semi-rigid, ring handle, rotatable, 400 mm

Item no.

70-8265SR

Stone Grasping Forceps

For Mini / Compact Nephroscopy



Stone grasping forceps for medium stones, Ø 5 Fr., semi-rigid, ring handle, rotatable, 400 mm

Item no.

70-8275SR

Stone Grasping Forceps

For Mini / Compact Nephroscopy



Stone grasping forceps for large stones, Ø 5 Fr., semi-rigid, ring handle, rotatable, 400 mm

Item no.

70-8280SR

Dilators

For Mini / Compact Nephroscopy



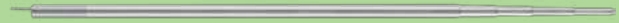
	Diameter							Item no.	
	Ø 9 Fr.	Ø 12 Fr.	Ø 15 Fr.	Ø 18 Fr.	Ø 21 Fr.	Ø 24 Fr.	Ø 27 Fr.		Ø 30 Fr.
Dilator	•							70-8206-09	
Dilator		•						70-8206-12	
Dilator			•					70-8206-15	
Dilator				•				70-8206-18	
Dilator					•			70-8206-21	
Dilator						•		70-8206-24	
Dilator							•	70-8208	
Dilator								•	70-8208-30

Guide Wires



	Type		Item no.
	flexible	rigid	
Guide wire for telescope dilation	•		70-8206-FF
Guide wire for telescope dilation		•	70-8206-FS

Telescope Dilation Sheath Set



			Item no.
Telescope dilation sheath set			70-8206
includes	Dilator in Ø 9 Fr.	70-8206-09	
and	Dilator in Ø 12 Fr.	70-8206-12	
and	Dilator in Ø 15 Fr.	70-8206-15	
and	Dilator in Ø 18 Fr.	70-8206-18	
and	Dilator in Ø 21 Fr.	70-8206-21	
and	Dilator in Ø 24 Fr.	70-8206-24	
and	Guide wire, flexible	70-8206-FF	
and	Guide wire, rigid	70-8206-FS	

Uretero-Renoscropy

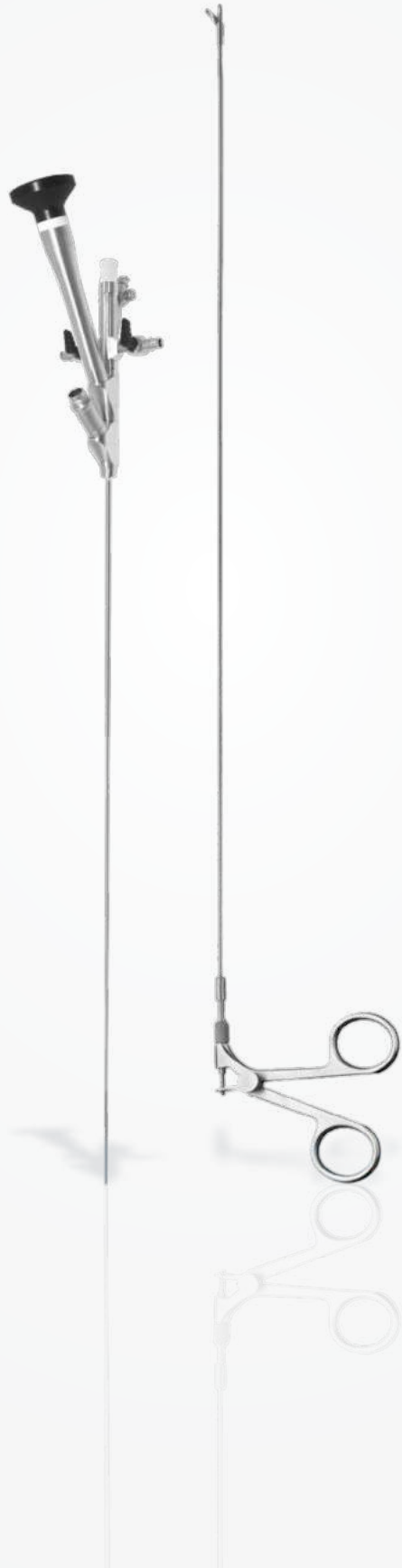
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Semi-flexible Uretero-Renoscopes / **p. 124 - 125**

Semi-rigid and Flexible Instruments / **p. 126 - 129**

Flexible Uretero-Renoscope / **p. 130 - 131**

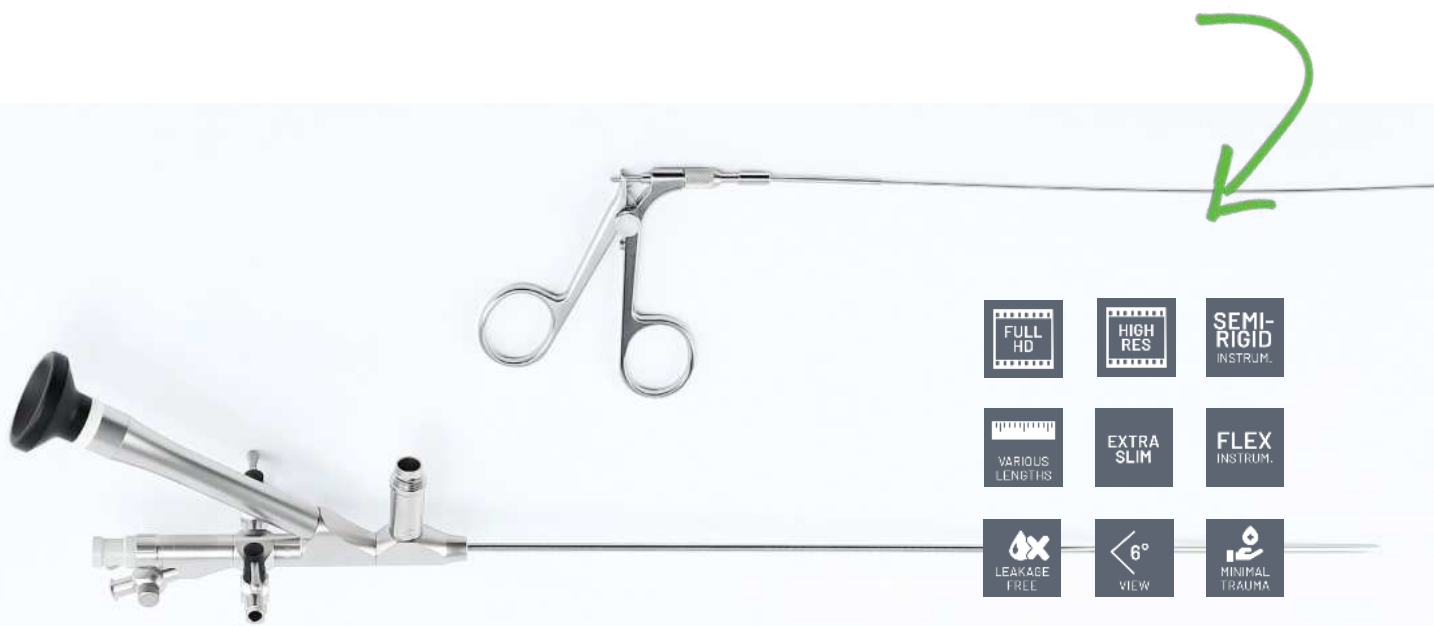




Uretero-Renoscopes

Key Features

- Available in **FullHD and HD resolution**
- **Extra-slim** working channel
- **Soft tapered sheath** allows for easy introduction and **atraumatic dilatation**
- **Semi-flexible** sheath



... more Features

- Available in different working lengths, suitable for upper and lower URS
- 45° angled light cable connector and instrument channels ensure ergonomic handling
- Improved dilatation and continuous suction enhance the field of vision during bleeding
- Leakage-free working channels due to a silicone valve with 2 parallel sealings



Standard FullHD Uretero-Renoscopes



	Sheath diameter	Length	Item no.
	Ø 7.5-9-12-13.2 Fr. Ø 7.5-9-12 Fr.	310 mm 425 mm	
FullHD Standard Uretero-Renoscope, 0°, Ø 6.8 Fr. work. ch., 90° field of view	•	•	70-8000
FullHD Standard Uretero-Renoscope, 0°, Ø 6.8 Fr. work. ch., 90° field of view	•	•	70-8001

Thin HD Uretero-Renoscopes



	Sheath diameter	Length	Item no.
	Ø 6-7.5-9-10.2 Fr. Ø 6-7-9 Fr.	310 mm 425 mm	
HD Thin Uretero-Renoscope, 0°, Ø 5.1 Fr. work. ch., 80° field of view	•	•	70-8000T
HD Thin Uretero-Renoscope, 0°, Ø 5.1 Fr. work. ch., 80° field of view	•	•	70-8001T

Ultra Thin HD Uretero-Renoscopes



	Sheath diameter	Length	Item no.
	Ø 4.9-6.5-8.1-9.3 Fr. Ø 4.9-6.5-8.1 Fr.	310 mm 425 mm	
HD Ultra Thin Uretero-Renoscope, 0°, Ø 4 Fr. work. ch., 80° field of view	•	•	70-8000UT
HD Ultra Thin Uretero-Renoscope, 0°, Ø 4 Fr. work. ch., 80° field of view	•	•	70-8001UT

Stone Grasping Forceps

For Small Stones



	Diameter			Type		Item no.
	Ø 3 Fr.	Ø 4 Fr.	Ø 5 Fr.	flexible	semi-rigid	
Stone grasping forceps, 600 mm	•			•		70-8010-3
Stone grasping forceps, 600 mm		•		•		70-8010-4
Stone grasping forceps, 600 mm			•	•		70-8010
Stone grasping forceps, 600 mm	•				•	70-8010-3SR
Stone grasping forceps, 600 mm		•		•	•	70-8010-4SR
Stone grasping forceps, 600 mm			•		•	70-8010SR

Stone Grasping Forceps

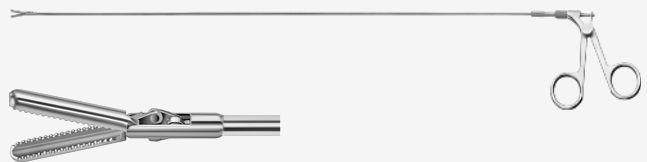
For Medium Stones



	Diameter		Type		Item no.
	Ø 4 Fr.	Ø 5 Fr.	flexible	semi-rigid	
Stone grasping forceps, 600 mm	•		•		70-8015-4
Stone grasping forceps, 600 mm		•	•		70-8015
Stone grasping forceps, 600 mm	•			•	70-8015-4SR
Stone grasping forceps, 600 mm		•		•	70-8015SR

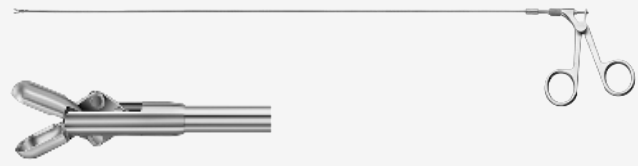
Stone Grasping Forceps

For Large Stones



	Diameter		Type		Item no.
	Ø 4 Fr.	Ø 5 Fr.	flexible	semi-rigid	
Stone grasping forceps, 600 mm	•		•		70-8025-4
Stone grasping forceps, 600 mm		•	•		70-8025
Stone grasping forceps, 600 mm	•			•	70-8025-4SR
Stone grasping forceps, 600 mm		•		•	70-8025SR

Biopsy Spoon



	Diameter			Type		Item no.
	Ø 3 Fr.	Ø 4 Fr.	Ø 5 Fr.	flexible	semi-rigid	
Biopsy spoon, 600 mm	•			•		70-8020-3
Biopsy spoon, 600 mm		•		•		70-8020-4
Biopsy spoon, 600 mm			•	•		70-8020
Biopsy spoon, 600 mm	•				•	70-8020-3SR
Biopsy spoon, 600 mm		•			•	70-8020-4SR
Biopsy spoon, 600 mm			•		•	70-8020SR

Scissors



	Diameter			Type		Item no.
	Ø 3 Fr.	Ø 4 Fr.	Ø 5 Fr.	flexible	semi-rigid	
Scissors, 600 mm	•			•		70-8030-3
Scissors, 600 mm		•		•		70-8030-4
Scissors, 600 mm			•	•		70-8030
Scissors, 600 mm	•				•	70-8030-3SR
Scissors, 600 mm		•			•	70-8030-4SR
Scissors, 600 mm			•		•	70-8030SR

Dormia Stone Basket



	Item no.
Dormia stone basket, Ø 5 Fr., 4 wires, 600 mm	70-8035

Handle for Dormia Stone Basket



Handle for dormia stone basket, Ø 5 Fr.

Item no.

32-4211

Cleaning Brush



Cleaning brush, 600 mm

Item no.

70-8040

URS Adapter

For Use with URS Scopes



URS adapter

Item no.

70-8000-100

Silicone Cap Luer Lock

For Use with URS Scopes



	Item no.
Silicone cap luer lock	70-8000A

Flexible Uretero-Renoscope

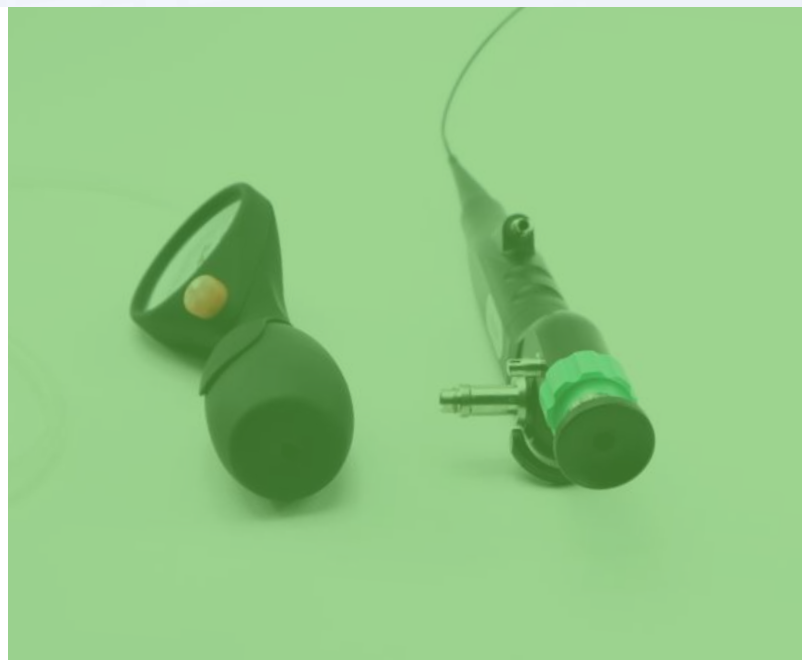
Key Features

- Enhanced active dual angular deflection of **275° up** and **275° down** for maximized versatility
- **Memory effect** in sheath for convenient readjustment
- Large **viewing angle of 88°** for increased visibility
- Total **working length of 680 mm** featuring a **Ø 1.2 mm working channel**



...more Features

- Distal tip diameter of Ø 2.5mm / 7.5 Fr.
- Ø 2.8 mm / 8.4 Fr. insertion tube diameter
- Light-weight design combined with a highly ergonomic handle for increased ease of use
- Compatible with all standard flexible instruments and camera systems
- Comes with leakage tester and ETO cap



Flexible Uretero-Renoscopy

for use with flexible instruments



	Item no.
Flexible Uretero-Renoscopy , Ø 8.4 Fr. sheath, Ø 3.6 Fr. work. chan., 275° angulation, 60° field of view, 680 mm, includes suction valve, leakage tester and case	70-0000FLEX

Urology Accessories

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Bougies by Dittel, Straight

More Sizes available in the ROLAN General Surgery Catalogue / Chapter 30



	Diameter	Item no.
Dittel Bougie , straight, without channel	Ø 9 Fr.	32-4400
Dittel Bougie , straight, without channel	Ø 10 Fr.	32-4401
Dittel Bougie , straight, without channel	Ø 12 Fr.	32-4402
Dittel Bougie , straight, without channel	Ø 13 Fr.	32-4404
Dittel Bougie , straight, without channel	Ø 15 Fr.	32-4405
Dittel Bougie , straight, without channel	Ø 16 Fr.	32-4406
Dittel Bougie , straight, without channel	Ø 18 Fr.	32-4407
Dittel Bougie , straight, without channel	Ø 19 Fr.	32-4408
Dittel Bougie , straight, without channel	Ø 21 Fr.	32-4409
Dittel Bougie , straight, without channel	Ø 22 Fr.	32-4410
Dittel Bougie , straight, without channel	Ø 24 Fr.	32-4411
Dittel Bougie , straight, without channel	Ø 25 Fr.	32-4412
Dittel Bougie , straight, without channel	Ø 27 Fr.	32-4413
Dittel Bougie , straight, without channel	Ø 28 Fr.	32-4414
Dittel Bougie , straight, without channel	Ø 30 Fr.	32-4415

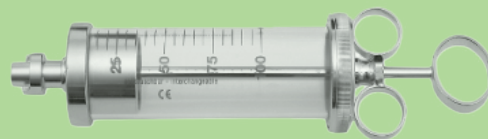
Bougies by Dittel, Curved

More Sizes available in the ROLAN General Surgery Catalogue / Chapter 30



	Diameter	Item no.
Dittel Bougie , curved, without channel	ø 8 Fr.	32-4429
Dittel Bougie , curved, without channel	ø 9 Fr.	32-4430
Dittel Bougie , curved, without channel	ø 10 Fr.	32-4431
Dittel Bougie , curved, without channel	ø 12 Fr.	32-4432
Dittel Bougie , curved, without channel	ø 13 Fr.	32-4433
Dittel Bougie , curved, without channel	ø 15 Fr.	32-4434
Dittel Bougie , curved, without channel	ø 16 Fr.	32-4435
Dittel Bougie , curved, without channel	ø 18 Fr.	32-4436
Dittel Bougie , curved, without channel	ø 19 Fr.	32-4437
Dittel Bougie , curved, without channel	ø 21 Fr.	32-4438
Dittel Bougie , curved, without channel	ø 22 Fr.	32-4439
Dittel Bougie , curved, without channel	ø 24 Fr.	32-4440
Dittel Bougie , curved, without channel	ø 25.5 Fr.	32-4441
Dittel Bougie , curved, without channel	ø 27 Fr.	32-4442
Dittel Bougie , curved, without channel	ø 28.5 Fr.	32-4443
Dittel Bougie , curved, without channel	ø 30 Fr.	32-4444

Bladder Syringe



	Item no.
Bladder syringe, 150 ml	32-4395-150

Strauss Penis Clamp



	Item no.
Strauss penis clamp	32-4420

Ellik Evacuator



	Item no.
Ellik evacuator with rubber ball and locking	32-4106
includes Glass retainer only for Ellik evacuator	32-4106E
and Rubber ball for Ellik evacuator	32-4106-100
and Tubing with locking adapter for Ellik evacuator	32-4106-200





Bipolar Resectoscopy Cables

For Use with Bipolar Resectoscope

	Generator side			Item no.
	2-Banana	Storz ¹ / Erbe ¹	Martin ¹ / Berchtold ¹ / Aesculap ¹ GK55 and GK 60	
				
	3 m length	3 m length	3 m length	
Round plug instrument side 	•			13-1641UR
		•		13-1643UR
			•	13-1644UR






Universal Resectoscopy Cables

For Use with Universal Resectoscopes

	Generator side			Item no.
	2-Banana	Storz ¹ / Erbe ¹	Martin ¹ / Berchtold ¹ / Aesculap ¹ GK55 and GK 60	
				
	3 m length	3 m length	3 m length	
Round plugs, 2 instrument sides 	•			13-1641U
		•		13-1643U
			•	13-1644U

Monopolar Resectoscopy Cables

For Use with Monopolar Resectoscopes

		Generator side				Item no.
		Ackermann / Erbe T ¹ / Martin ¹ / Berchthold ¹	Erbe ACC ¹ / ICC-VIO ¹	Bovie ¹ / Valleylab ¹ / Conmed ¹	Martin ¹ / Berchtold ¹ / Aesculap ¹	
						
		3 m length	3 m length	3 m length	3 m length	
Ø 2 mm instrument side, round plug 	•					11-1260UR
		•				11-1261UR
				•		11-1262UR
					•	11-1263UR



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