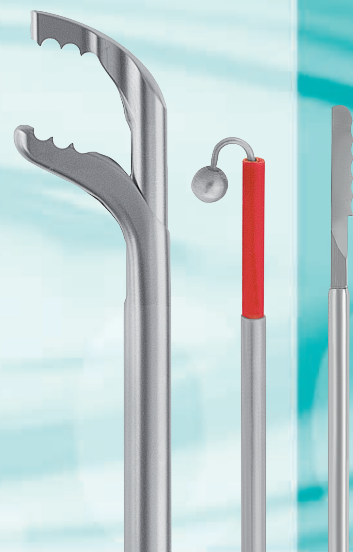




RZ
Medizintechnik
GmbH

Progress in Surgery

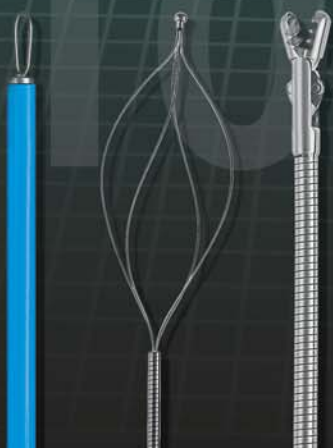
ALL ABOUT
UROLOGY





CYSTOSCOPY

CYSTOSCOPY

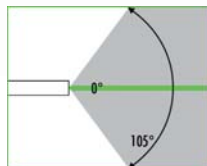




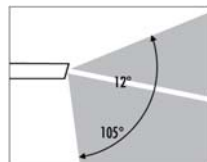
- Colour coded rings identify the „direction of view“
- Eyepiece for C-mount connection
- 3-step light post adaptors to connect the most common light cables directly to the endoscope
- Sapphire glasses ensure highest stability against damages on the lens system
- Optimised glass fibre arrangements ensure an uniform image brightness of highest quality
- Full HD high definition pictures with increased detail-resolution through newest CAD-designed rod-lens systems
- Fully Autoclavable at 134°C and 2.3bar

FULL HD

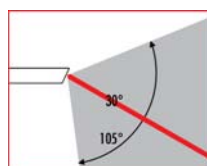
● 0°
 ● 12°
 ● 30°
 ● 45°
 ● 70°



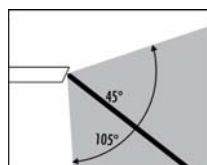
253-804-000 RZ Cystoscope 4.0mm Ø, 0° direction of view



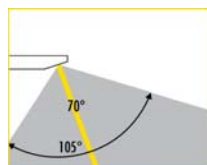
253-804-012 RZ Cystoscope 4.0mm Ø, 12° direction of view



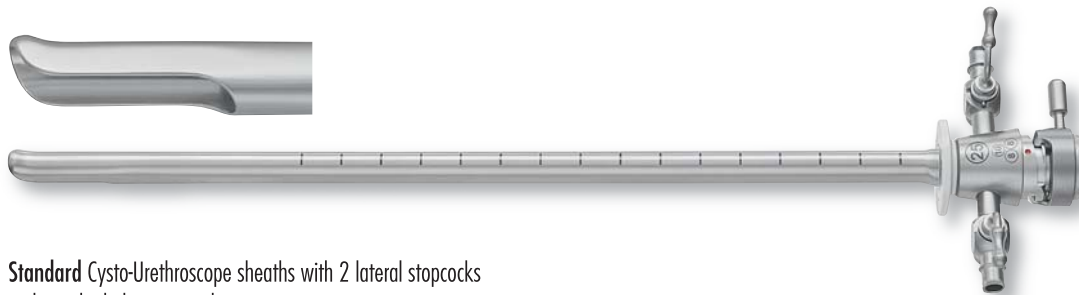
253-804-030 RZ Cystoscope 4.0mm Ø, 30° direction of view



253-804-045 RZ Cystoscope 4.0mm Ø, 45° direction of view

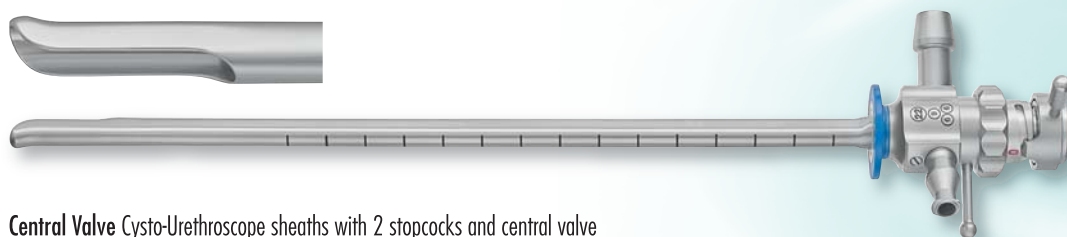


253-804-070 RZ Cystoscope 4.0mm Ø, 70° direction of view



Standard Cysto-Urethroscope sheaths with 2 lateral stopcocks and standard obturator with atraumatic 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. ○

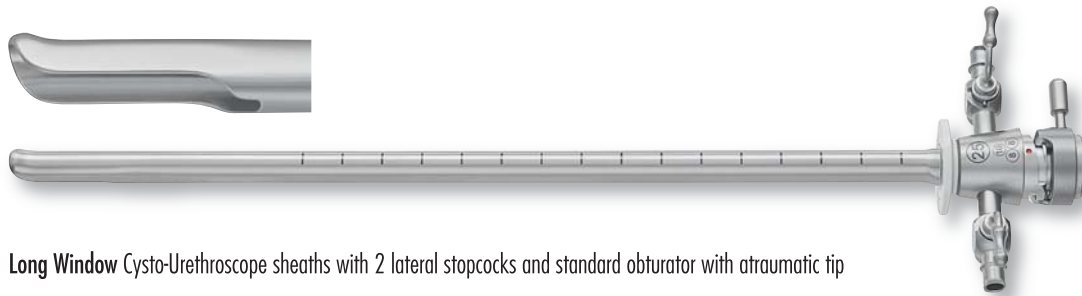


Central Valve Cysto-Urethroscope sheaths with 2 stopcocks and central valve
Sheaths with standard obturator and atraumatic tip

- 253-310-017 Cysto-Urethroscope Sheath 17 Charr. ●
- 253-310-019 Cysto-Urethroscope Sheath 19 Charr. ●
- 253-310-020 Cysto-Urethroscope Sheath 20 Charr. ●
- 253-310-022 Cysto-Urethroscope Sheath 22 Charr. ●
- 253-310-025 Cysto-Urethroscope Sheath 25 Charr. ○

Central valve for easy regulation of suction and irrigation





Long Window Cysto-Urethroscope sheaths with 2 lateral stopcocks and standard obturator with atraumatic tip

- 253-300-119 Cysto-Urethroscope Sheath 19 Charr. ●
- 253-300-120 Cysto-Urethroscope Sheath 20 Charr. ●
- 253-300-122 Cysto-Urethroscope Sheath 22 Charr. ●
- 253-300-125 Cysto-Urethroscope Sheath 25 Charr. ○



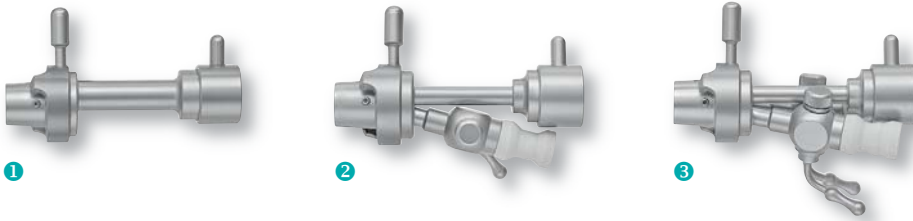
Standard Obturators with atraumatic tip and locking mechanism to fit all RZ Cysto-Urethroscope sheaths

- 253-000-117 Obturator 17 Charr. ●
- 253-000-119 Obturator 19 Charr. ●
- 253-000-120 Obturator 20 Charr. ●
- 253-000-122 Obturator 22 Charr. ●
- 253-000-125 Obturator 25 Charr. ○



Visual Obturators with telescope locking mechanism to fit all 4mm RZ cystoscopes to insert the Cysto-Urethroscope sheaths under vision

- 253-000-217 Obturator 17 Charr. ●
- 253-000-219 Obturator 19 Charr. ●
- 253-000-220 Obturator 20 Charr. ●
- 253-000-222 Obturator 22 Charr. ●
- 253-000-225 Obturator 25 Charr. ○



Cystoscope Bridge for all RZ Cysto-Urethroscope sheaths. Main feature: flat insertion angle for use of semi-rigid instruments and lithotripter probes.

- ❶ 253-000-100 Bridge without channel
- ❷ 253-000-101 Bridge with 1 channel for 1 instrument with max. 12 Charr.
- ❸ 253-000-102 Bridge with 2 channels for 1 instrument with max. 12 Charr. or 2 instruments with max. 8 Charr.



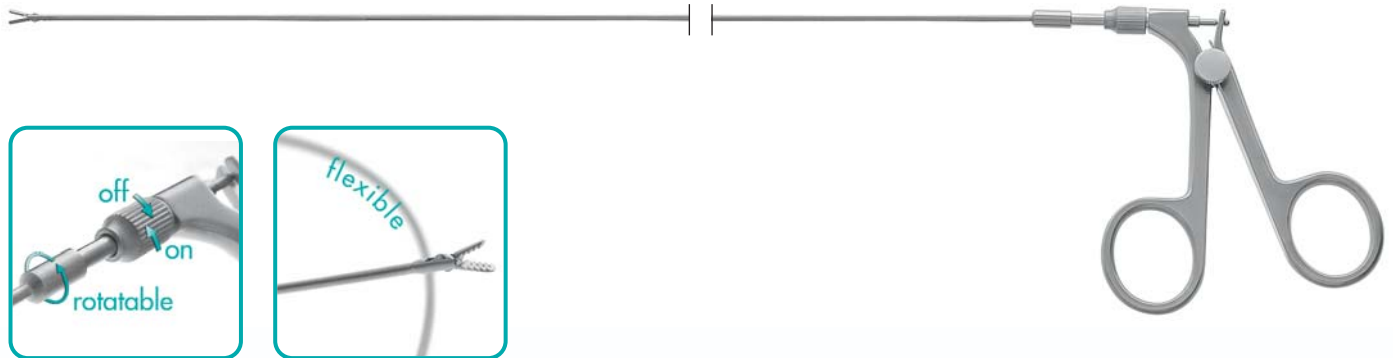
Albarran deflecting mechanism for use with 19-25 Charr. RZ Cysto-Urethroscope sheaths. The ratchet mechanism will keep the deflecting mechanism in place for easy handling during surgery.



- 253-000-105 Albarran deflecting mechanism with 2 working channels **and ratchet**
- 253-000-107 Albarran deflecting mechanism with 1 working channel **and ratchet** (without illustration)



- 253-000-106 Albarran deflecting mechanism with 2 working channels **without ratchet** (without illustration)
- 253-000-108 Albarran deflecting mechanism with 1 working channel **without ratchet**



All Flexible Instruments have a smooth flexible metal shaft and a working length of 400mm.
All shafts are rotatable and detachable for optimum setup during surgery.



- 351-114-105 Grasping Forceps 5 Charr., serrated jaws, double action
- 351-114-107 Same, 7 Charr.
- 351-114-109 Same, 9 Charr.



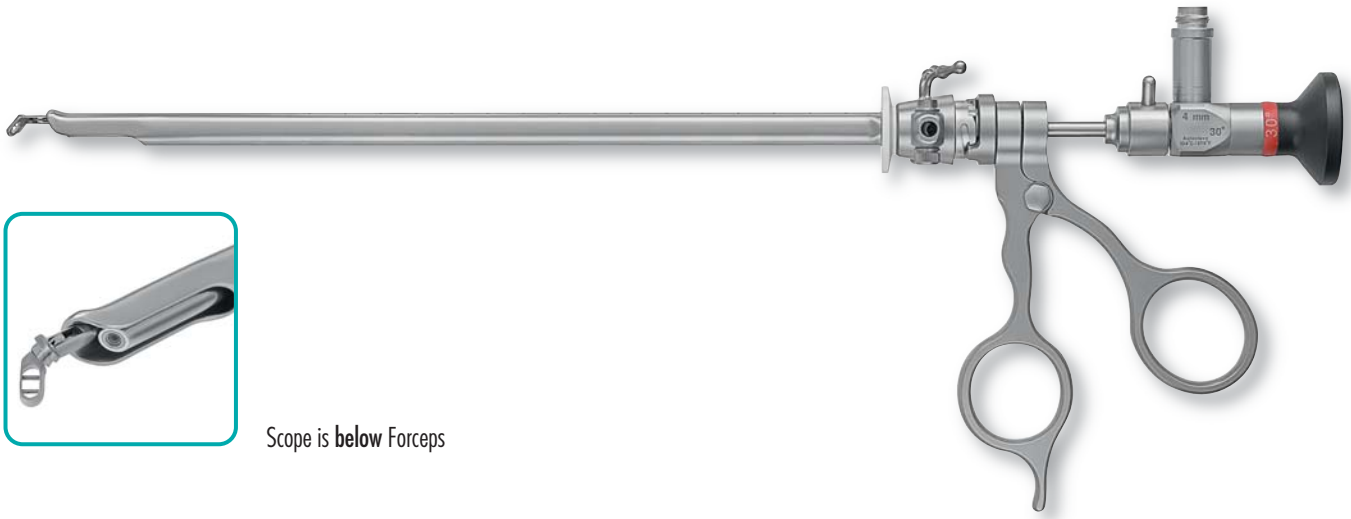
- 351-120-105 Biopsy Forceps 5 Charr., oval cup, double action
- 351-120-107 Same, 7 Charr.
- 351-120-109 Same, 9 Charr.



- 351-124-107 Serrated Biopsy Forceps 7 Charr., oval cup with aggressive serration, double action



- 351-100-105 Scissors, 5 Charr., single action
- 351-100-107 Same, 7 Charr.
- 351-100-109 Same, 9 Charr.



Scope is **below** Forceps



253-420-100 Spoon Biopsy Forceps with round cup, double action



253-421-100 Grasping Forceps with serrated jaws, double action



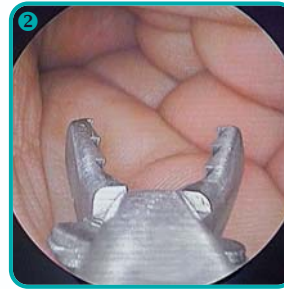
253-422-100 Biopsy Punch Forceps, thru-cutting, double action



253-423-100 Scissors, hook type blades, double action



Scope is **above** Forceps



Comparison: field of view
 ① Scope is **below** Forceps
 ② Scope is **above** Forceps

Original picture with
 0° RZ Cystoscope



253-426-100 Mini Biopsy forceps with oval cup, double action
 for use with 4mm, 30° cystoscope



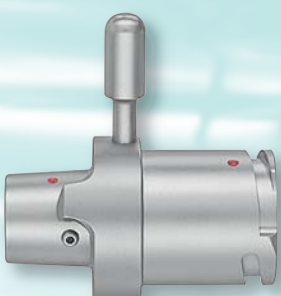
253-431-100 Biopsy forceps with **large** oval cup, double action
 for use with 4mm, 30° cystoscope



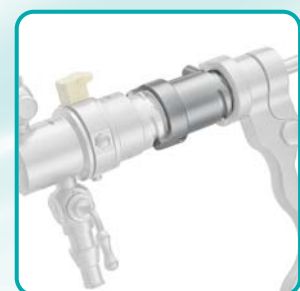
253-425-100 Mini Biopsy forceps with oval cup, double action
 for use with 4mm, 70° cystoscope



253-427-100 Stent Grasping forceps with serrated jaws, double
 action jaws for removal of stents



253-429-100 Adaptor for use of optical forceps with resectoscope sheaths

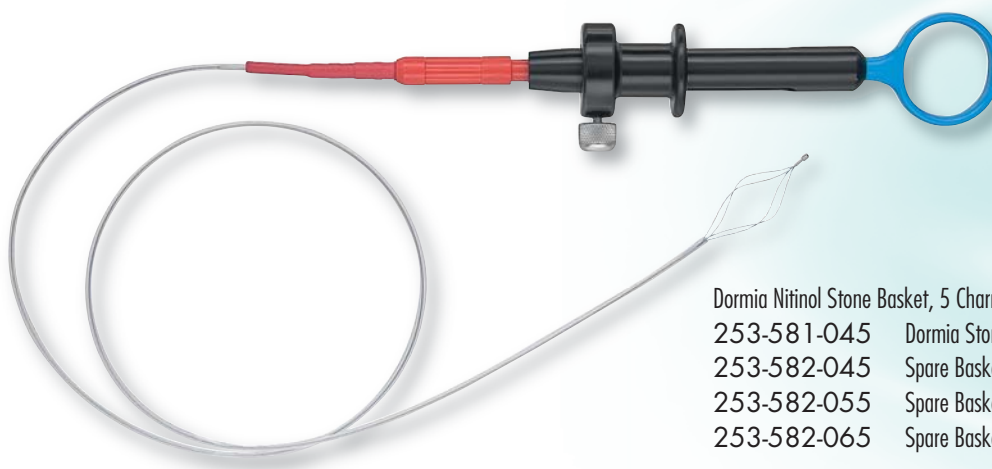




253-940-005 3-Prongs Grasper, flexible, 600mm working length, 5 Charr.

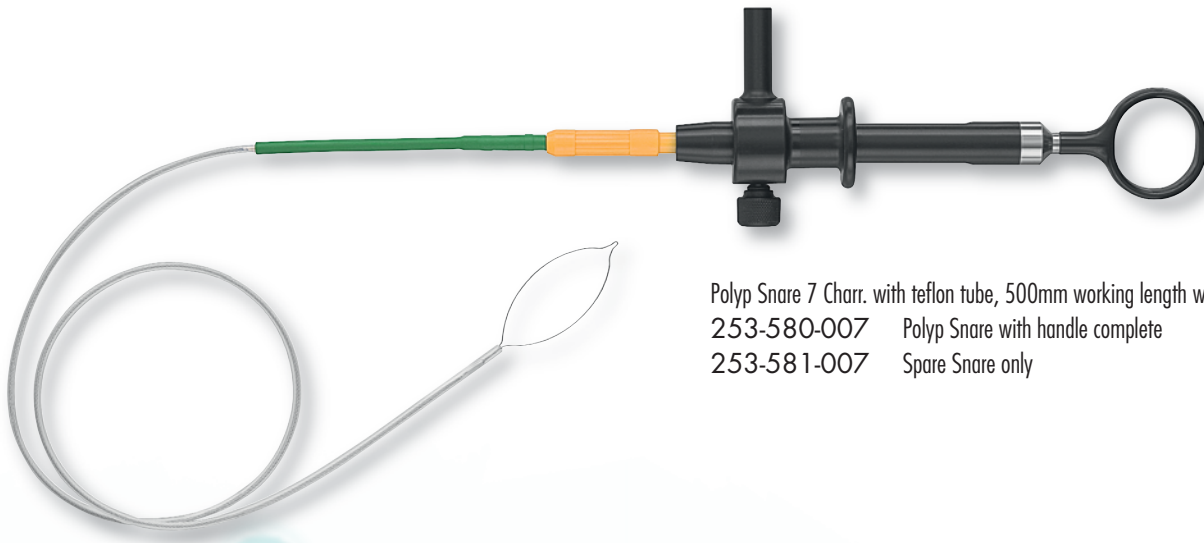


253-585-005 Dormia Metal Stone Basket, flexible, 4 wires, 600mm working length, 5 Charr.



Dormia Nitinol Stone Basket, 5 Charr., 600mm working length

- 253-581-045 Dormia Stone Basket with 4 wires, complete with handle
- 253-582-045 Spare Basket only, 4 wires
- 253-582-055 Spare Basket only, 5 wires
- 253-582-065 Spare Basket only, 6 wires



Polyp Snare 7 Charr. with teflon tube, 500mm working length with HF connection

253-580-007

Polyp Snare with handle complete

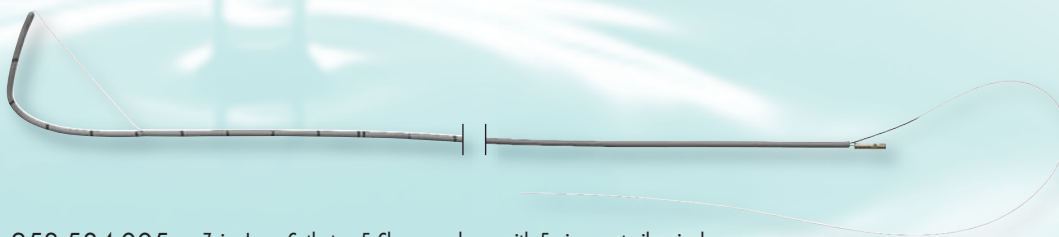
253-581-007

Spare Snare only



253-583-006

Injection cannula with teflon tube, 6 Charr., 500mm working length



253-584-005

Zeiss Loop Catheter, 5 Charr., package with 5 pieces, sterile, single use



Ball Electrode 530mm working length

 253-370-003 3 Charr.

 253-370-007 7 Charr.

 253-370-005 5 Charr.

 253-370-010 10 Charr.

Needle Electrode 530mm working length



253-371-003 3 Charr.

253-371-005 5 Charr.

253-371-007 7 Charr.

Loop Electrode 530mm working length

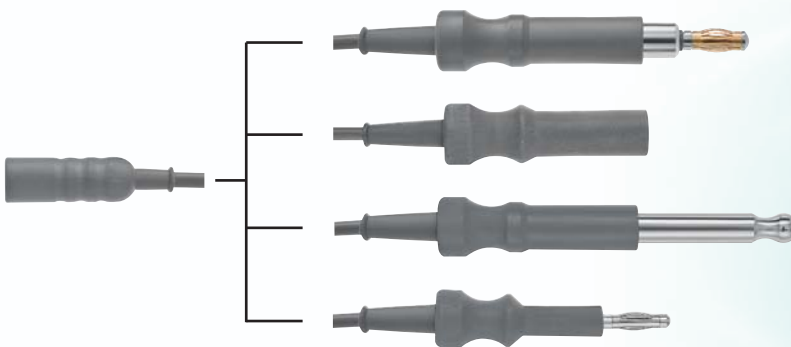


253-372-005 5 Charr.

253-372-007 7 Charr.

253-372-010 10 Charr.

Monopolar High Frequency cables for use with RZ Electrodes, 4.5m length



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

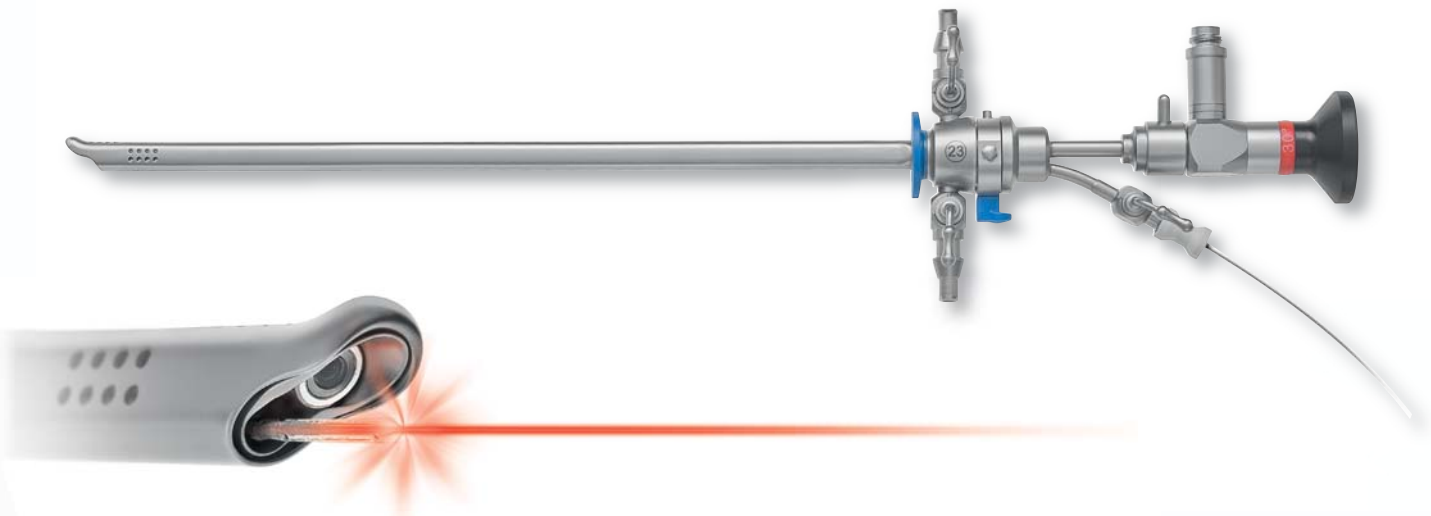
253-610-002 with 4 mm plug for Martin HF-unit

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

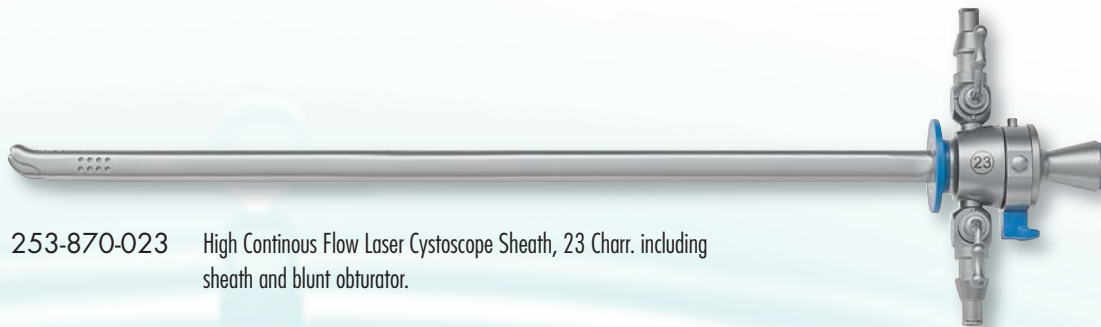
253-610-004 with 4 mm plug for older HF-units



Safety against buckling



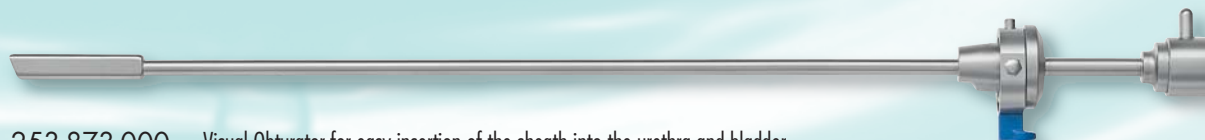
253-870-023 High Continuous Flow Laser Cystoscope Sheath, 23 Charr. including sheath and blunt obturator.



253-872-000 Telescope bridge and laser guide with 1 working channel for 8 Charr. laser fibers and instruments



253-873-000 Visual Obturator for easy insertion of the sheath into the urethra and bladder

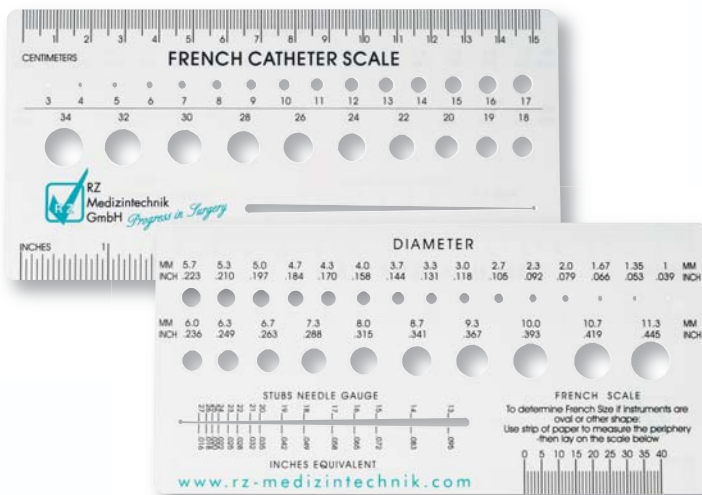




253-315-000 Hamada Cystoscope Adaptor for use with
RZ Cystoscope Sheath on the female urethra



300-215-000 Cleaning Brush, 13mm Ø, 60mm brush length, 215mm overall length



301-701-100
Grey rubber cap for use on
all working channels



253-990-800
French Catheter Scale

Spread sheet for Sheath - Instrument combinations

Cysto-Urethroscope Sheath	Colour	with Albarran	with bridge
25 Charr.	○	1 x 10 Charr. 2 x 8 Charr.	1 x 12 Charr. 2 x 8 Charr.
22 Charr.	●	1 x 9 Charr. 2 x 6 Charr.	1 x 10 Charr. 2 x 7 Charr.
20 Charr	●	1 x 6 Charr 2 x 5 Charr.	1 x 7 Charr. 2 x 6 Charr.
19 Charr	●	1 x 5 Charr 2 x 4 Charr.	1 x 6 Charr. 2 x 5 Charr.
17 Charr	●	-	1 x 5 Charr.



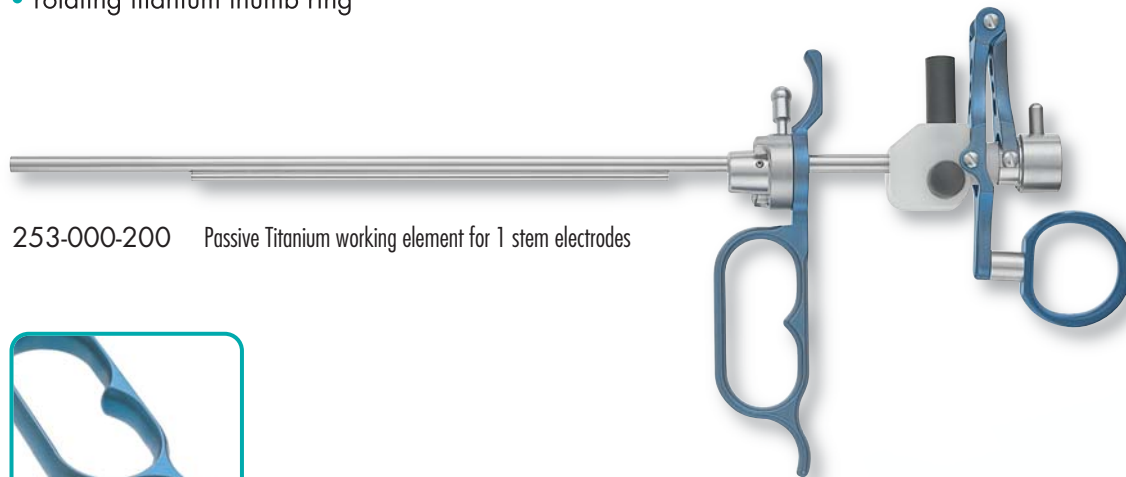
RESECTOSCOPY

RESECTOSCOPY



RZ working elements features

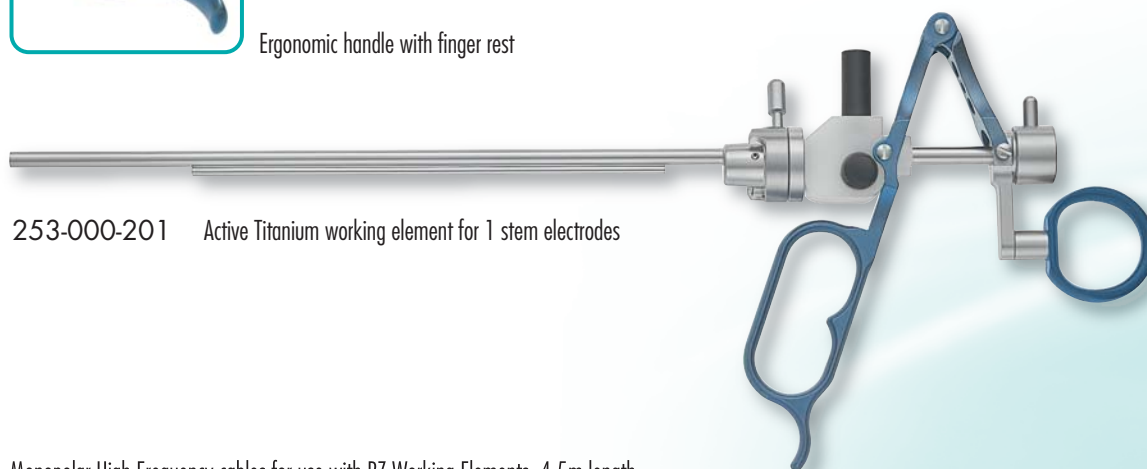
- lightweight and unique design for maximum comfort during long surgeries
- titanium handle parts
- sealed locking mechanism
- ergonomic handle design with finger rest for maximum comfort even on long surgeries
- rotating titanium thumb ring



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

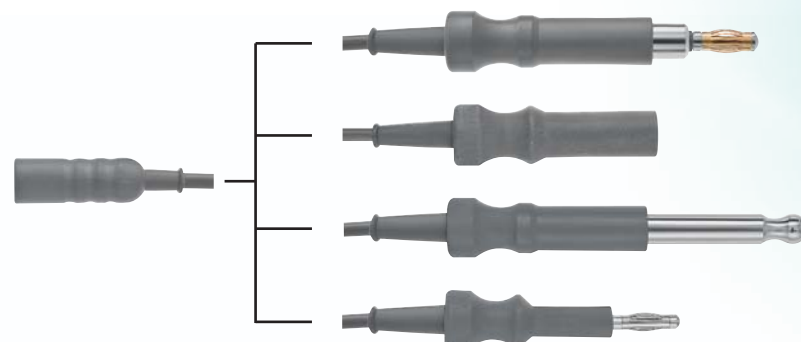


Ergonomic handle with finger rest



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

Monopolar High Frequency cables for use with RZ Working Elements, 4.5m length



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

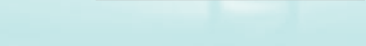
253-610-002 with 4 mm plug for Martin HF-unit

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

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

RZ Cutting Loops are made of a standard wire diameter of 0.35 mm Ø.
Different wire diameters are available on demand.
Electrodes and Curette with 1 guide stem and stabilizer.

		24 Charr.	27 Charr
	Colour	●	●
	Cutting Loop, angled, for 12°/30° telescope	253-300-201	253-300-301
	Cutting Loop, 90° angled, for 0° telescope	253-300-222	
	Cutting Loop, straight in longitudinal direction	253-300-202	253-300-302
	Coagulation Electrode, pointed	253-300-203	253-300-303
	Coagulation Electrode, conical	253-300-204	253-300-304
	Coagulation Electrode, ball shape, 3 mm Ø	253-300-205	253-300-305
	Coagulation Electrode, ball shape, 5 mm Ø	253-300-206	253-300-306
	Coagulation Electrode, roller shape, 3 mm Ø	253-300-207	253-300-307
	Coagulation Electrode, roller shape, 5 mm Ø	253-300-208	253-300-308
	Spike-Electrode, 5 mm Ø	253-300-209	253-300-309
	Spike Electrode, 3 mm Ø	253-300-210	253-300-310

	Colour	24 Charr.	27 Charr
		253-300-211	253-300-311
		253-300-212	253-300-312
		253-300-213	
		253-300-214	
		253-300-215	
		253-300-218	
		253-300-220	
		253-300-219	



STERILE ELECTRODES

Sterile
Electrodes



Sterile Electrodes are ETO sterilized to eliminate infections and contaminations. Our disposables ensure the best possible working features on every operation.

Sales unit: package with 6 pieces, each individually sterile packed.

Sterile disposable TUR Electrodes fitting the **RZ** system. Constant good cutting & coagulation performance.

		24 Charr.	27 Charr
	Colour	●	●
	Cutting Loop, angled	253-300-201S	253-300-301S
	Collins knife electrode	253-300-203S	253-300-303S
	Ball electrode, 3mm	253-300-205S	253-300-305S
	Ball electrode, 5mm	253-300-206S	253-300-306S



STERILE ELECTRODES

Sterile
Electrodes

Colour 24 Charr. ●



Roller electrode, 5mm

253-300-211S



Roller electrode, 3mm

253-300-212S



Vapor-Electrode, Band width 1.2 mm

253-300-213S

Sterile disposable Electrodes fitting the **OLYMPUS®** system.



Colour 24 Charr. ●



Cutting Loop, angled

253-300-801S



Loop Electrode, forward angled

253-300-821S



Collins knife electrode

253-300-803S



Ball electrode, 3mm

253-300-805S



Ball electrode, 5mm

253-300-806S



253-000-256 Continuous Flow Resectoscope Sheath, 26 Charr. ●
 ROTATING inner sheath for 360° TURP/TURB. Inner shaft with non reflecting, oblique ceramic tip.
 New RZ QuickLock mechanism for easy and fast assembling/disassembling.



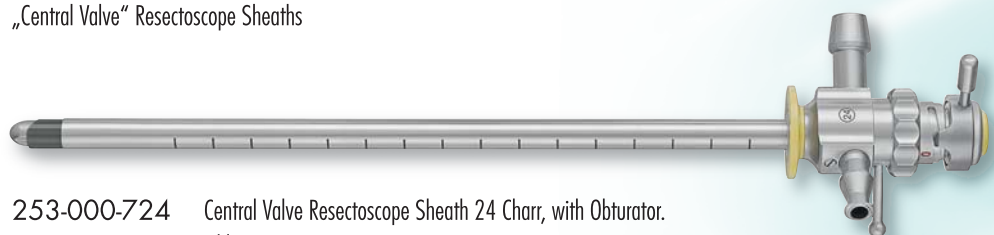
253-000-258 Continuous Flow Resectoscope Sheath ROTATING, 28 Charr. ●



253-000-266 Inner shaft with oblique ceramic tip for 253-000-256 ●

253-000-268 Same, for 253-000-258 ●

„Central Valve“ Resectoscope Sheaths



253-000-724 Central Valve Resectoscope Sheath 24 Charr, with Obturator.
 Oblique Ceramic Tip ●



253-000-727 Central Valve Resectoscope Sheath 27 Charr, with Obturator.
 Oblique Ceramic Tip ●



253-000-356 Continuous Flow Resectoscope Sheath FIXED, 26 Charr., ●
inner sheath with non reflecting, oblique ceramic tip.
New RZ QuickLock mechanism for easy and fast
assembling/disassembling.

253-000-358 Continuous Flow Resectoscope Sheath FIXED, 28 Charr. ●

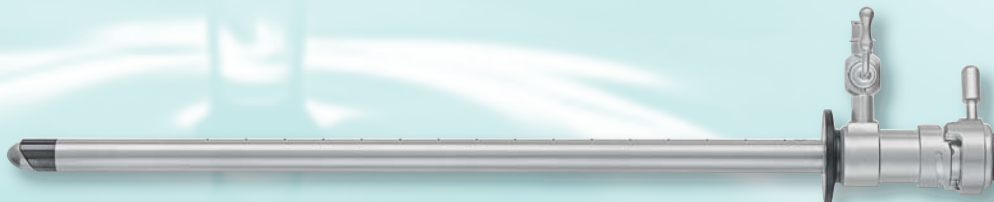


253-000-366 Inner shaft with oblique ceramic tip for 253-000-356 ●

253-000-368 Same, for 253-000-358 ●



253-000-524 Resectoscope Sheath 24 Charr. with Obturator.
Oblique Ceramic Tip ●



253-000-527 Resectoscope Sheath 27 Charr. with Obturator.
Oblique Ceramic Tip ●



253-000-044 Standard Obturator for 24/26 Charr. Resectoscope Sheaths

253-000-047 Standard Obturator for 27/28 Charr. Resectoscope Sheaths



253-000-054 Deflecting Obturator for 24/26 Charr. Resectoscope Sheaths

253-000-057 Deflecting Obturator for 27/28 Charr. Resectoscope Sheaths



253-000-084 Visual Obturator for 24/26 Charr. Resectoscope Sheaths and 4mm RZ Cystoscopes

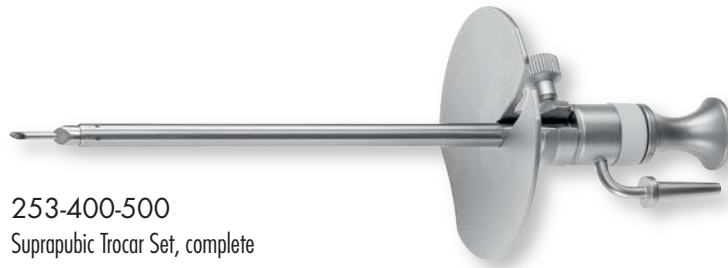
253-000-087 Visual Obturator for 27/28 Charr. Resectoscope Sheaths and 4mm RZ Cystoscopes



253-000-094 Visual Obturator with 5 Charr. working channel for 24/26 Charr. Resectoscope Sheaths and 4mm RZ Cystoscopes

253-000-097 Visual Obturator with 5 Charr. working channel for 27/28 Charr. Resectoscope Sheaths and 4mm RZ Cystoscopes





253-400-500
Suprapubic Trocar Set, complete



253-400-501
Trocar sheath, 16 Charr., with pressure channel



253-400-502
Suprapubic Trocar Stabilizing Plate, lateral open



253-400-503
Suprapubic Trocar with pyramidal tip



253-400-504
Suprapubic Trocar with cannula tip



253-400-505
Aspiration Cannula



253-400-506
Overflow cannula



- RZ Laser Working Element, passive, for laser-probes
 253-000-300 for fibres up to 0.8mm, with RZ Laser Attachement
 253-000-312 for fibres up to 1.2mm, with RZ Laser Attachement
 253-000-301 Spare RZ Laser Attachement



- 253-874-000 Laser Working Insert for use with Resectoscope Sheath and 4mm Cystoscope with 7 Charr. working channel



- 253-000-256 Continous Flow 26 Charr. Resectoscope Sheath with rotating inner sheath and non-reflecting ceramic tip, including atraumatic obturator



URETHROTOME



URETHROTOME



253-500-100 OTIS Dilation Urethrotome complete with 3 atraumatic tips and 2 knives, in wooden case

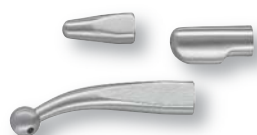
253-500-103 Wooden case only



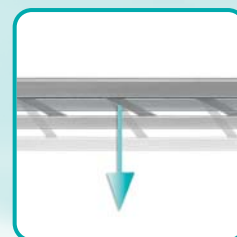
253-500-101 Otis Dilation Urethrotome only, with 3 atraumatic tips

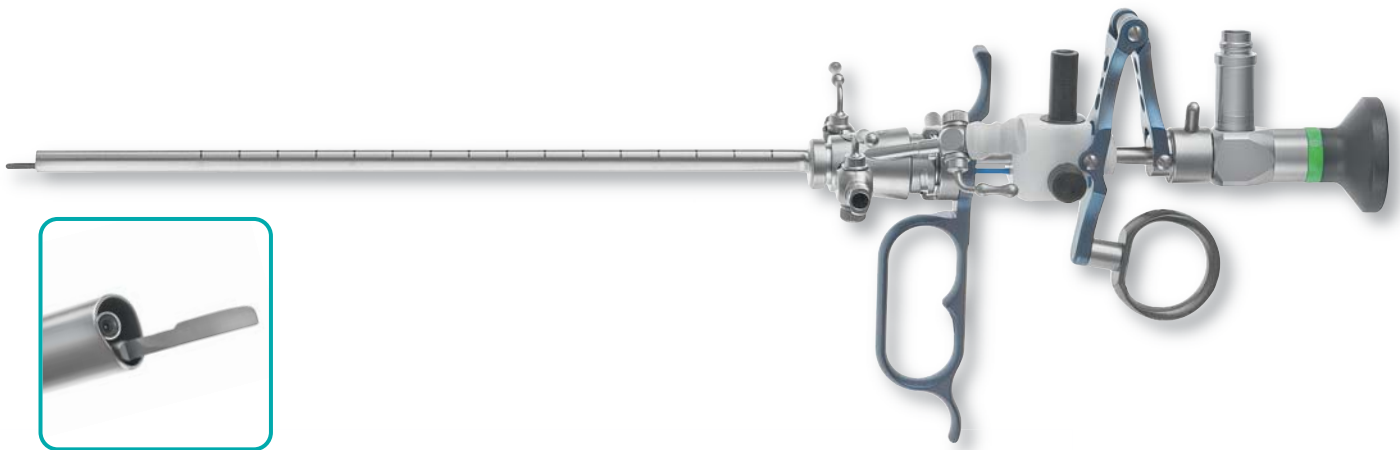


253-500-102 Knife only

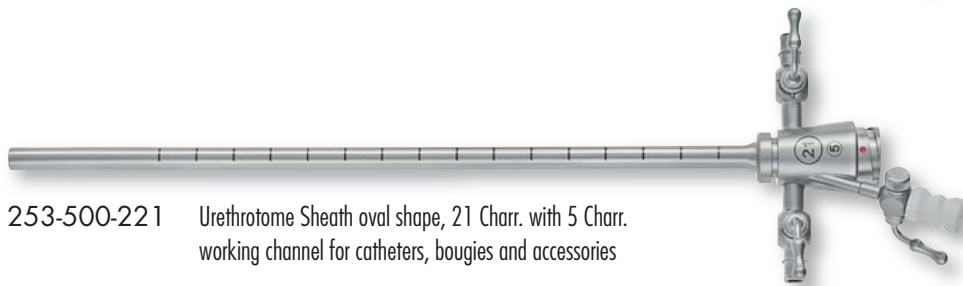


253-500-108 Set with 3 atraumatic tips only





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



253-500-325 Bridge with channel for 5 Charr. accessories





1 guide stem Urethrotome knives, for use without HF



253-500-561 Sachse knife, straight



253-500-562 Sickle knife, retrograde



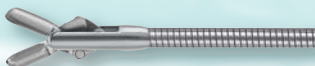
253-500-563 Half round knife, 180° cutting



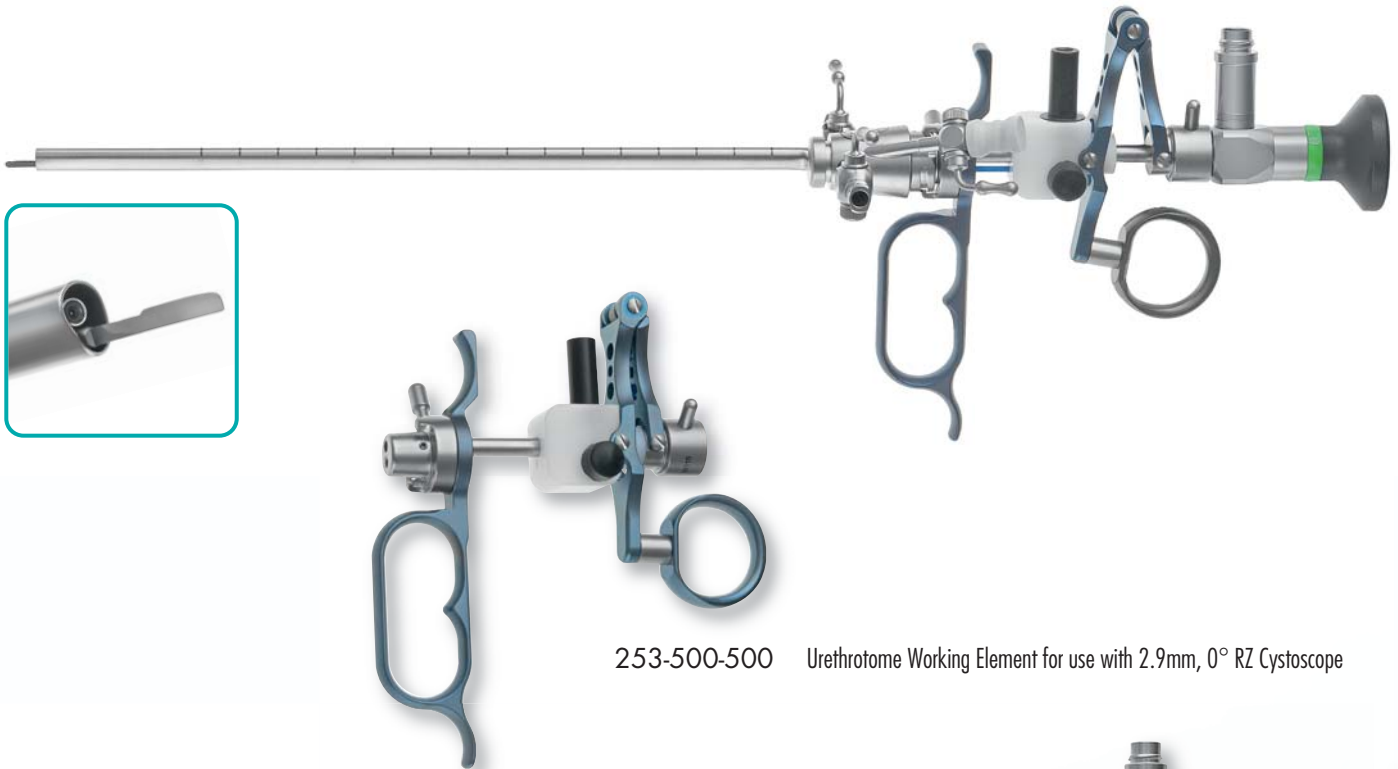
253-500-564 WaveCut knife, straight



253-300-999 Storage container for knives and electrodes, metal, perforated



351-120-105 Flexible Biopsy forceps, 5 Charr., 40cm working length



253-500-500 Urethrotome Working Element for use with 2.9mm, 0° RZ Cystoscope



253-829-000 RZ Cystoscope, 2.9mm, 0° direction of view



253-829-100 RZ Fiber Cystoscope, 2.9mm, 0° direction of view

RZ Fiber Cystoscope

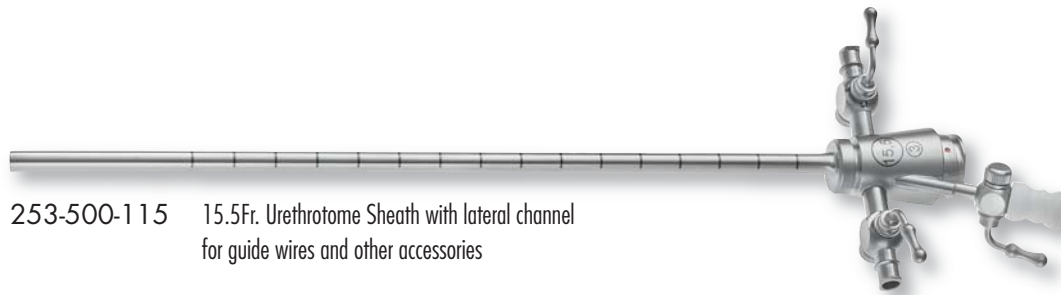
- ❶ 50.000 Pixel fiber bundle for brilliant picture quality
- ❷ Flexible light fibers
- ❸ Memory-effect outer tube
- ❶ + ❷ + ❸ = The Real RZ Semi-Flex telescope system



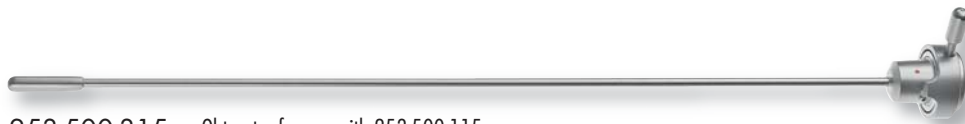
Original RZ Rod Lens System

- ❶ Rod lenses for highest picture quality
- ❷ Fixed light fibers
- ❸ Strong outer tube
- ❶ + ❷ + ❸ = The Original RZ Rod Lens system





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



253-500-315 Obturator for use with 253-500-115



1 guide stem Urethrotome knives, for use without HF



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

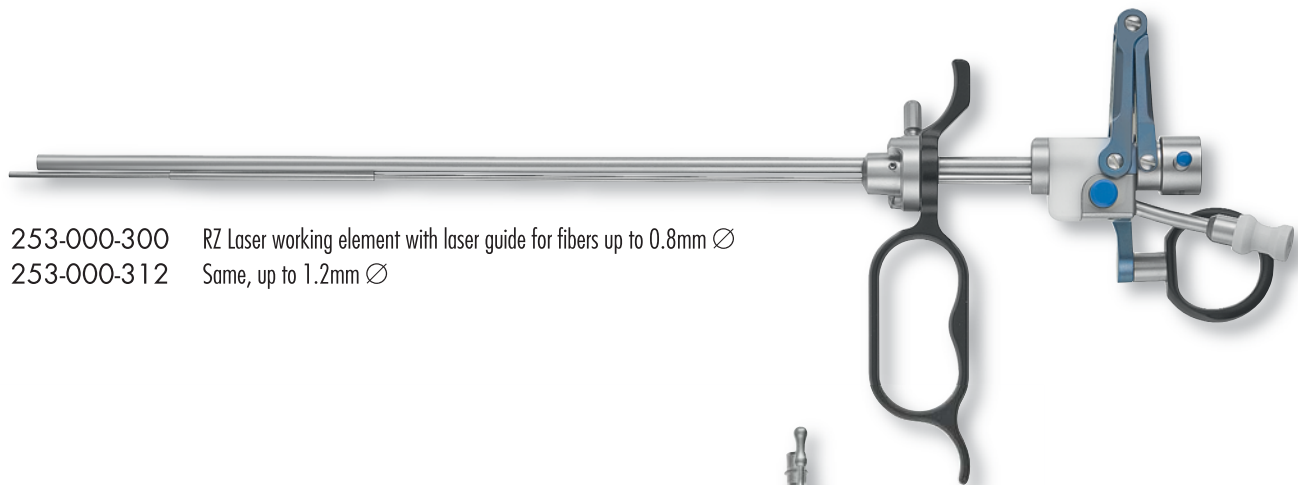


253-500-582 Sickle knife, retrograde, 15 Charr.

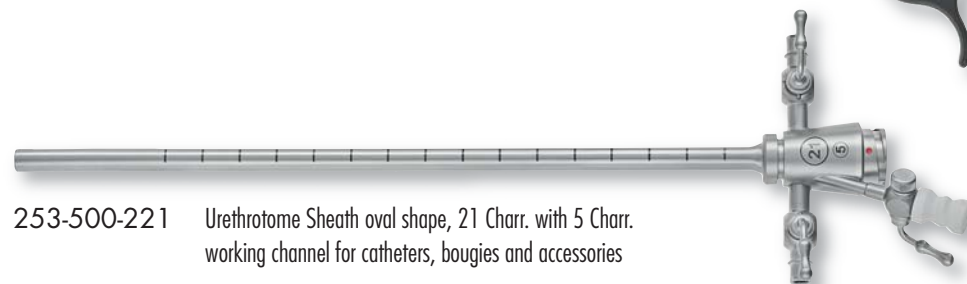


253-300-999 Storage container for knives and electrodes, metal, perforated





253-000-300 RZ Laser working element with laser guide for fibers up to 0.8mm Ø
253-000-312 Same, up to 1.2mm Ø



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

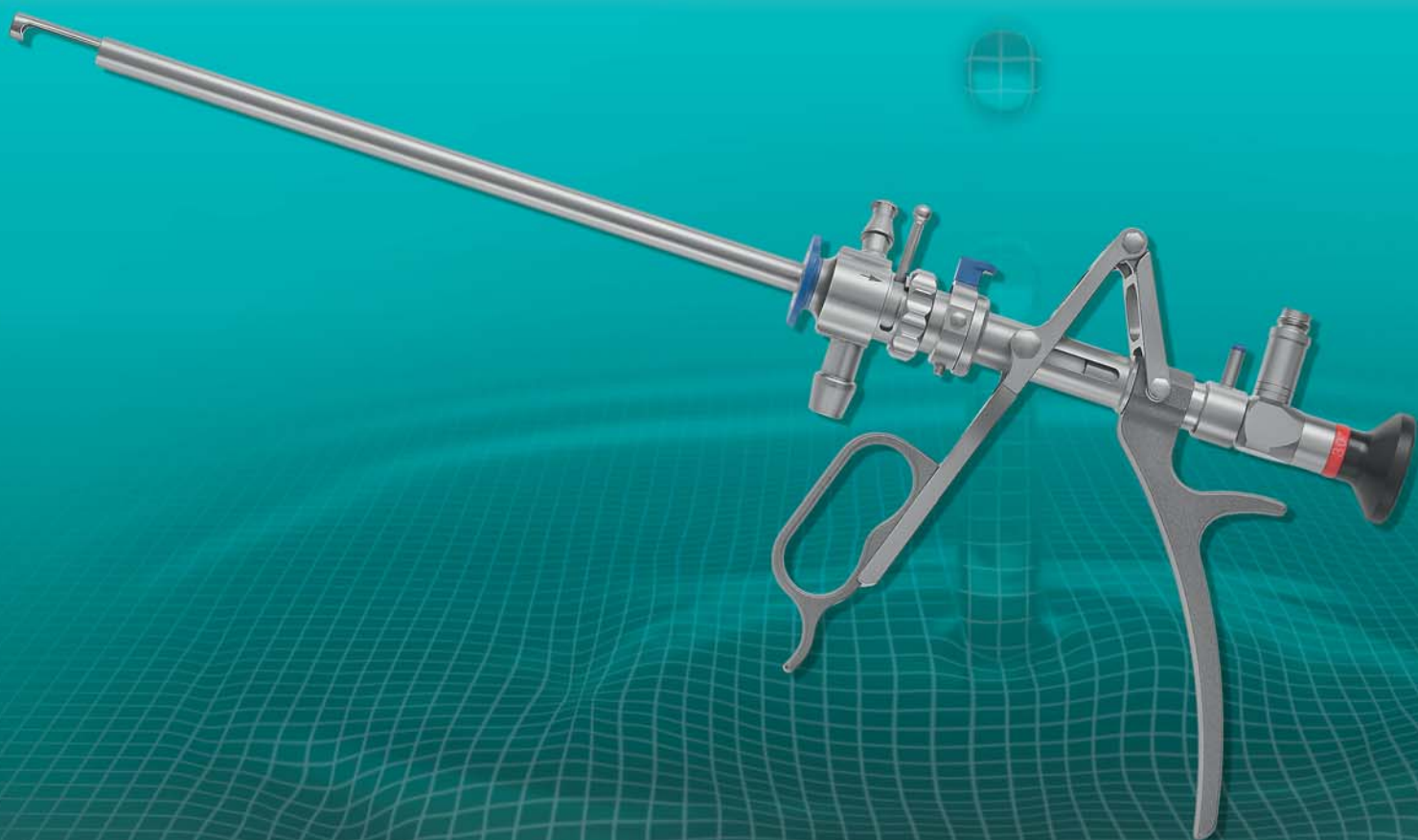


253-500-229 Continuous Flow supplementary sheath with Double Lock for secure fixation on the Urethrotome Sheath

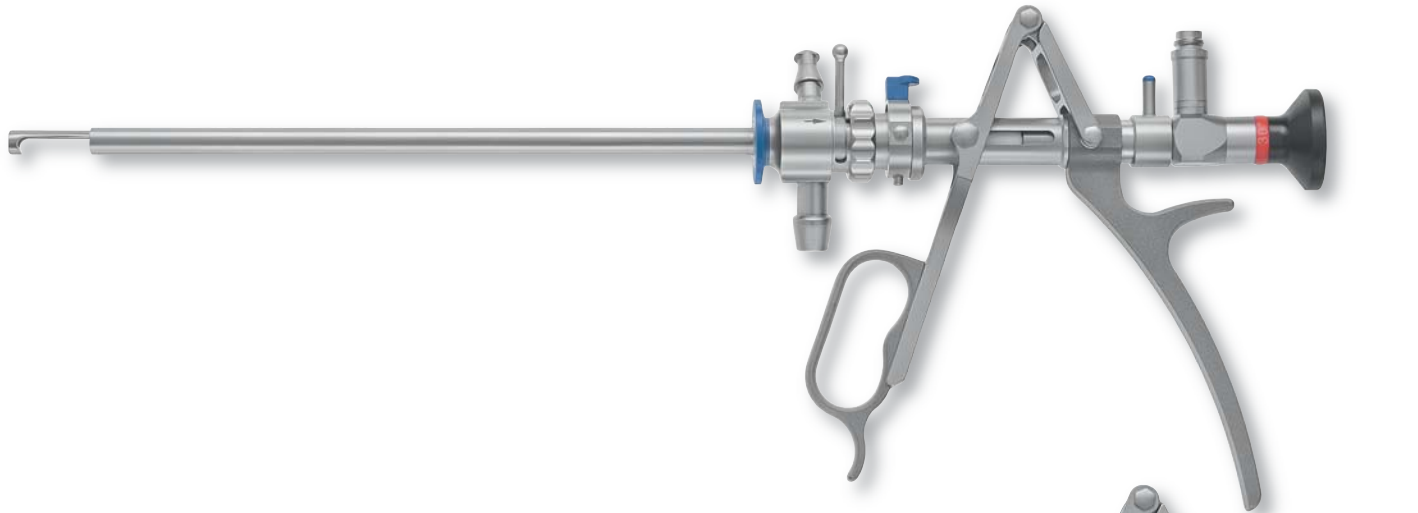


253-500-325 Bridge with channel for 5 Charr. accessories

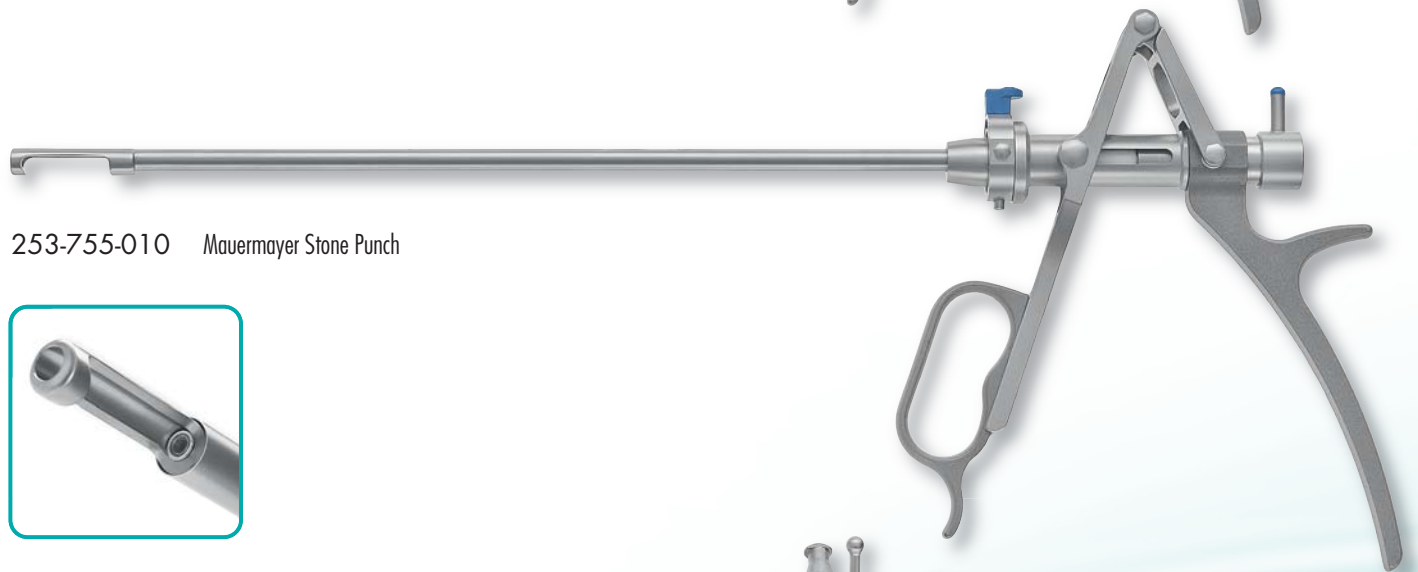
D
LITH



LITHOTRIPSY



253-755-010 Mauermayer Stone Punch



253-755-020 Punch Sheath with Central Valve, 24 Charr. including Obturator

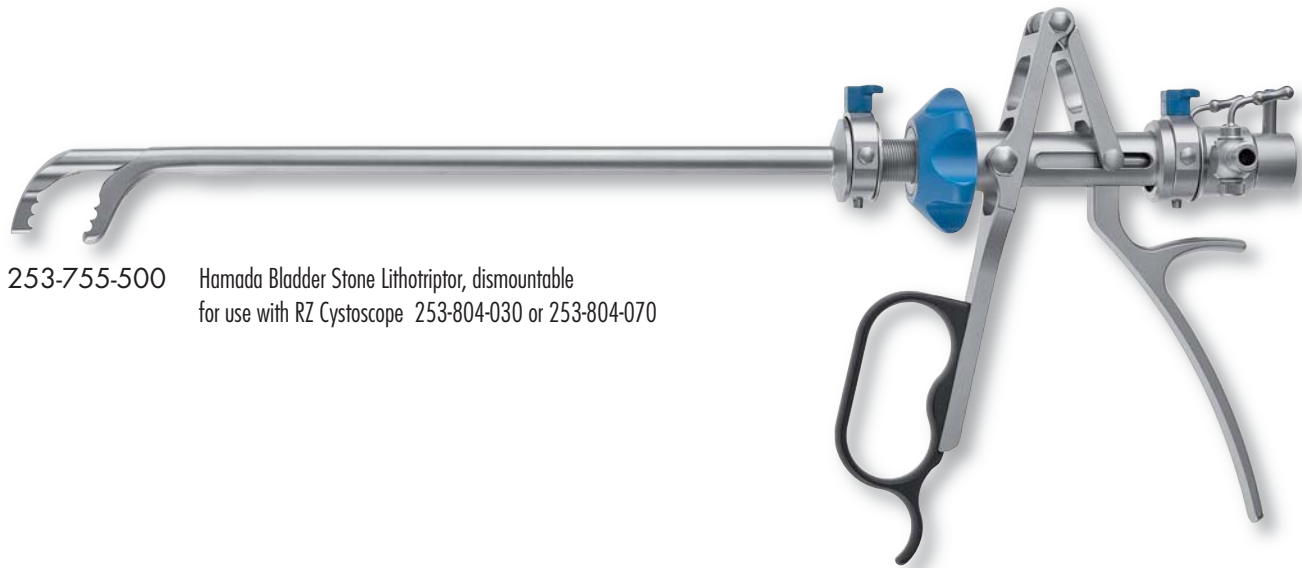


253-755-030 Visual Obturator with 7 Charr. working channel

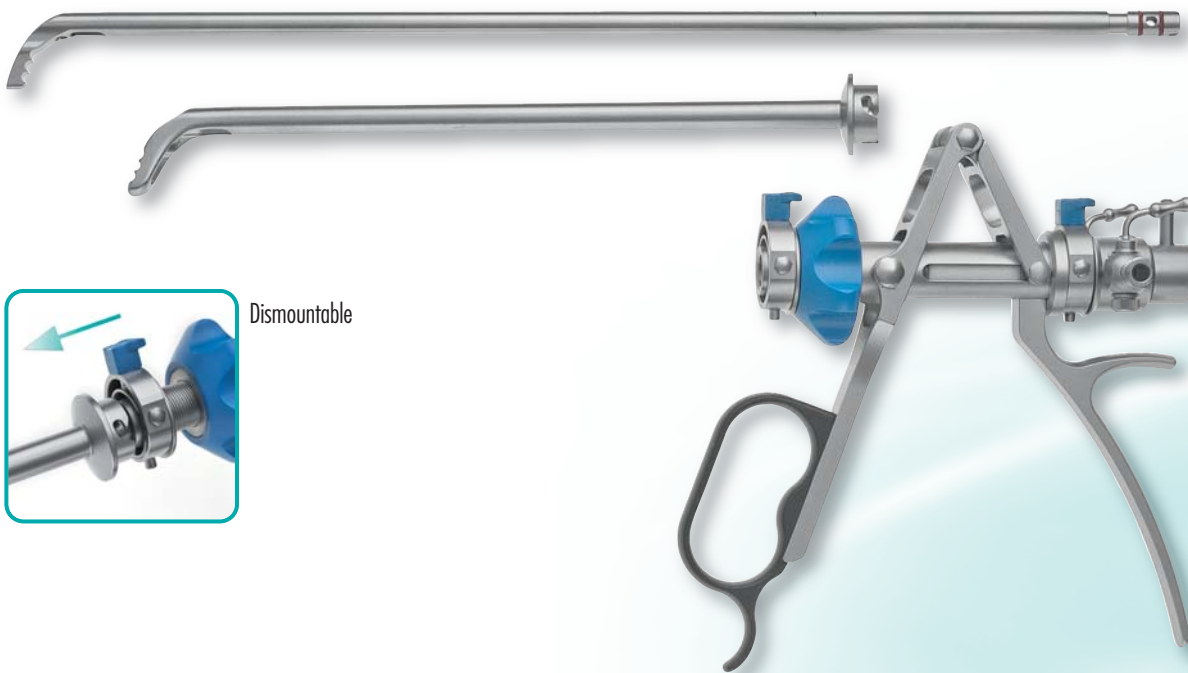


253-755-040 Obturator only

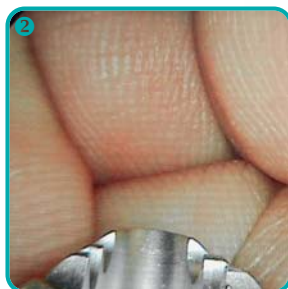




253-755-500 Hamada Bladder Stone Lithotriptor, dismountable
for use with RZ Cystoscope 253-804-030 or 253-804-070

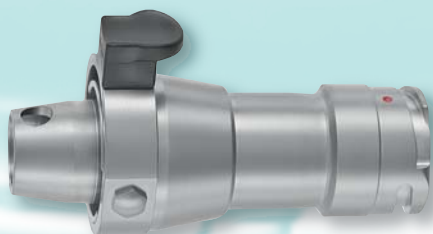
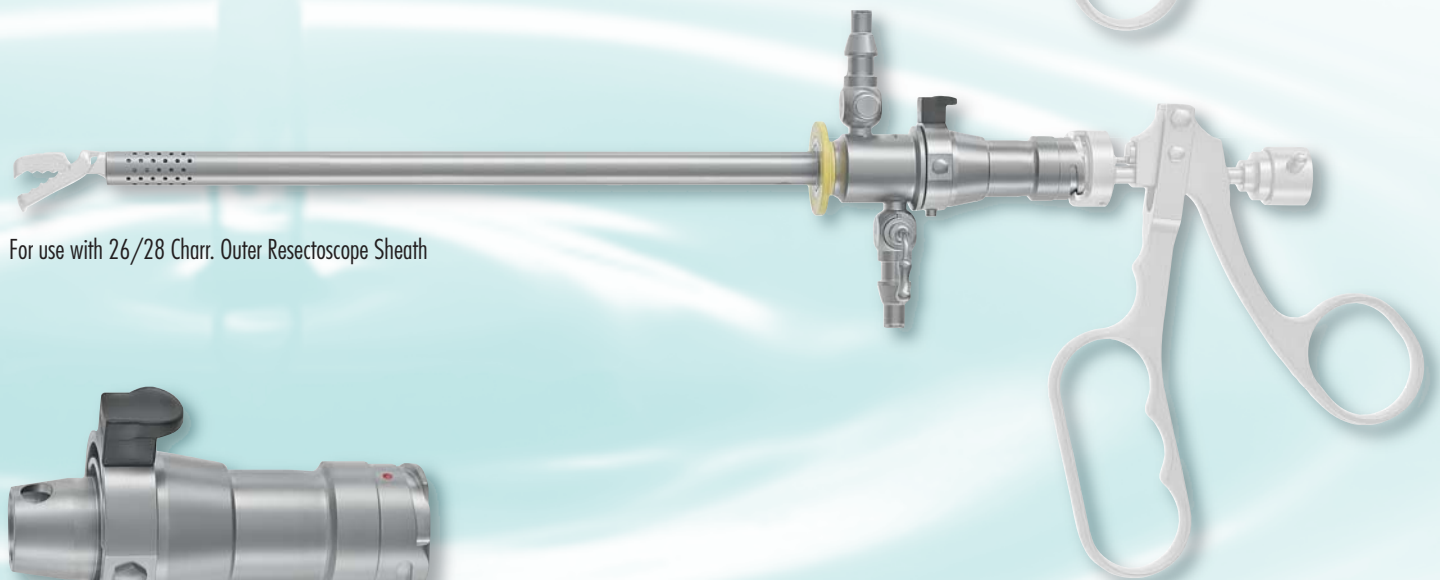
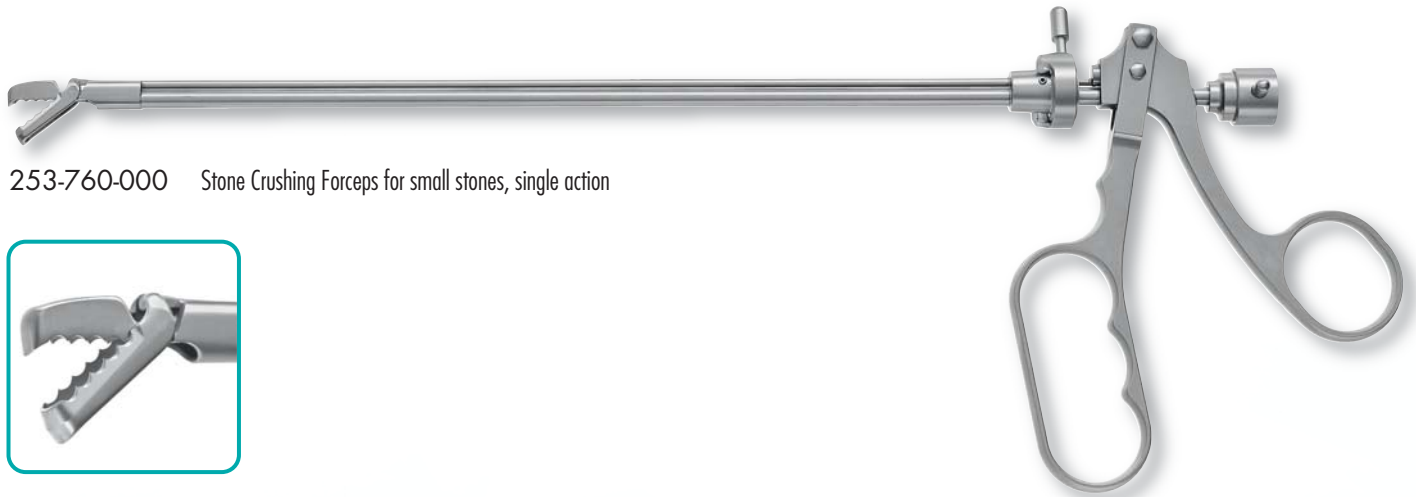


Dismountable

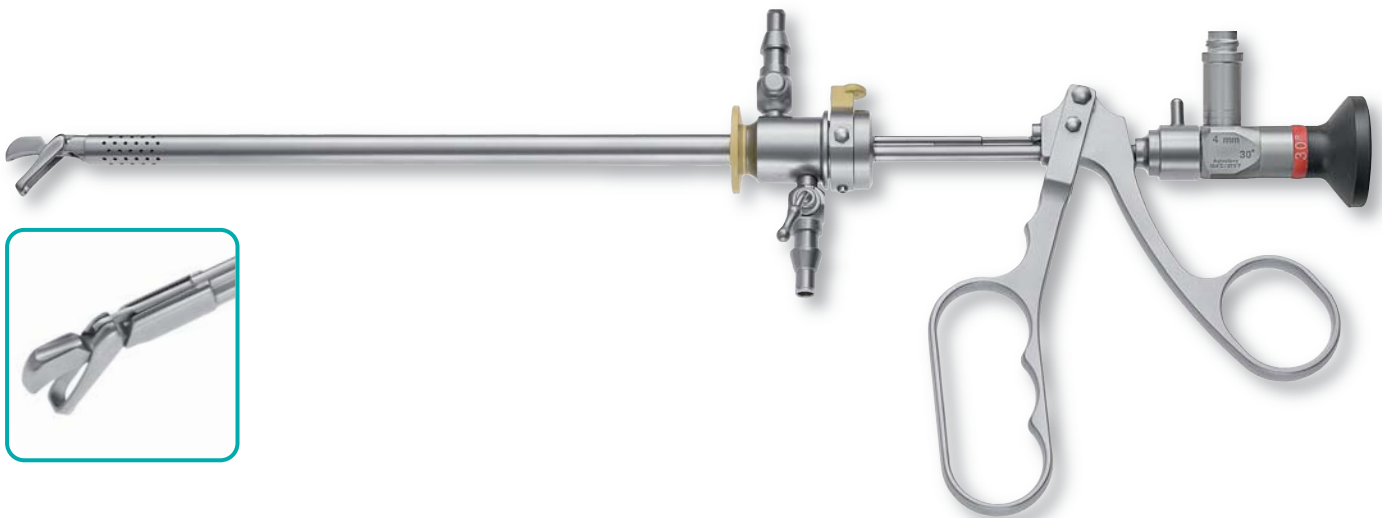


Comparison: field of view

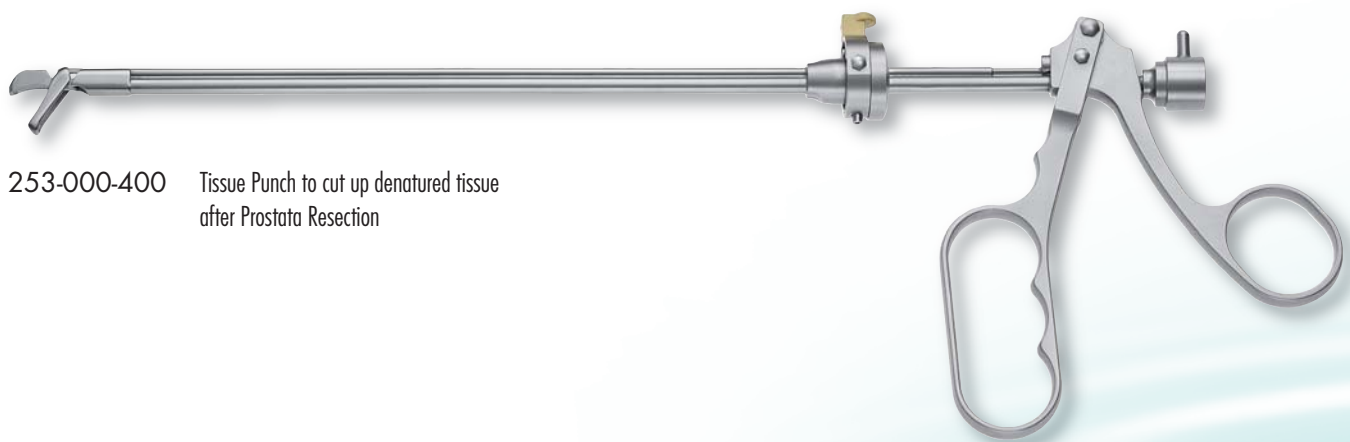
- ① with 30° scope
- ② with 70° scope



253-430-100 Adaptor for use with Outer Resectoscope Sheaths

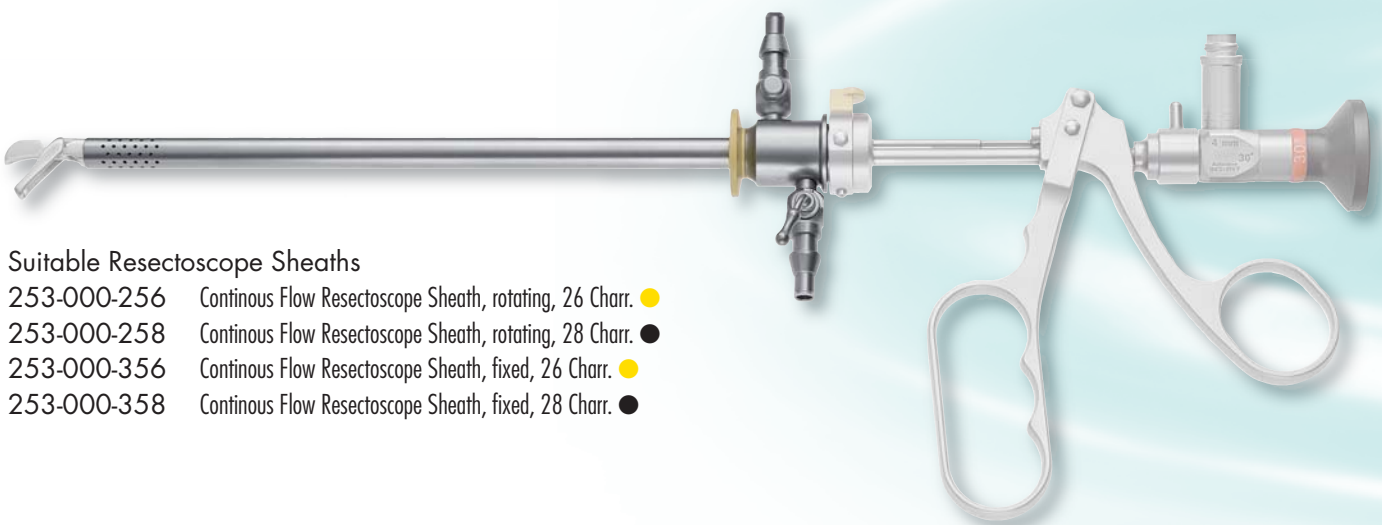


253-000-400 Tissue Punch to cut up denatured tissue after Prostata Resection

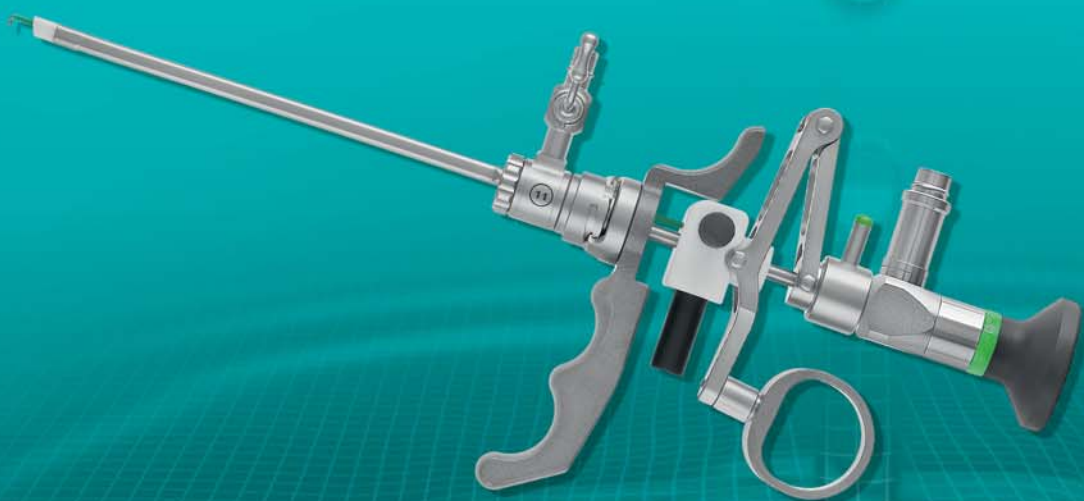


Suitable Resectoscope Sheaths

- 253-000-256 Continous Flow Resectoscope Sheath, rotating, 26 Charr. ●
- 253-000-258 Continous Flow Resectoscope Sheath, rotating, 28 Charr. ●
- 253-000-356 Continous Flow Resectoscope Sheath, fixed, 26 Charr. ●
- 253-000-358 Continous Flow Resectoscope Sheath, fixed, 28 Charr. ●



E
PED



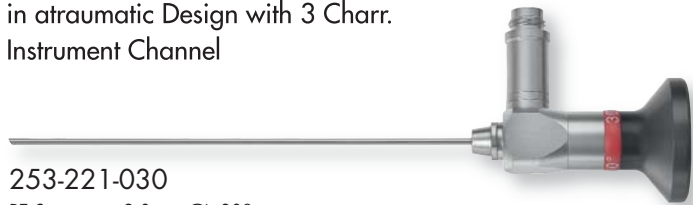
PEDIATRIC

PEDIATRIC
ADOLESCENCE



CYSTOSCOPE-URETHROSCOPE SET FOR NEW BORN

Unique 7 and 9 Charr. Sheath System
in atraumatic Design with 3 Charr.
Instrument Channel

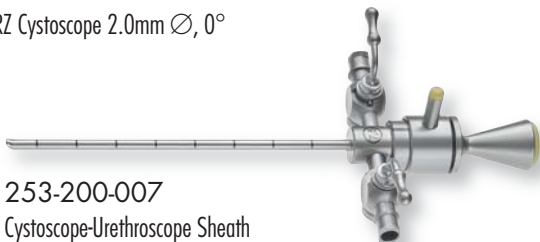


253-221-030

RZ Cystoscope 2.0mm Ø, 30°

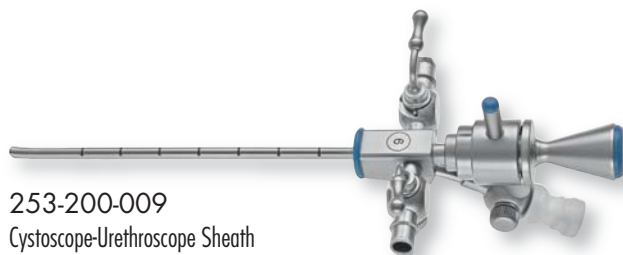
253-221-000

RZ Cystoscope 2.0mm Ø, 0°



253-200-007

Cystoscope-Urethroscope Sheath
for New Born, 7 Charr.



253-200-009

Cystoscope-Urethroscope Sheath
for New Born, 9 Charr.
with 3 Charr. Instrument Channel



Atraumatic Tip Design



253-202-003

Alligator grasping forceps, 28cm length, 3 Charr.



253-204-003

Biopsy forceps, 28cm length, 3 Charr.



253-370-253

Ball electrode, 25cm length, 3 Charr.



253-371-253

Needle electrode, 25cm length, 3 Charr.

4.5
Charr.TUL **HD**

253-200-600

Operating Cysto-Urethrotome 4.5 Charr., 5° direction of view, with 3.5 Charr. working channel, 140mm working length. With 2 lateral suction-irrigation connections and 2 working channels for semi-rigid and flexible accessories.



253-905-500

Silicone Valve Adaptor for RZ Uretero-Renoscope working channels



253-905-400

Silicone Valve, package with 5 pieces

- Soft-Dilation Sheath 4.5 – 6.0 Charr.
- 3.5 Charr. working channel for use with 3 Charr. semi-rigid and flexible instruments and high flow irrigation
- Silicone valve for easy and safe use of all accessories
- Lightweight and “easy to handle” design
- Large variety of accessories for all kinds of pediatric urology procedures



253-203-128 Stone Grasping Forceps, double action, 3 Charr., 28cm working length



253-203-228 Large Stone Grasping Forceps, double action, 3 Charr., 28cm working length



253-203-328 Biopsy Forceps, double action, 3 Charr., 28cm working length



253-203-428 Scissors, single action, 3 Charr., 28cm working length



253-370-253 Ball Electrode, 3 Charr., 25cm working length



253-371-253 Needle Electrode, 3 Charr., 25cm working length



253-200-200 Hook Knife, 3 Charr.



253-200-210 Injection Cannula, 3 Charr.



**6.0
Charr.**

TUL HD

253-200-500

Operating Cysto-Urethrotome 6.0 Charr., 5° direction of view, with 5 Charr. working channel, 140mm working length. With 2 lateral suction-irrigation connections and 2 working channels for semi-rigid and flexible accessories.



253-905-500

Silicone Valve Adaptor for RZ Uretero-Renoscope working channels



253-905-400

Silicone Valve, package with 5 pieces

- Soft-Dilation Sheath 6.0 – 7.5 Charr.
- Large working channel for use with 4 Charr. semi-rigid and flexible instruments and high flow irrigation
- Silicone valve for easy and safe use of all accessories
- Lightweight and “easy to handle” design
- Large variety of accessories for all kinds of pediatric urology procedures



253-204-128 Stone Grasping Forceps, double action, 4 Charr., 28cm working length



253-204-228 Large Stone Grasping Forceps, double action, 4 Charr., 28cm working length



253-204-328 Biopsy Forceps, double action, 4 Charr., 28cm working length



253-204-428 Scissors, single action, 4 Charr., 28cm working length



253-370-253 Ball Electrode, 3 Charr., 25cm working length



253-371-253 Needle Electrode, 3 Charr., 25cm working length



253-200-200 Hook Knife, 3 Charr.



253-200-210 Injection Cannula, 3 Charr.

**7.5
Charr.**

TUL HD

253-200-100

Operating Cysto-Urethrotome 7.5 Charr., 5° direction of view, with 6 Charr. working channel, 150mm working length. With 2 lateral suction-irrigation connections and 2 working channels for semi-rigid and flexible accessories.



253-905-500

Silicone Valve Adaptor for RZ Uretero-Renoscope working channels



253-905-400

Silicone Valve, package with 5 pieces

- Soft-Dilation Sheath 7.5 – 8.5 – 9.5 Charr.
- Extra large working channel for use with 5 Charr. semi-rigid and flexible instruments and high flow irrigation
- Silicone valve for easy and safe use of all accessories
- Lightweight and “easy to handle” design
- Large variety of accessories for all kinds of pediatric urology procedures



253-200-128 Stone Grasping Forceps, double action, 5 Charr., 28cm working length



253-200-228 Large Stone Grasping Forceps, double action, 5 Charr., 28cm working length



253-200-328 Biopsy Forceps, double action, 5 Charr., 28cm working length



253-200-428 Scissors, single action, 5 Charr., 28cm working length



253-370-253 Ball Electrode, 3 Charr., 25cm working length



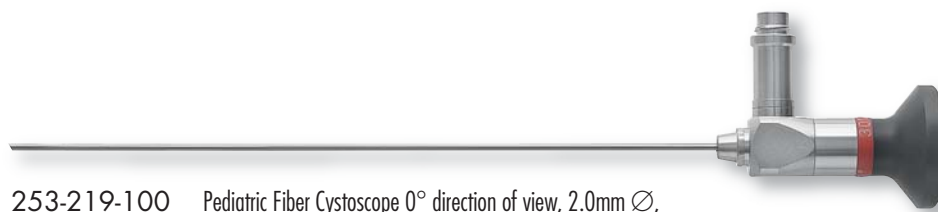
253-371-253 Needle Electrode, 3 Charr., 25cm working length



253-200-200 Hook Knife, 3 Charr.

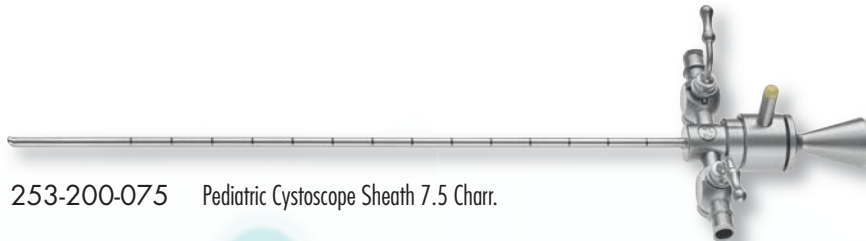


253-200-210 Injection Cannula, 3 Charr.

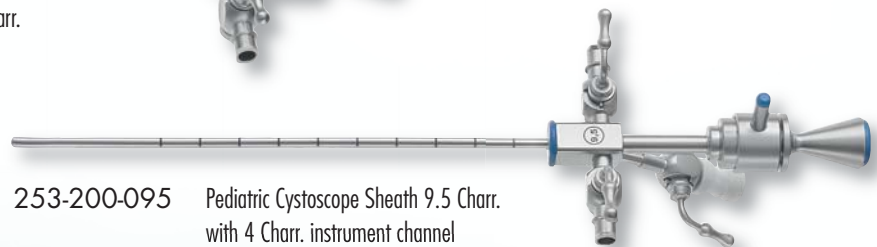


253-219-100 Pediatric Fiber Cystoscope 0° direction of view, 2.0mm Ø, 187.5mm length

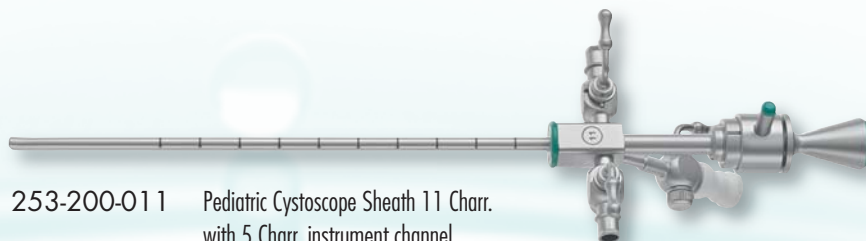
253-219-130 Pediatric Fiber Cystoscope 30° direction of view, 2.0mm Ø, 187.5mm length



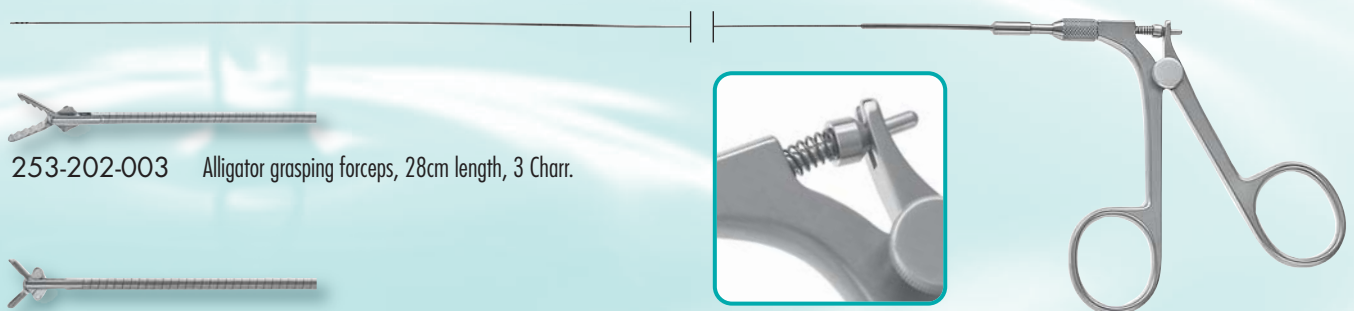
253-200-075 Pediatric Cystoscope Sheath 7.5 Charr.



253-200-095 Pediatric Cystoscope Sheath 9.5 Charr. with 4 Charr. instrument channel



253-200-011 Pediatric Cystoscope Sheath 11 Charr. with 5 Charr. instrument channel



253-202-003 Alligator grasping forceps, 28cm length, 3 Charr.

253-204-003 Biopsy forceps, 28cm length, 3 Charr.

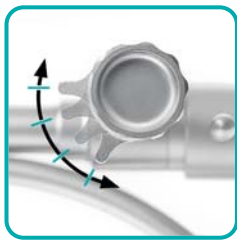
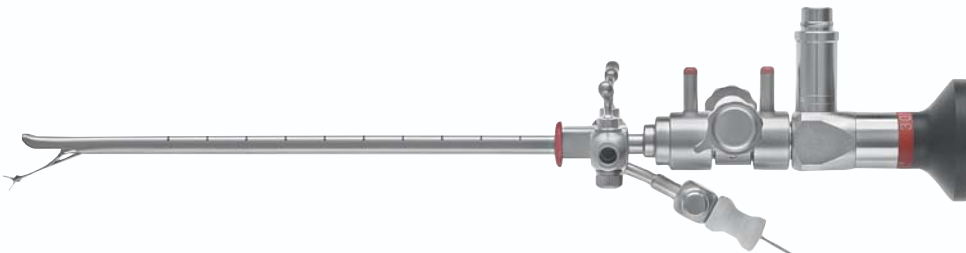
Spring Closing Mechanism



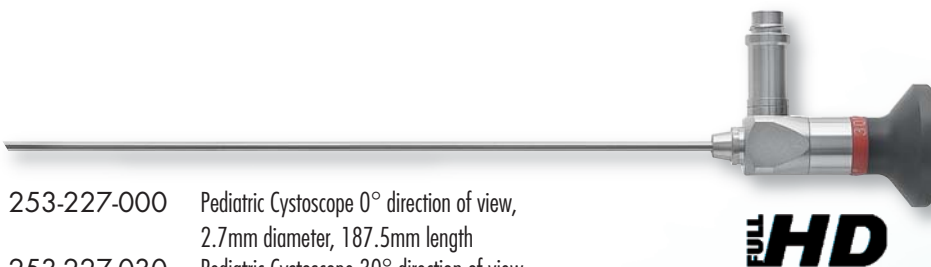
253-370-253 Ball electrode, 25cm length, 3 Charr.



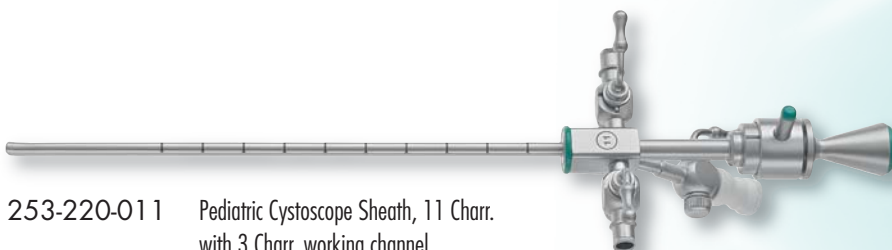
253-371-253 Needle electrode, 25cm length, 3 Charr.



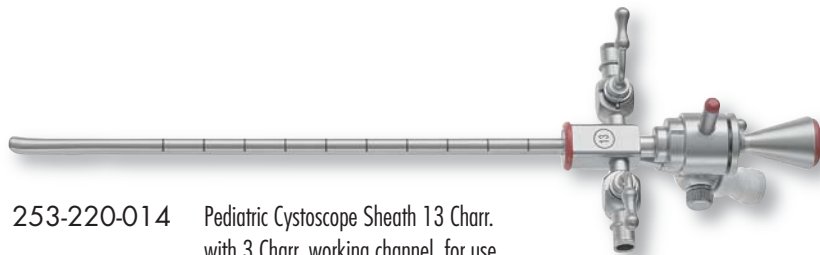
The ratchet mechanism will keep the deflecting mechanism in place for easy handling during surgery.



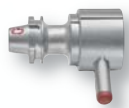
- 253-227-000 Pediatric Cystoscope 0° direction of view,
2.7mm diameter, 187.5mm length
- 253-227-030 Pediatric Cystoscope 30° direction of view,
2.7mm diameter, 187.5mm length
- 253-227-070 Pediatric Cystoscope 70° direction of view,
2.7mm diameter, 187.5mm length



- 253-220-011 Pediatric Cystoscope Sheath, 11 Charr.
with 3 Charr. working channel



253-220-014 Pediatric Cystoscope Sheath 13 Charr. with 3 Charr. working channel, for use with Bridge or Albarran deflecting mechanism



253-220-030 Bridge for use with 253-220-014



253-220-025 Albarran deflecting mechanism for use with 253-220-014



253-202-003 Alligator grasping forceps, 28cm length, 3 Charr.



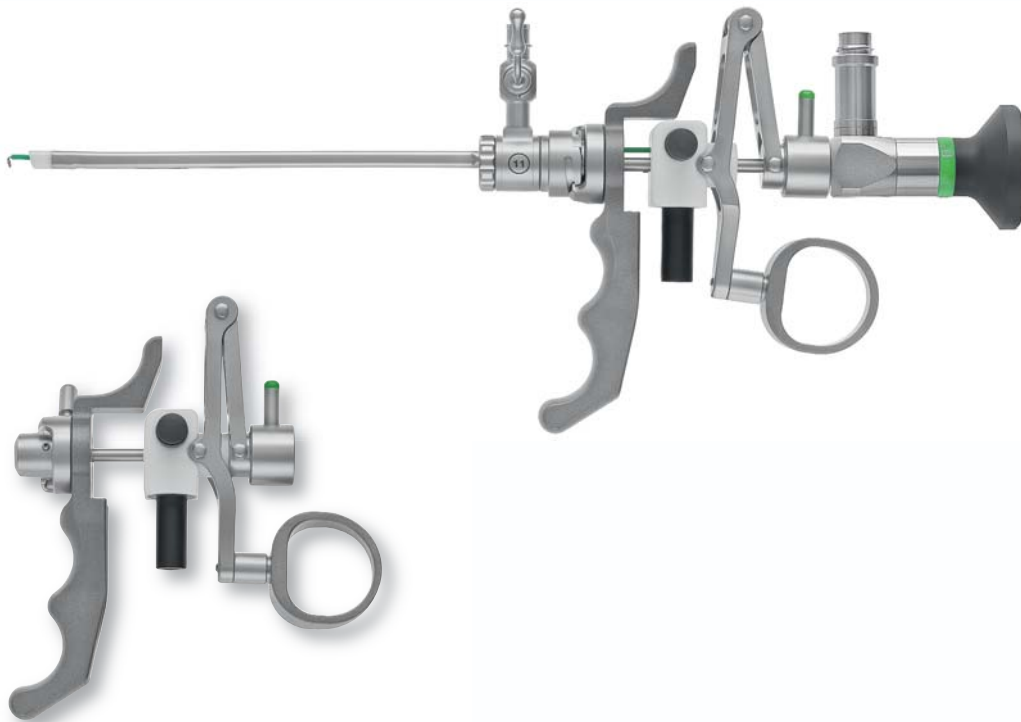
253-204-003 Biopsy forceps, 28cm length, 3 Charr.



253-370-253 Ball electrode, 25cm length, 3 Charr.



253-371-253 Needle electrode, 25cm length, 3 Charr.



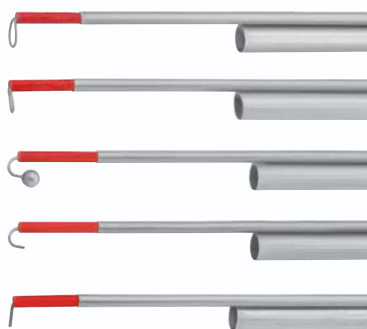
253-250-200 Passive working element for use
with 2.0mm RZ Fiber Cystoscope
253-219-100



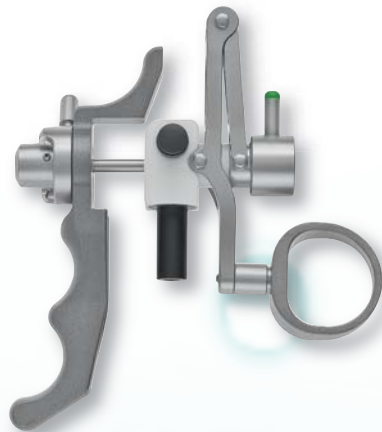
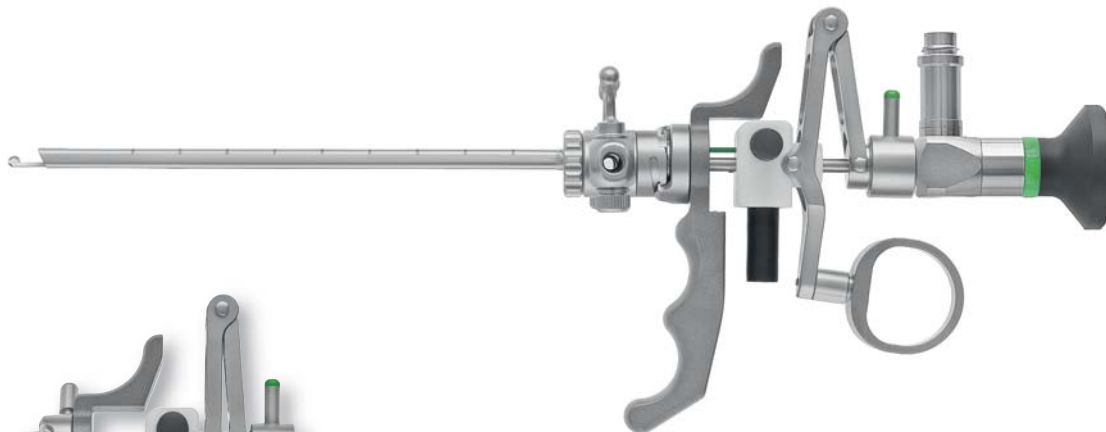
253-250-211 Resectoscope Sheath 11 Charr.
with obturator ●



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

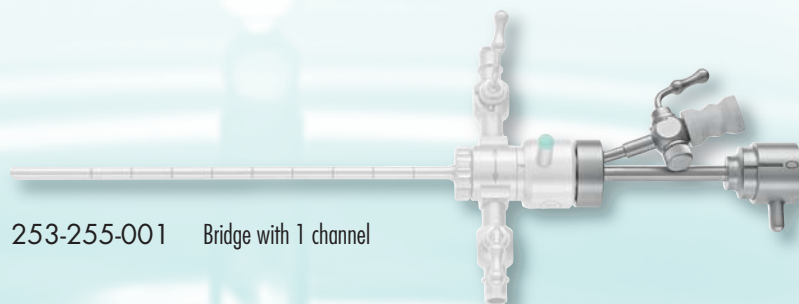


	11 Charr.	13 Charr.
Colour	●	●
Cutting Loop	253-251-111	253-252-111
Coagulation Electrode, blunt	253-251-112	253-252-112
Hook Electrode with ball	253-251-113	253-252-113
Hook Electrode without ball	253-251-114	253-252-114
Needle Electrode, pointed	253-251-115	253-252-115



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

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



253-255-001 Bridge with 1 channel



253-265-101 Knife with straight cutting edge



253-265-102 Round knife



253-265-103 Sickel knife

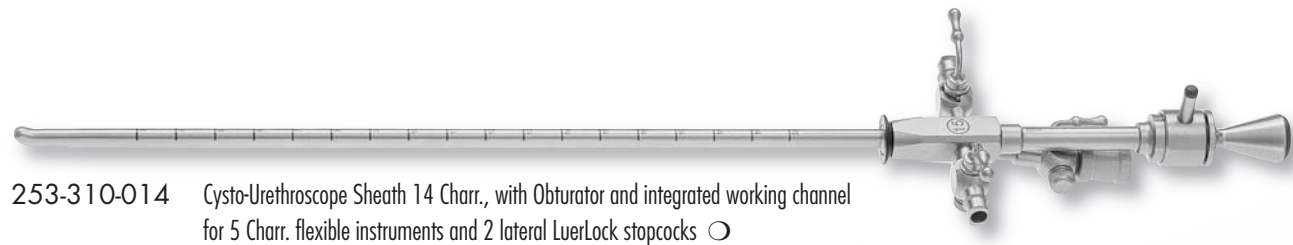


253-265-104 Hook knife

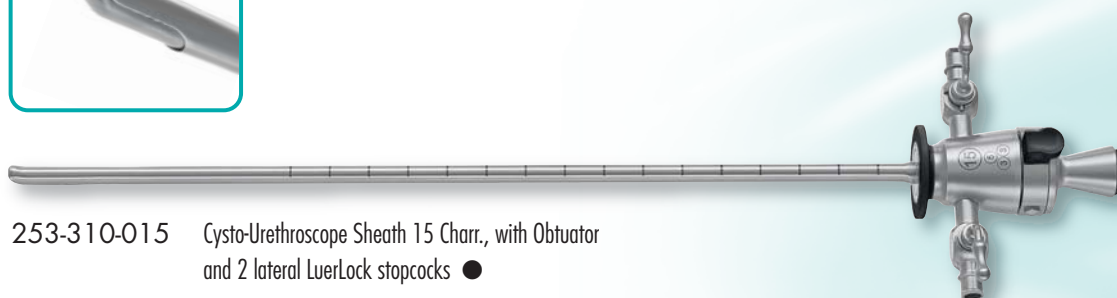


RZ Cystoscope 2.9mm with wide angle view, 302mm working length,
fully autoclavable, colour coded

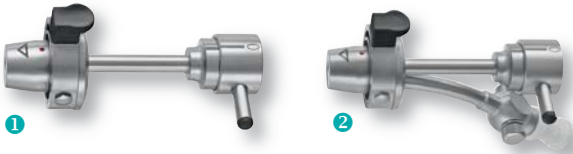
- 253-829-000 RZ Cystoscope, 0° direction of view
253-829-030 RZ Cystoscope, 30° direction of view



- 253-310-014 Cysto-Urethroscope Sheath 14 Charr., with Obturator and integrated working channel
for 5 Charr. flexible instruments and 2 lateral LuerLock stopcocks ○



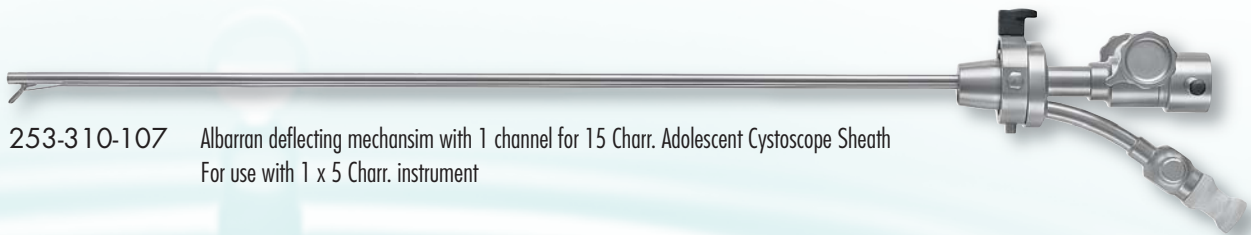
- 253-310-015 Cysto-Urethroscope Sheath 15 Charr., with Obturator
and 2 lateral LuerLock stopcocks ●



- ❶ 253-310-100 Telescope bridge without channel
- ❷ 253-310-101 Telescope bridge with 1 channel for use with 15 Charr. Adolescent Cystoscope Sheath and 5 Charr. flexible instruments



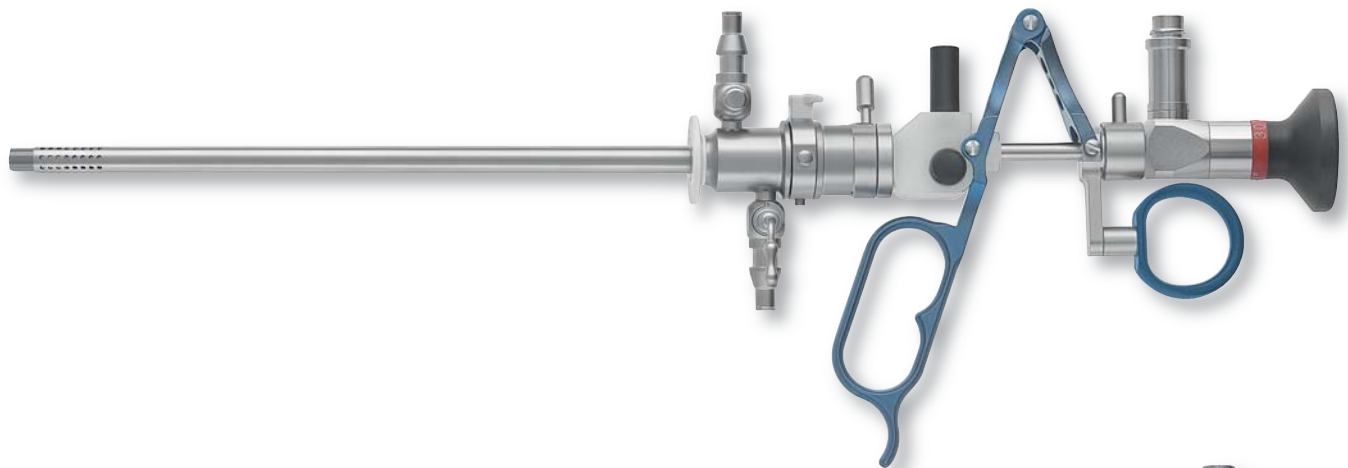
The ratchet mechanism will keep the deflecting mechanism in place for easy handling during surgery.



- 253-310-107 Albarran deflecting mechanism with 1 channel for 15 Charr. Adolescent Cystoscope Sheath
For use with 1 x 5 Charr. instrument



- 253-310-421 Optical Biopsy Forceps, oval cup jaws, double action for use with 16 Charr. Adolescent Cystoscope Sheath and 2.9mm RZ Cystoscope



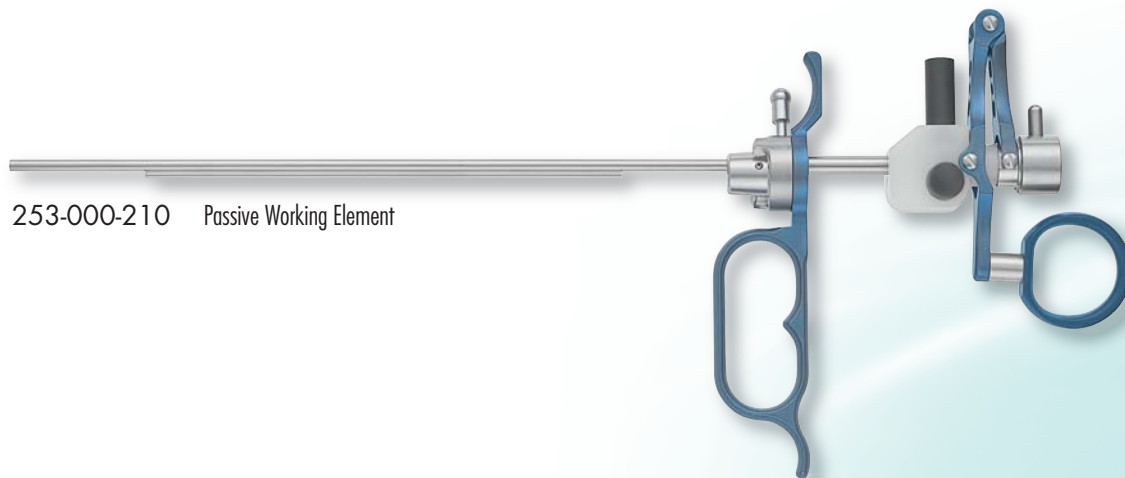
RZ Cystoscope 2.9mm with wide angle view, 302mm working length,
fully autoclavable, colour coded

- 253-829-000 RZ Cystoscope, 0° direction of view
- 253-829-012 RZ Cystoscope, 12° direction of view
- 253-829-030 RZ Cystoscope, 30° direction of view

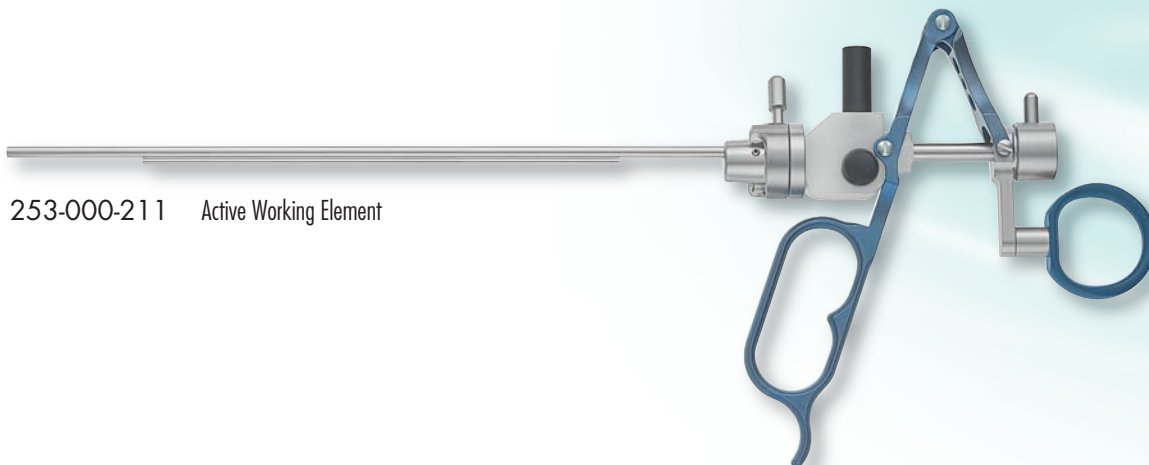


HD

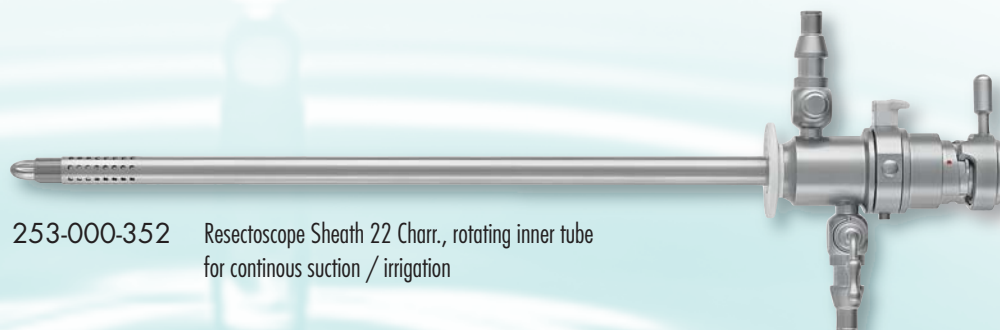
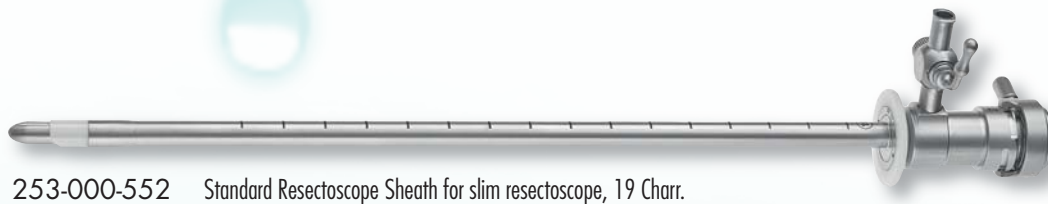
253-000-210 Passive Working Element



253-000-211 Active Working Element

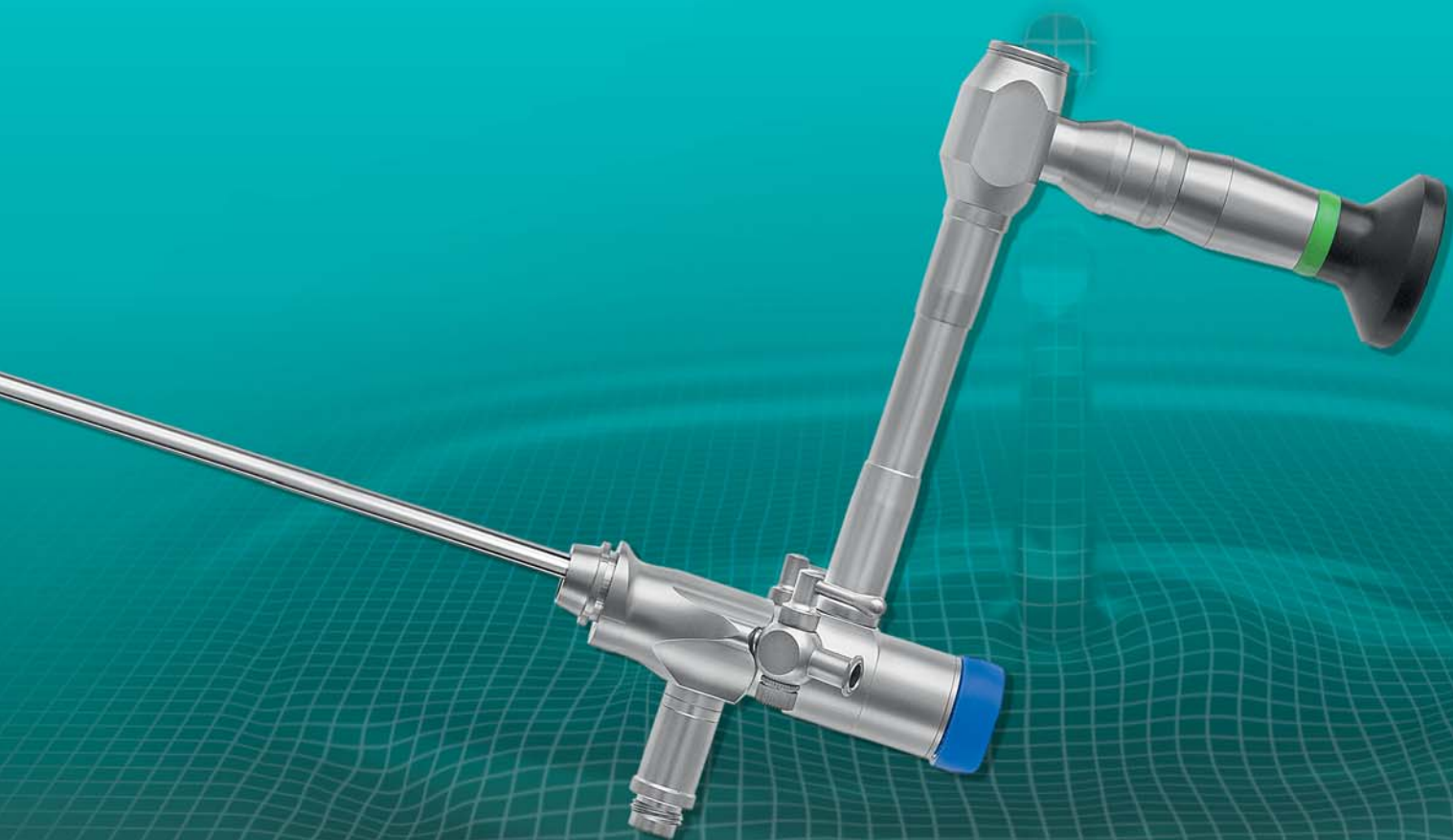


Monopolar High Frequency cables for use with RZ Electrodes, 4.5m length



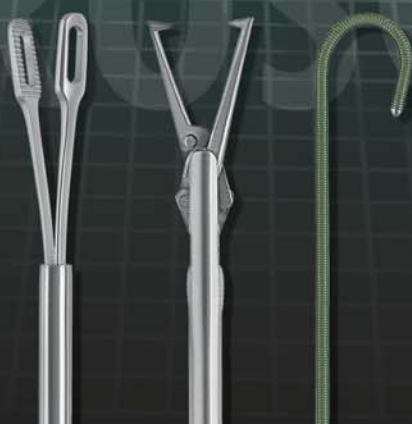


This image shows a full page of blank, lined paper. It features approximately 20 horizontal light blue lines spaced evenly across a white background, typical of standard notebook paper. There are no margins, text, or other markings on the page.



F
NEPH

NEPHROSCOPY

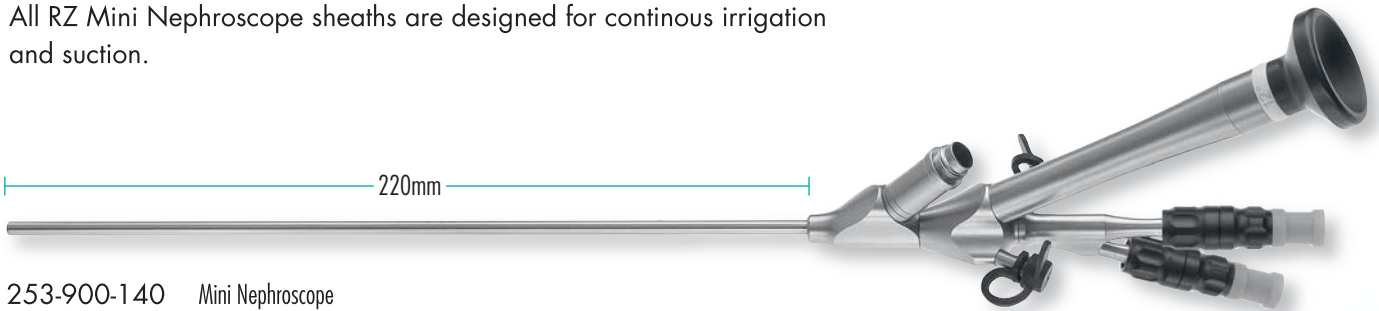


NEPHROSCOPY

12 Fr. MINI NEPHROSCOPE

Mini PCNL: The continuous development of Nephroscopes with suitable instruments enables PCNL nowadays with working sleeves with only 15-21 Charr. The minor trauma to the kidney leads to the use of Mini-PCNL. Kidney stones will be fragmented with a pneumatic Lithotripter or laser lithotripsy system.

Due to the low-pressure suction effect around the RZ Mini Nephroscope the stone fragments will be removed with the irrigation flow. All RZ Mini Nephroscope sheaths are designed for continuous irrigation and suction.



253-900-140 Mini Nephroscope
 Shaft Diameter: 12 Fr.
 Working Channel: 7 Fr. for use with 5 Fr. RZ Instruments
 Working Length: 22cm
 Direction of view: 12°
 Pixel: Full HD 40.000 Pixel **HD**



253-905-500
 Silicone Valve Adapter for Nephroscope working channels



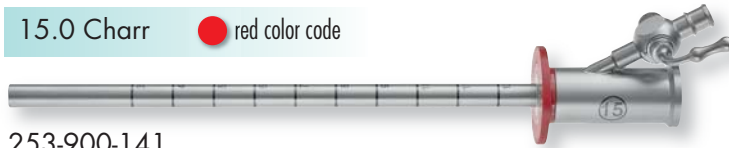
253-905-400
 Silicone Valve, package with 5 pieces



301-701-100
 Rubber seal, grey

OPERATING SHEATHS for use with RZ Mini Nephroscope

15.0 Charr  red color code



253-900-141

15.0 Fr. Nephroscope Sheath for Pediatric use or additional sheath in a multitract PCNL



253-900-146

One-Step Dilator with 1 central guide wire channel for 253-900-141



253-900-145

2-piece Sealing Adaptor with sheath and obturator for use with 253-900-141

16.5 Charr  blue color code



253-900-142

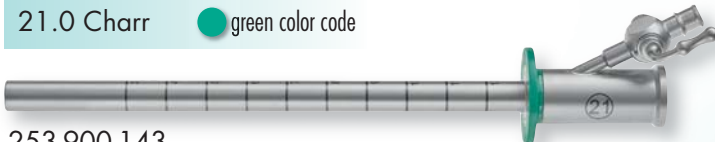
16.5 Fr. Nephroscope Sheath with automatic pressure control for Standard Procedures or additional sheath in a multitract PCNL



253-900-147

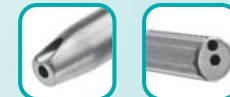
One-Step Dilator with 1 central guide wire channel and 1 excentric guide wire channel for 253-900-142

21.0 Charr  green color code



253-900-143

21.0 Fr. Nephroscope Sheath with automatic pressure control for lower calyx access in multitract PCNL



253-900-148

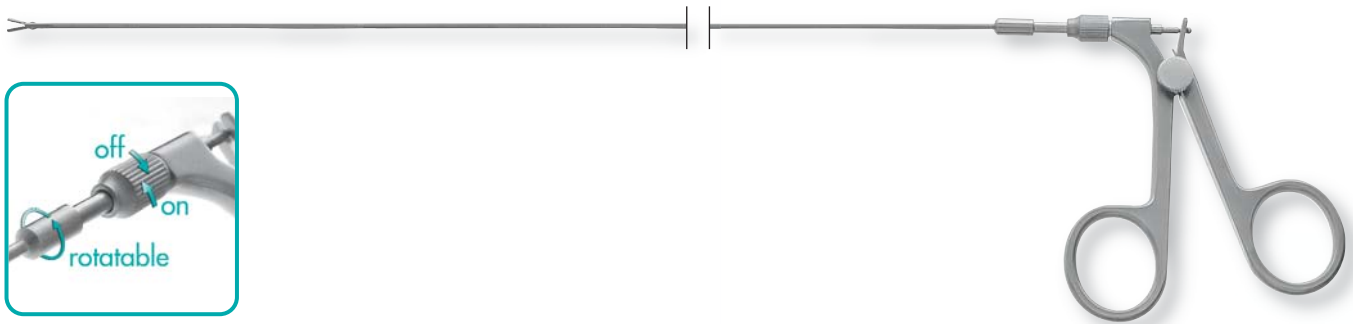
One-Step Dilator with 1 central guide wire channel and 1 excentric guide wire channel for 253-900-143



253-900-200 Sterile disposable Guide wire, J-tip, flexible, 150cm length

RZ NEPHROSCOPY INSTRUMENTS

450mm working length, semi-rigid



253-950-455

5 Charr.

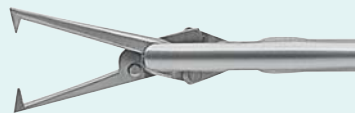


STONE GRASPING FORCEPS

Double action jaws, retrograde serration

253-952-455

5 Charr.

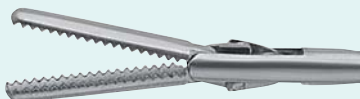


STONE GRASPING FORCEPS

For large stones, double action jaws, 1 x 1 teeth

253-954-455

5 Charr.



HAMADA LONG STONE GRASPING FORCEPS

Double action jaws, fine serrated

253-956-455

5 Charr.



BIOPSY FORCEPS

Double action jaws

253-958-455

5 Charr.

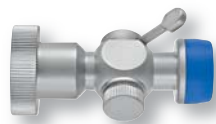


SCISSORS

Single action jaws

FULL HD

253-900-100 RZ Nephroscope 6° direction of view, oblique view, with 2 LuerLock stopcocks and detachable instrument stopcock



253-900-105 Stopcock, only for use with RZ Nephroscopes

253-900-101 RZ Nephroscope 6° direction of view, oblique view, with 2 LuerLock stopcocks and detachable instrument Stopcock



① 253-900-110 Operating Sheath 26 Charr.

② 253-900-111 Operating Sheath 24 Charr.



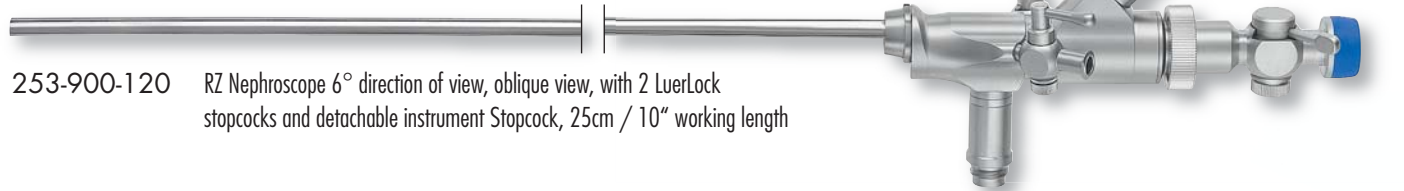
① 253-900-115 Hollow Obturator 26 Charr.

② 253-900-116 Hollow Obturator 24 Charr.





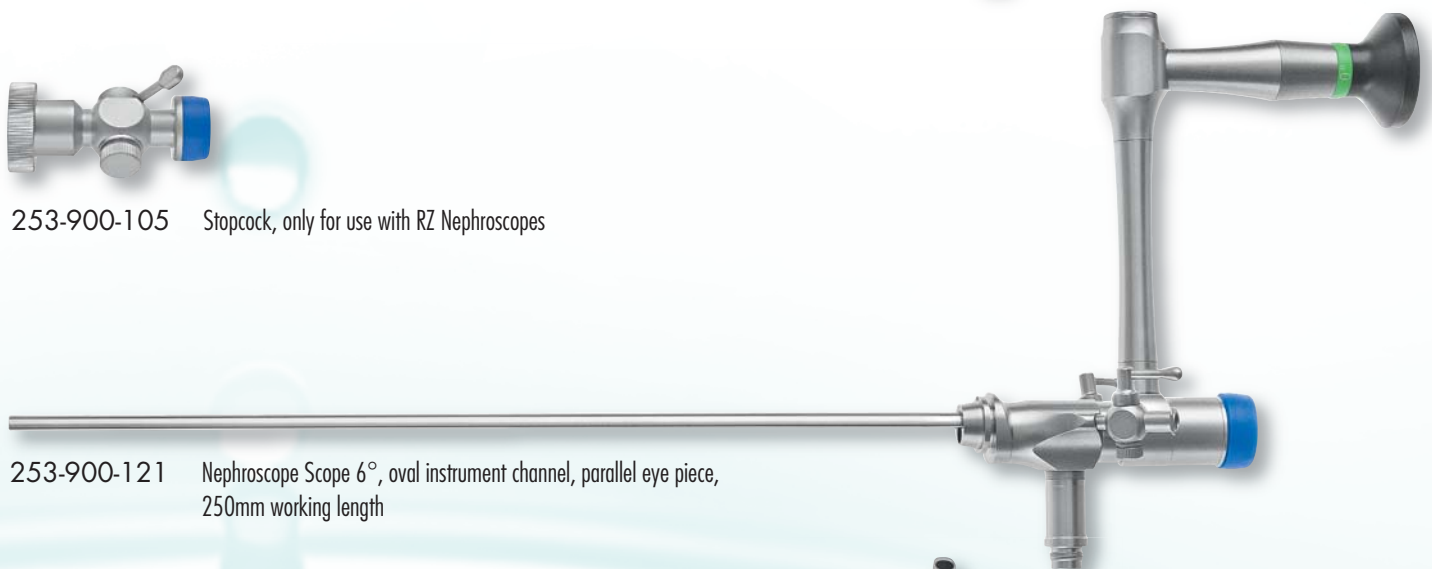
FULL HD



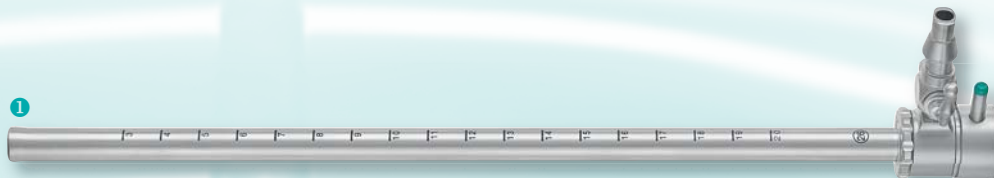
253-900-120 RZ Nephroscope 6° direction of view, oblique view, with 2 LuerLock stopcocks and detachable instrument Stopcock, 25cm / 10" working length



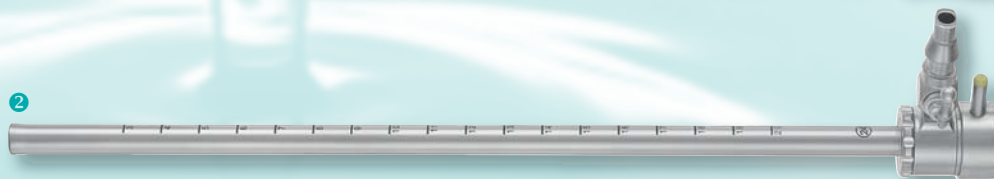
253-900-105 Stopcock, only for use with RZ Nephroscopes



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



1



2

1 253-900-130 Operating Sheath 26 Charr., 25cm / 10" working length

2 253-900-131 Operating Sheath 24 Charr., 25cm / 10" working length



1



2

1 253-900-135 Hollow Obturator 26 Charr., 25cm / 10" working length

2 253-900-136 Hollow Obturator 24 Charr., 25cm / 10" working length



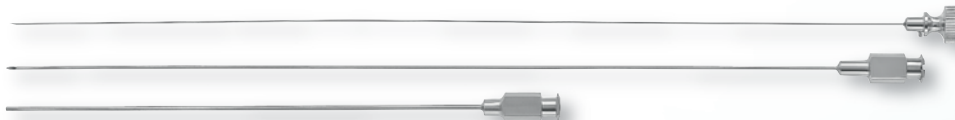
253-900-155 Amplatz metal Dilator Set containing 6 Dilators with 9, 12, 15, 18, 21 and 24 Charr. and 2 flexible and 2 rigid guide rods for use with guide wires



253-900-156 Amplatz metal Dilator 27 Charr.



253-900-157 Amplatz metal Dilator 30 Charr.



253-900-201 Puncture Cannula with inner and outer cannula



253-900-202 Dilation Cannula, 3mm Dia. with inner and outer cannula



253-900-200 Sterile disposable Guide wire, J-tip, flexible, 150cm length

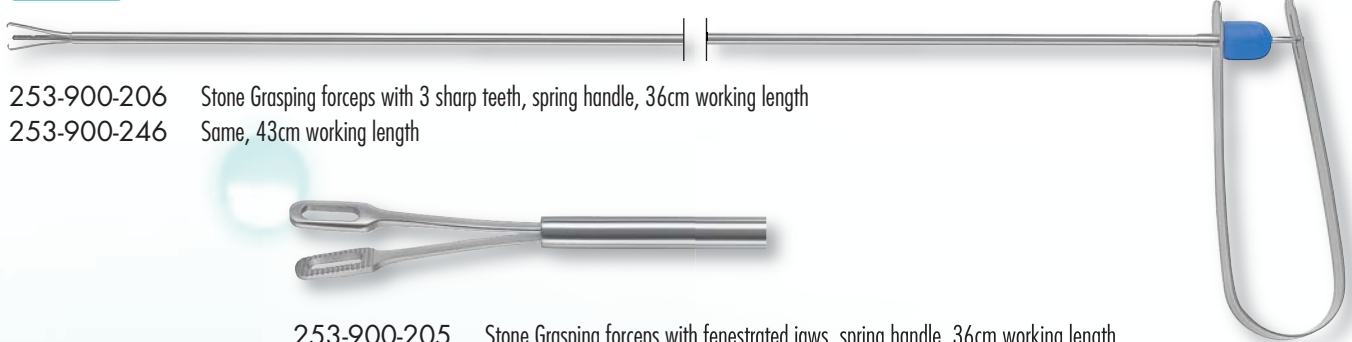




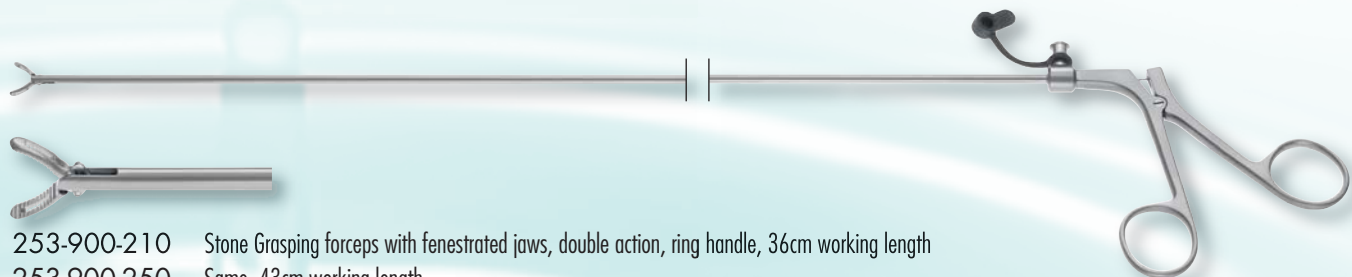
253-900-306 3 Prong Stone Grasping Forceps for larger stones, with spring handle, 4mm
36cm working length



253-900-206 Stone Grasping forceps with 3 sharp teeth, spring handle, 36cm working length
253-900-246 Same, 43cm working length



253-900-205 Stone Grasping forceps with fenestrated jaws, spring handle, 36cm working length
253-900-245 Same, 43cm working length



253-900-210 Stone Grasping forceps with fenestrated jaws, double action, ring handle, 36cm working length
253-900-250 Same, 43cm working length



253-900-212 Stone Grasping forceps with coarse serrated jaws, double action, ring handle, 36cm working length
253-900-252 Same, 43cm working length



253-900-211 Biopsy forceps with sharp cup, single action, ring handle,
36cm working length
253-900-251 Same, 43cm working length



253-900-213 Scissors, sharp tip, single action, ring handle,
36cm working length
253-900-253 Same, 43cm working length

RZ percutaneous dilators set, sterile, disposable

253-900-170



Complete Set consists of:



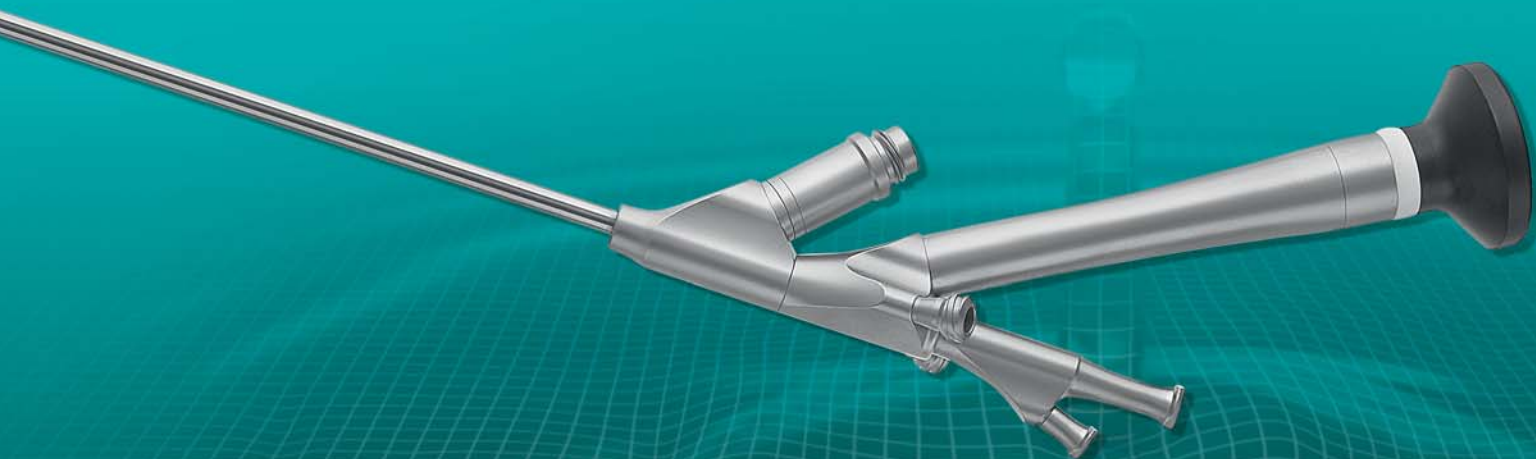
DILATORS

Description	Length (mm)	Fr
Facial Dilator 6 Fr	300	6
Facial Dilator 8 Fr	300	8
Facial Dilator 10 Fr	300	10
Facial Dilator 12 Fr	300	12
Facial Dilator 14 Fr	300	14
Facial Dilator 16 Fr	300	16
Facial Dilator 18 Fr	300	18
Renal Dilator 20 Fr	300	20
Renal Dilator 22 Fr	300	22
Renal Dilator 24 Fr	300	24
Renal Dilator 26 Fr	300	26
Renal Dilator 28 Fr	300	28
Renal Dilator 30 Fr	300	30
Introducer Catheter	700	7

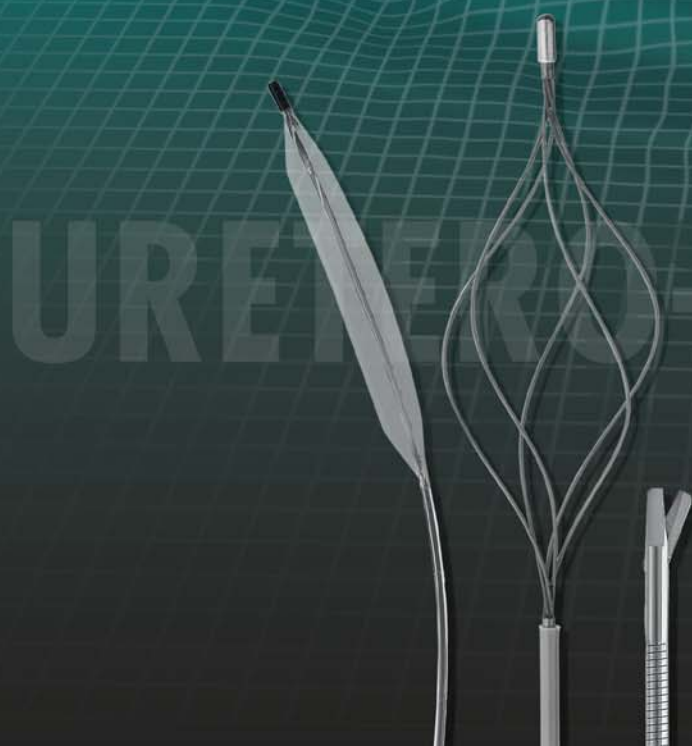


SHEATHS

Fr (ID)	Fr (OD)	Length (mm)
26	30	180
28	32	180
30	34	180



G
URS



URETERO-RENOSCOPE

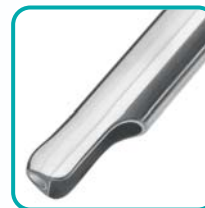
URETERO-RENOSCOPE

Features and Benefits of the RZ Ureter-Renscopes

- Full HD 50.000 Pixel Fiber System for brilliant picture quality
- Semi-flexible shaft for operations in anatomical difficult areas
- Atraumatic Tip Design for easy introduction into the ureteral orifice
- Soft-step tapered shaft for atraumatic dilation of the ureter
- Silicone valve system with 2 parallel sealings for leaking-free working channels
- 2 different working lengths, suitable for upper and lower ureter-renaloscopies
- 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
- Oblique light connector for ergonomic handling



50.000 Pixel Fiber System



Atraumatic Tip Design



Tapered shaft



Oblique channels/connectors





253-905-540 Advanced Semi-Rigid Uretero-Renscope, 45cm
253-905-530 Advanced Semi-Rigid Uretero-Renscope, 31cm

RZ Medizintechnik provides special advantages for this ureteroscopy:

- Unique optical quality (50.000 pixel)
- Atraumatic design for easy introduction into the ureteral orifice
- Soft-step tapered shaft
- Silicone valve system for working channels
- Large working channel for all accessories up to 5 Fr
- Oblique irrigation/suction channels for better dilation and continuous suction
- Oblique light connector for ergonomic handling

Shaft Diameter / Length

Distal Tip	7.0 Fr
Distal	8.0 Fr
Proximal	9.5 Fr
Total Working Length	45cm or 31 cm
Working Channel	5.8 Fr
Field of view	65°
Direction of View	5°



253-905-500
Silicone Valve Adapter for
RZ Uretero-Renscope
working channels



253-905-400
Silicone Valve, package with 5 pieces



The direction of view is 5°, the field of view is 65°. RZ optics allow a highly detailed, bright and cristal-clear Image up to 50,000 pixels. Thanks to the atraumatic tip, it can be easily introduced to the ureteral orifice.



The innovative semi-rigid designed one-piece tapered shaft allows easy insertion and gentle dilation.



Newly designed for an easier and handy function, the new RZ eyepiece is preset to „0“ dipters and is perfectly combined to the optic and distal tip.



All channels allow easy and comfortable insertion. Two ports are available - and each allow insertion of semi-rigid and flexible instruments. Our expertise in Urology guarantees perfect and comfortable function at any time.



253-905-000 Container for Uretero Renscope with Silicone insert
640 x 140 x 60mm



253-900-001 Uretero-Renscope carrying case



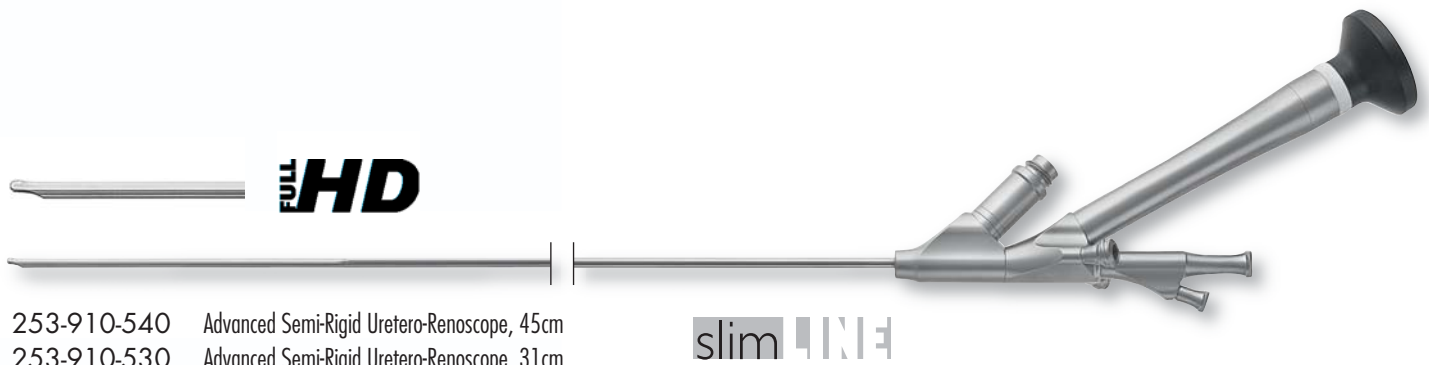
		5 Charr.	4 Charr.	
	rigid	253-950-005	253-950-004	Stone Grasping Forceps, double action jaws, 60cm length
	flexible	253-951-005	253-951-004	
	rigid	253-952-005	253-952-004	Stone Grasping Forceps for large stones, double action jaws, 60cm length
	flexible	253-953-005	253-953-004	
	rigid	253-954-005	253-954-004	HAMADA long Stone Grasping Forceps, double action jaws, 60cm length
	flexible	253-955-005	253-955-004	
	rigid	253-956-005	253-956-004	Biopsy Forceps, double action jaws, 60cm length
	flexible	253-957-005	253-957-004	
	rigid	253-958-005	253-958-004	Scissors, single action, 60cm length
	flexible	253-959-005	253-959-004	
	253-960-025	Stone Basket, 2.5 Charr., sterile single use, package of 5 pieces		
	253-962-003	Brush for Cytology, 3.0 Charr., for single use, package of 5 pieces		



253-940-005 3-Prongs Grasper, flexible, 600mm working length, 5 Charr.



253-585-005 Dormia Metal Stone Basket, flexible, 4 wires, 600mm working length, 5 Charr.



253-910-540 Advanced Semi-Rigid Uretero-Renoscope, 45cm
253-910-530 Advanced Semi-Rigid Uretero-Renoscope, 31cm

RZ Medizintechnik provides special advantages for this ureteroscope:

- Unique optical quality (40.000 pixel)
- Atraumatic design for easy introduction into the ureteral orifice
- Soft-step tapered shaft
- Silicone valve system for working channels
- Large working channel for all accessories up to 4 Fr
- Oblique irrigation/suction channels for better dilation and continuous suction
- Oblique light connector for ergonomic handling

Shaft Diameter / Length

Distal Tip	6.0 Fr
Distal	7.0 Fr
Proximal	7.5 Fr
Total Working Length	45cm or 31 cm
Working Channel	5 Fr
Field of view	65°
Direction of View	5°



253-905-500
Silicone Valve Adapter for
RZ Uretero-Renoscope
working channels



253-905-400
Silicone Valve, package with 5 pieces

4 Charr. Instruments



rigid	253-950-004	Stone Grasping Forceps, double action jaws, 60cm length
flexible	253-951-004	



rigid	253-952-004	Stone Grasping Forceps for large stones, double action jaws, 60cm length
flexible	253-953-004	



rigid	253-954-004	HAMADA long Stone Grasping Forceps, double action jaws, 60cm length
flexible	253-955-004	



rigid	253-956-004	Biopsy Forceps, double action jaws, 60cm length
flexible	253-957-004	



rigid	253-958-004	Scissors, single action, 60cm length
flexible	253-959-004	



URETERO-RENSCOPE

Superslim Uretero-Renoscope



253-915-540 Advanced Semi-Rigid Uretero-Renoscope, 45cm
253-915-530 Advanced Semi-Rigid Uretero-Renoscope, 31cm

superslim

RZ Medizintechnik provides special advantages for this ureteroscopy:

- Unique optical quality (30.000 pixel)
- Atraumatic design for easy introduction into the ureteral orifice
- Soft-step tapered shaft
- Silicone valve system for working channels
- Large working channel for all accessories up to 3 Fr
- Oblique irrigation/suction channels for better dilation and continuous suction
- Oblique light connector for ergonomic handling

Shaft Diameter / Length

Distal Tip	4.5 Fr
Distal	5.0 Fr
Proximal	6.0 Fr
Total Working Length	45cm or 31 cm
Working Channel	4 Fr
Field of view	65°
Direction of View	5°



253-905-500
Silicone Valve Adapter for
RZ Uretero-Renoscope
working channels



253-905-400
Silicone Valve, package with 5 pieces

3 Charr. Instruments



rigid	253-950-003	Stone Grasping Forceps, double action jaws, 60cm length
flexible	253-951-003	



rigid	253-952-003	Stone Grasping Forceps for large stones, double action jaws, 60cm length
flexible	253-953-003	



rigid	253-954-003	HAMADA long Stone Grasping Forceps, double action jaws, 60cm length
flexible	253-955-003	



rigid	253-956-003	Biopsy Forceps, double action jaws, 60cm length
flexible	253-957-003	

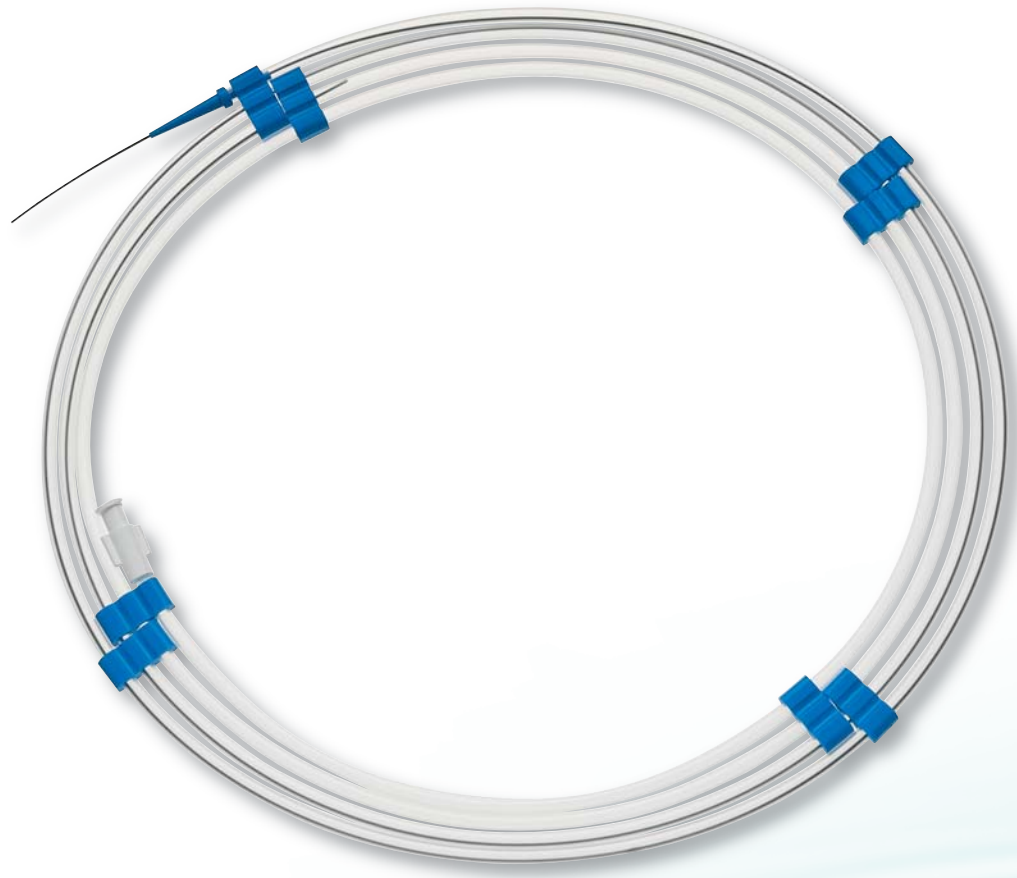
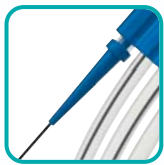


rigid	253-958-003	Scissors, single action, 60cm length
flexible	253-959-003	

RZ Hydrophilic Guide Wire Nitinol

Advantages:

- Nitinol Core
- Extruded PU Coating
- Hydrophilic Surface
- Excellent Visibility on X-Rays



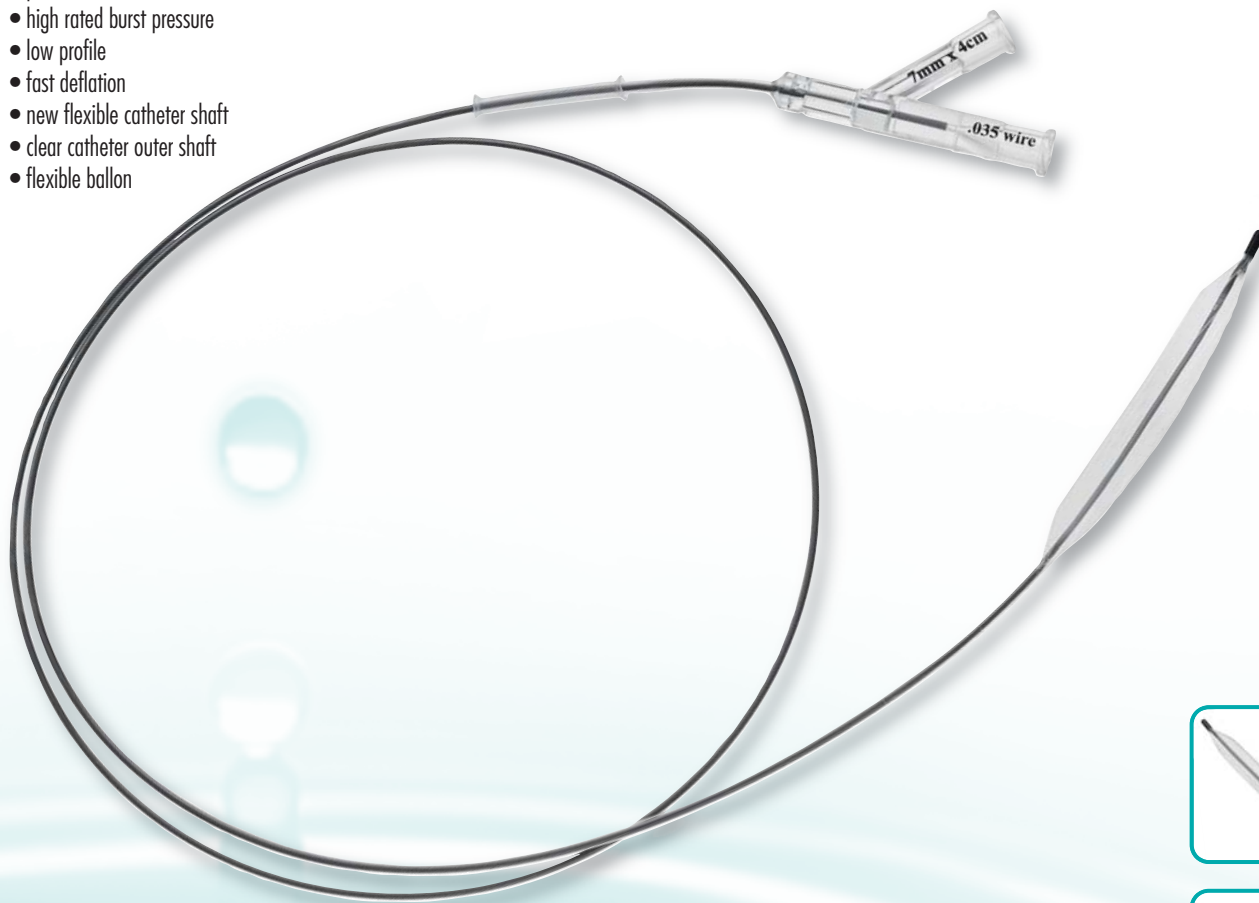
Hydrophilic guide wire,
one side rigid, one side flexible, 150cm length

Article-No.	Diameter	Tip
253-832-150	0.032"	straight
253-832-151	0.032"	curved
253-835-150	0.035"	straight
253-835-151	0.035"	curved

I RZ Ureteral Balloon Dilator

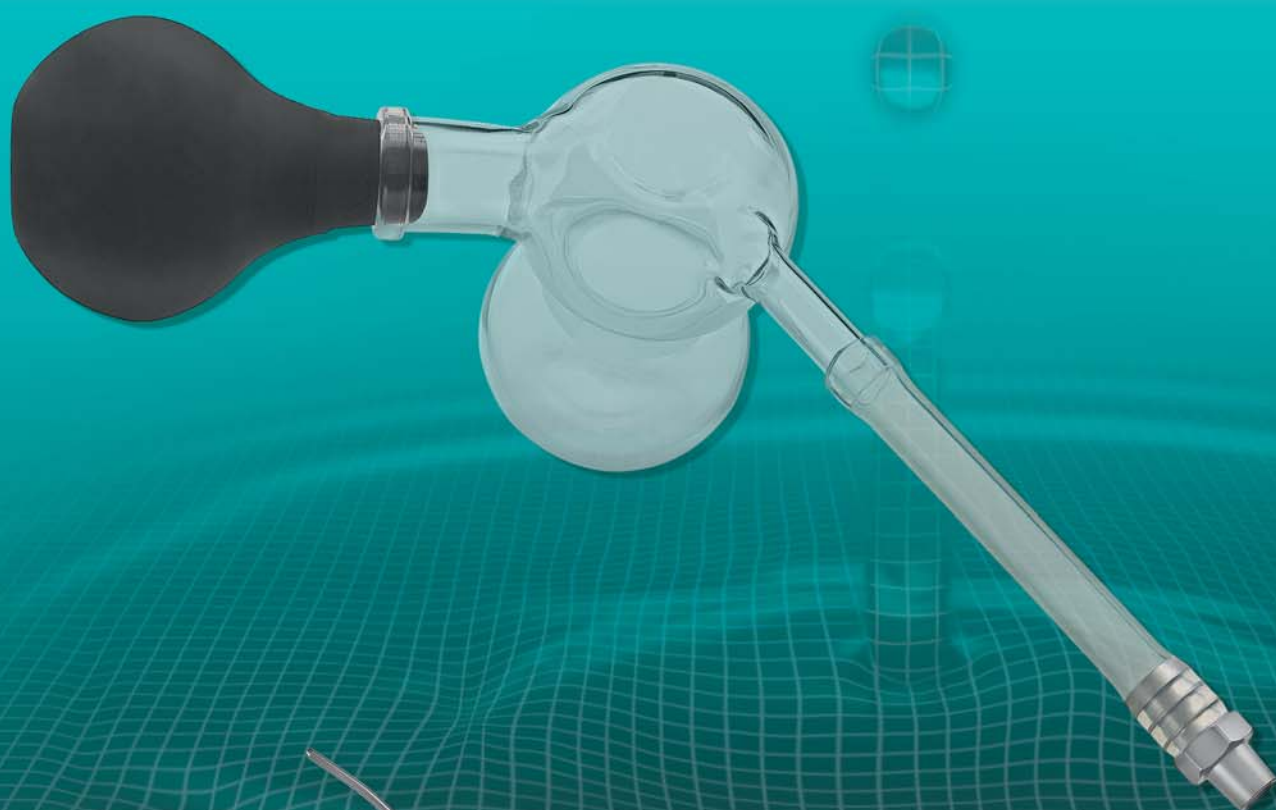
Advantages:

- non compliant
- short flexible, radiopaque tip
- puncture resistant balloon material
- high rated burst pressure
- low profile
- fast deflation
- new flexible catheter shaft
- clear catheter outer shaft
- flexible balloon



RZ Reference No.	Balloon Ø	Balloon Length	Catheter Ø	Rated Burst Pressure	Guide Wire
Shaft Length: 75 mm	mm / CH	mm	mm / CH	atm (RBP)	Inch
254-904-040	4.0 / 12	40	2.0 / 6.0	20	0.035
254-904-060	4.0 / 12	60			
254-904-100	4.0 / 12	100			
254-905-040	5.0 / 16	40			
254-905-060	5.0 / 16	60			
254-905-100	5.0 / 16	100			
254-906-040	6.0 / 18	40			
254-906-060	6.0 / 18	60			
254-906-100	6.0 / 18	100			
254-907-040	7.0 / 21	40			
254-907-060	7.0 / 21	60			
254-907-100	7.0 / 21	100			
254-908-040	8.0 / 24	40			
254-908-080	8.0 / 24	80			
254-910-040	10.0 / 30	40	2.3 / 7.0		
254-910-060	10.0 / 30	60			
254-910-080	10.0 / 30	80			

[illegible]



H
ACCE

ACCESSORIES

All RZ syringes feature the Turn Lock connection for fast, easy and safe connection to all RZ Cystoscope and Resectoscope sheaths



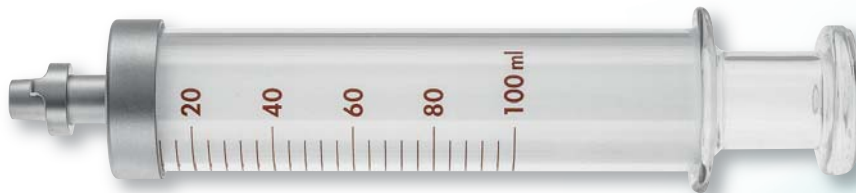
- 253-000-975 Bladder Syringe, 75cc
- 253-000-976 Spare glass cylinder, 75cc

- 253-000-900 Bladder Syringe, 100cc
- 253-000-901 Spare glass cylinder, 100cc

- 253-000-950 Bladder Syringe, 150cc
- 253-000-951 Spare glass cylinder, 150cc



Spare glass cylinder



- 253-000-850 Toomey complete glass syringe, 50cc
- 253-000-800 Toomey complete glass syringe, 100cc



- 253-000-810 Attachment for bladder catheters for use with Toomey syringes



253-500-000 Ellik Evacuator with Turn Lock connection



253-500-001 Ellik Evacuator with Standard connection

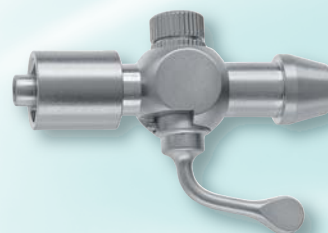
- ① 253-500-003 Rubber ball
- ② 253-500-004 Glass tank
- ③ 253-500-010 Standard connector with silicone tube
- ④ 253-500-020 Turn Lock connector with silicone tube



300-011-181
LuerLock tube connector 9mm



300-011-506
LuerLock tube connector 6mm



300-011-179
LuerLock tube connector
with stopcock



300-400-900
Rubber Seals for LuerLock connectors



300-400-901
Rubber Seals for LuerLock
connectors



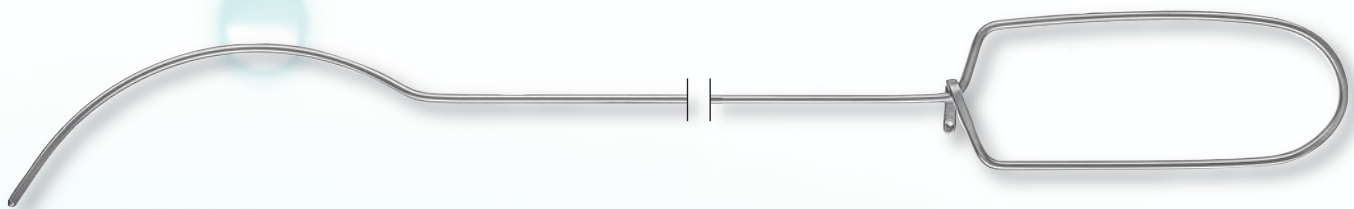
301-701-100
Grey Rubber cap for use
on all working channels



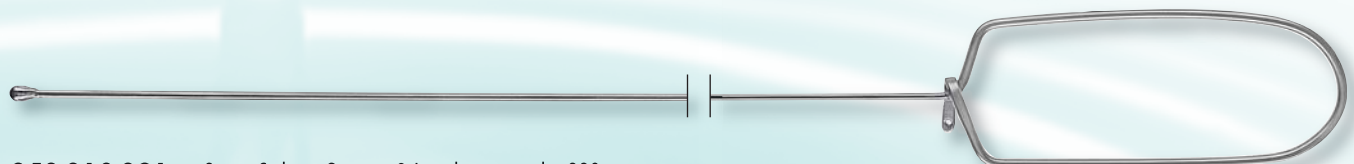
253-370-009 OTIS Bougie à Boule 9-12-15-18 Charr.
253-370-021 OTSI Bougie à Boule 21-24-27-30 Charr.



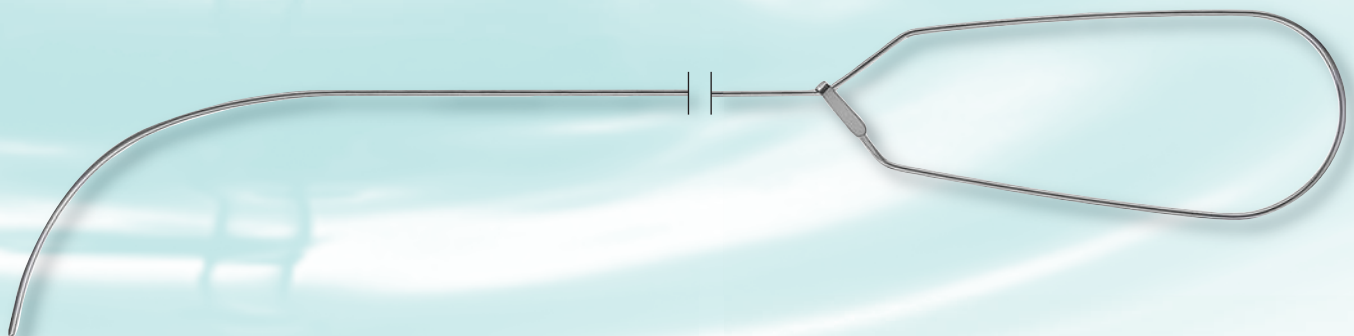
253-375-010 RZ Orifice Dilator 10-20 Charr.
253-375-015 RZ Orifice Dilator 15-30 Charr.



253-310-390 Guyon Catheter Spanner & Introducer, curved, 390mm



253-310-391 Guyon Catheter Spanner & Introducer, straight, 390mm
253-310-392 Guyon Catheter Spanner & Introducer, straight, 455mm
253-310-393 Guyon Catheter Spanner & Introducer, straight, 510mm



320-603-455 Foley Catheter Spanner & Introducer, curved, 455mm



Guyon Bougies, strong curved

253-340-335	8 Charr.	253-349-335	22 Charr.	253-354-335	28 Charr.
253-341-335	9 Charr.	253-350-335	24 Charr.	253-355-335	30 Charr.
253-342-335	10 Charr.	253-351-335	25 Charr.	253-356-335	32 Charr.
253-343-335	11 Charr.	253-352-335	26 Charr.	253-357-335	34 Charr.
253-344-335	12 Charr.	253-353-335	27 Charr.		
253-345-335	14 Charr.				
253-346-335	16 Charr.				
253-347-335	18 Charr.				
253-348-335	20 Charr.				



Van Buren Bougies, acutely curved

253-650-010	10 Charr.	253-650-024	24 Charr.
253-650-012	12 Charr.	253-650-026	26 Charr.
253-650-014	14 Charr.	253-650-028	28 Charr.
253-650-016	16 Charr.	253-650-030	30 Charr.
253-650-018	18 Charr.	253-650-032	32 Charr.
253-650-020	20 Charr.	253-650-034	34 Charr.
253-650-022	22 Charr.	253-650-036	36 Charr.



Dittel Bougies, slightly curved

253-320-335	8 Charr.	253-329-335	22 Charr.
253-321-335	9 Charr.	253-330-335	24 Charr.
253-322-335	10 Charr.	253-331-335	25 Charr.
253-323-335	11 Charr.	253-332-335	26 Charr.
253-324-335	12 Charr.	253-333-335	27 Charr.
253-325-335	14 Charr.	253-334-335	28 Charr.
253-326-335	16 Charr.	253-335-335	30 Charr.
253-327-335	18 Charr.	253-336-335	32 Charr.
253-328-335	20 Charr.	253-337-335	34 Charr.



Dittel Bougies, straight

253-320-225	8 Charr.	253-329-225	22 Charr.
253-321-225	9 Charr.	253-330-225	24 Charr.
253-322-225	10 Charr.	253-331-225	25 Charr.
253-323-225	11 Charr.	253-332-225	26 Charr.
253-324-225	12 Charr.	253-333-225	27 Charr.
253-325-225	14 Charr.	253-334-225	28 Charr.
253-326-225	16 Charr.	253-335-225	30 Charr.
253-327-225	18 Charr.	253-336-225	32 Charr.
253-328-225	20 Charr.	253-337-225	34 Charr.



253-360-047	Hey Grove Retrograde Bougie, 170mm, 4/7 Charr.
253-360-069	Hey Grove Retrograde Bougie, 170mm, 6/9 Charr.
253-360-811	Hey Grove Retrograde Bougie, 170mm, 8/11 Charr.
253-360-100	Hey Grove Retrograde Bougie, set of 3



Ureteral Dilator, flexible, 50cm

	253-920-090	9 Charr.		253-920-135	13.5 Charr.
	253-920-105	10.5 Charr.		253-920-150	15 Charr.
	253-920-120	12 Charr.			



Catheter for male

320-720-080	8 Charr.
320-720-100	10 Charr.
320-720-120	12 Charr.
320-720-140	14 Charr.
320-720-160	16 Charr.
320-720-180	18 Charr.
320-720-200	20 Charr.
320-720-220	22 Charr.
320-720-240	24 Charr.

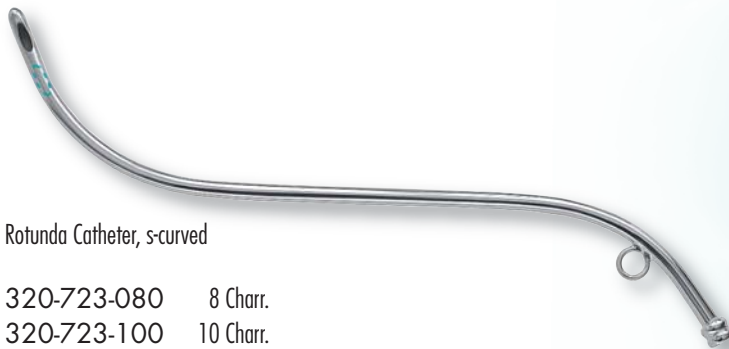


No sharp edges around fenestration



Catheter for female

320-721-080	8 Charr.
320-721-100	10 Charr.
320-721-120	12 Charr.
320-721-140	14 Charr.
320-721-160	16 Charr.
320-721-180	18 Charr.
320-721-200	20 Charr.
320-721-220	22 Charr.
320-721-240	24 Charr.



Rotunda Catheter, s-curved

320-723-080	8 Charr.
320-723-100	10 Charr.
320-723-120	12 Charr.
320-723-140	14 Charr.
320-723-160	16 Charr.
320-723-180	18 Charr.
320-723-200	20 Charr.
320-723-220	22 Charr.
320-723-240	24 Charr.



I
CLEA

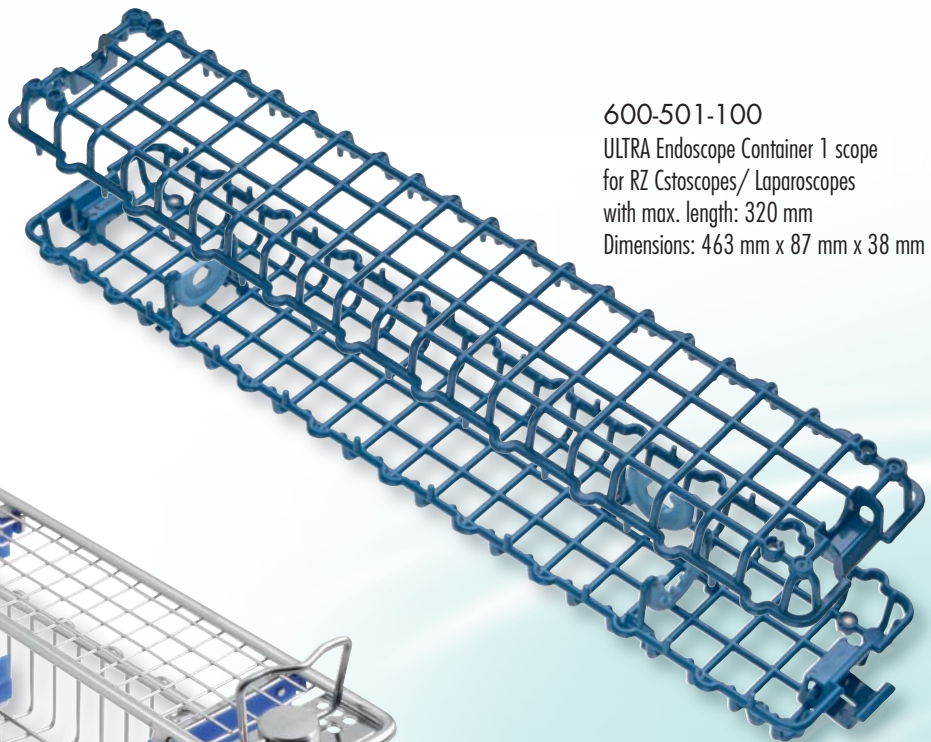
CLEANING AND
STERILISATION





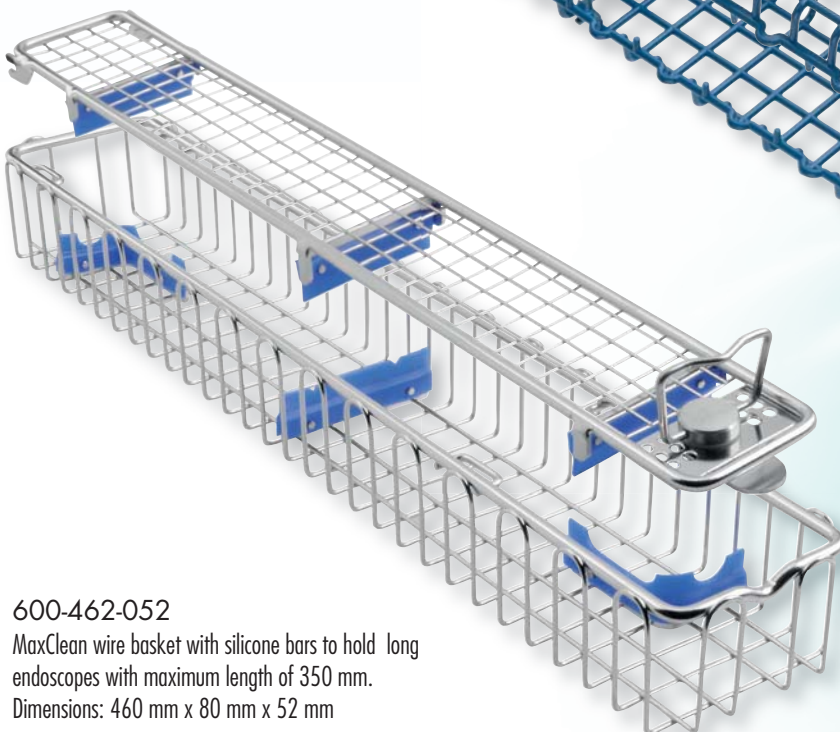
600-292-052

MaxClean wire basket with silicone bars to hold 2 short endoscopes with maximum length of 190mm.
Dimensions: 290mm x 80mm x 52mm



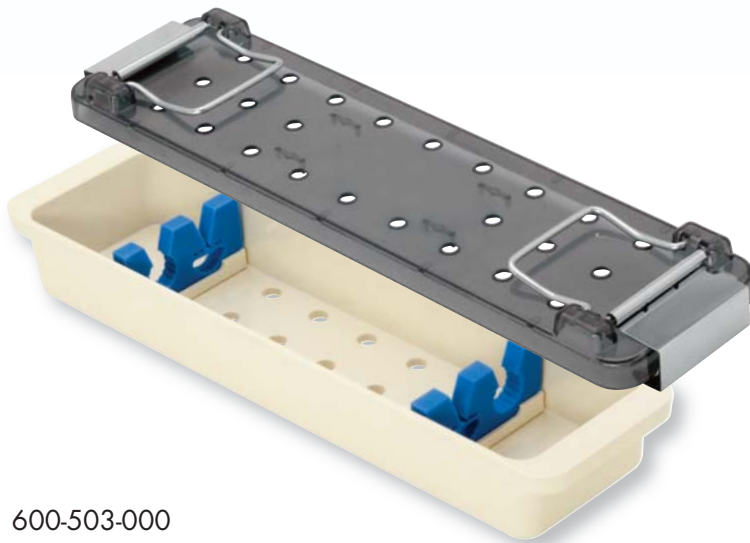
600-501-100

ULTRA Endoscope Container 1 scope for RZ Cstoscopes/ Laparoscopes with max. length: 320 mm
Dimensions: 463 mm x 87 mm x 38 mm



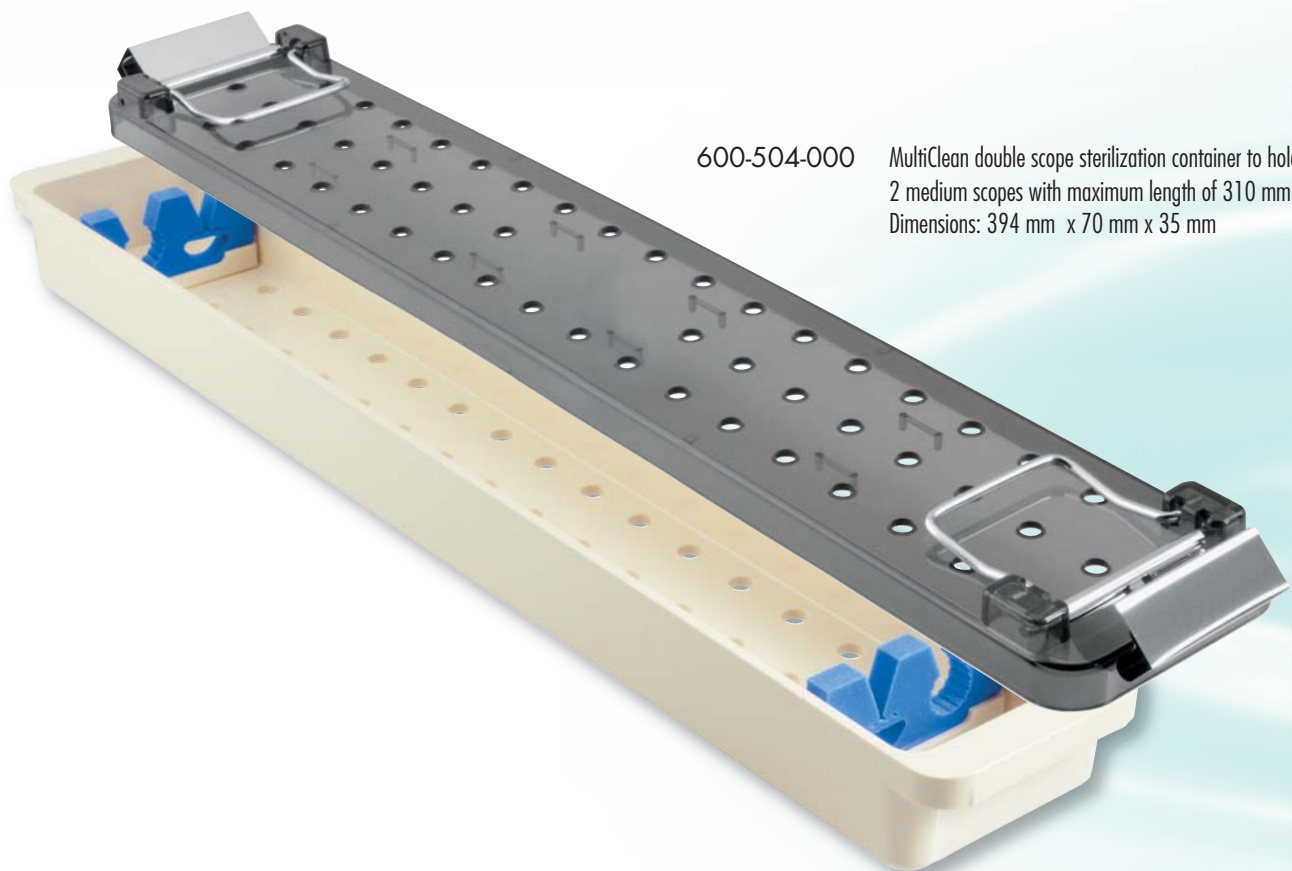
600-462-052

MaxClean wire basket with silicone bars to hold long endoscopes with maximum length of 350 mm.
Dimensions: 460 mm x 80 mm x 52 mm



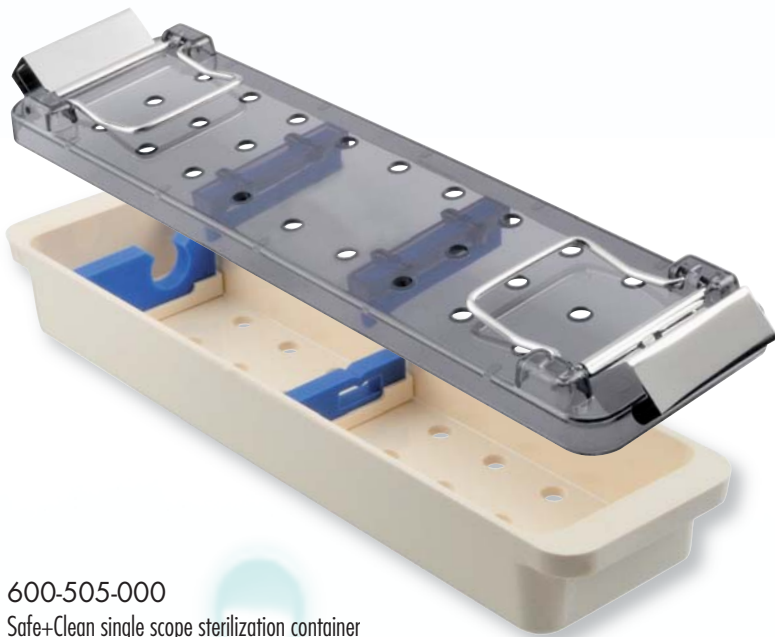
600-503-000

MultiClean double scope sterilization container to hold
2 short endoscopes with maximum length of 270mm.
Dimensions: 271mm x 70mm x 35mm



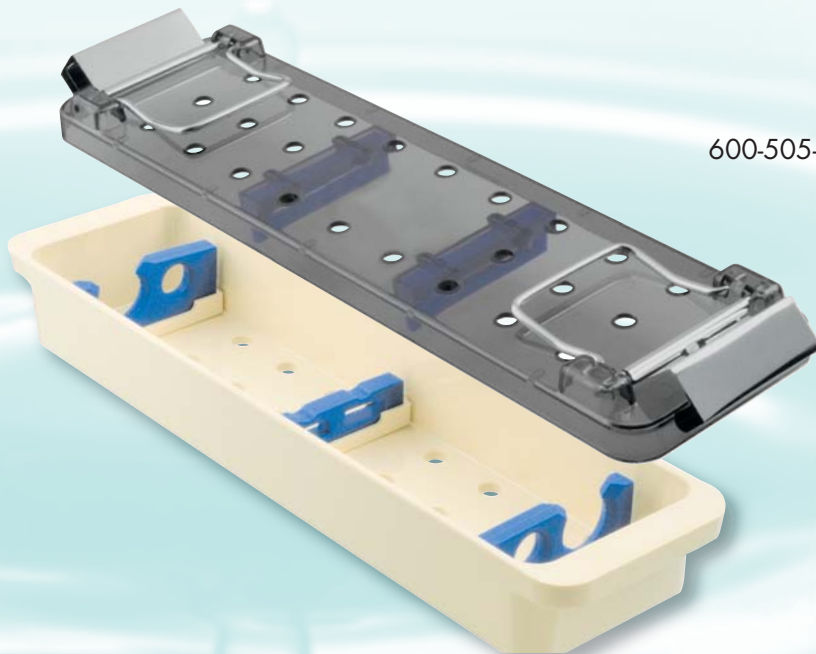
600-504-000

MultiClean double scope sterilization container to hold
2 medium scopes with maximum length of 310 mm.
Dimensions: 394 mm x 70 mm x 35 mm



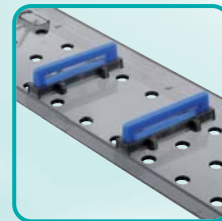
600-505-000

Safe+Clean single scope sterilization container
to hold 1 short scope with maximum length of 270 mm.
Dimensions: 271 mm x 70 mm x 35 mm
with silicone bars on base and lid

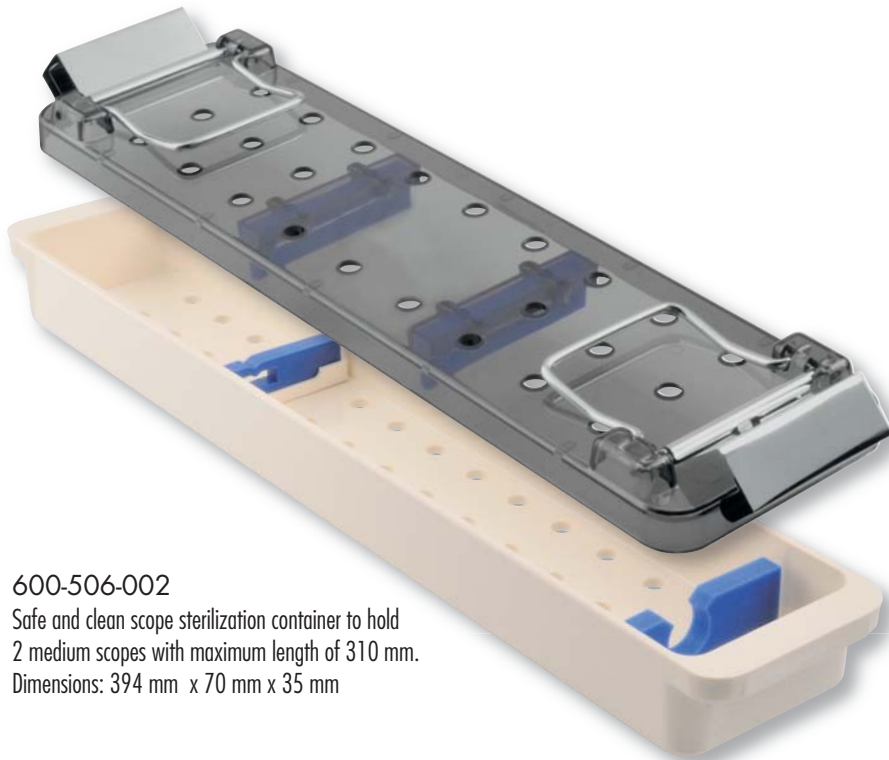


600-505-002

Safe+Clean double scope sterilization container to hold 2
short scopes with maximum length of 190 mm.
Dimensions: 271 mm x 70 mm x 35 mm

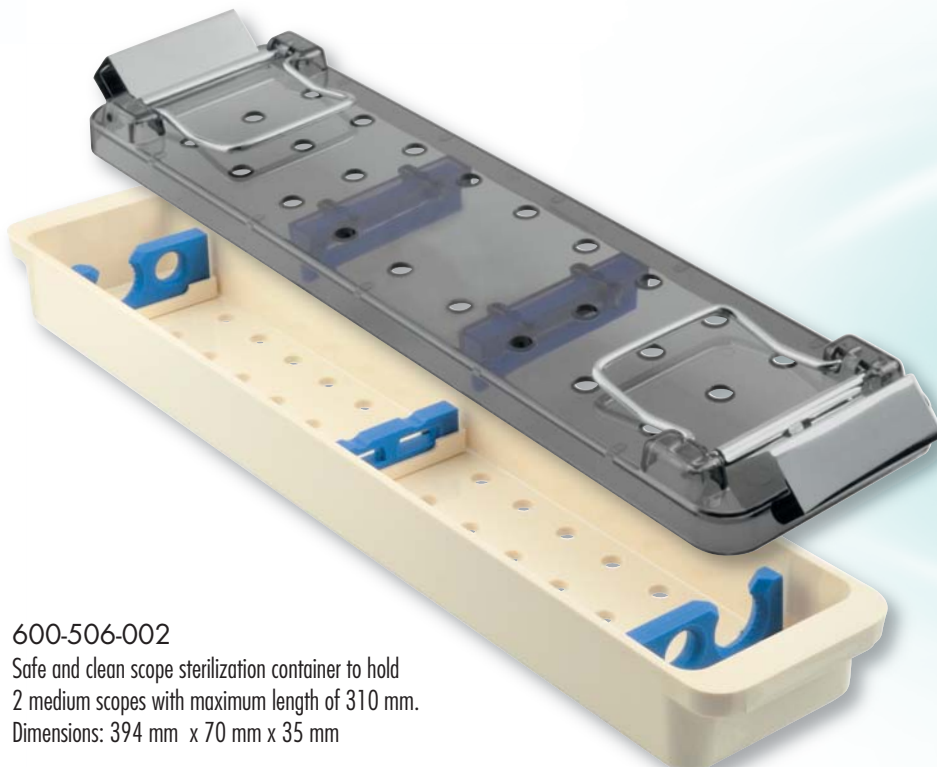


Safe and clean
with silicone bars on
base and lid



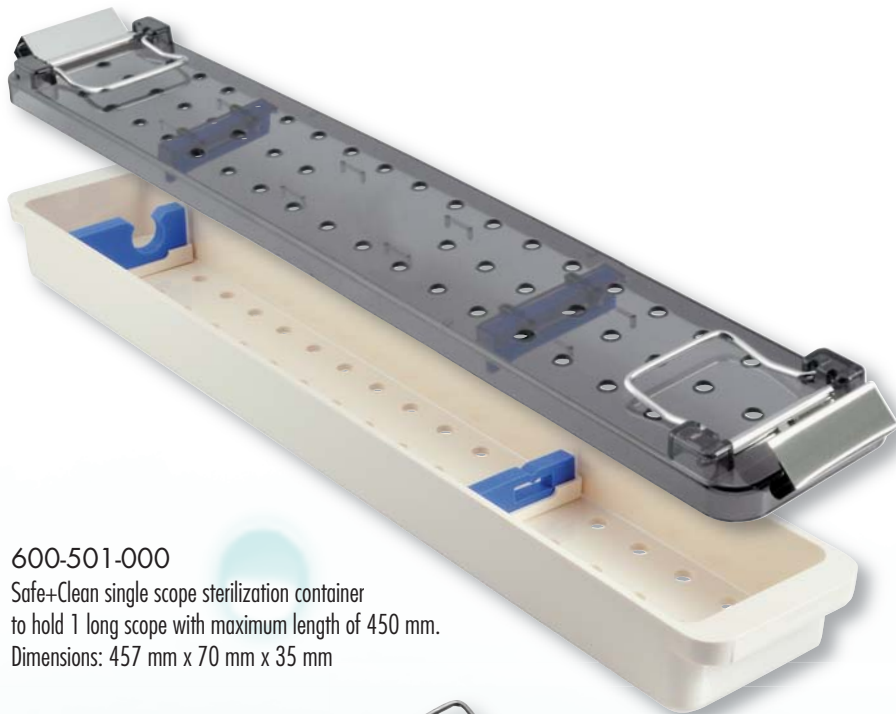
600-506-002

Safe and clean scope sterilization container to hold
2 medium scopes with maximum length of 310 mm.
Dimensions: 394 mm x 70 mm x 35 mm

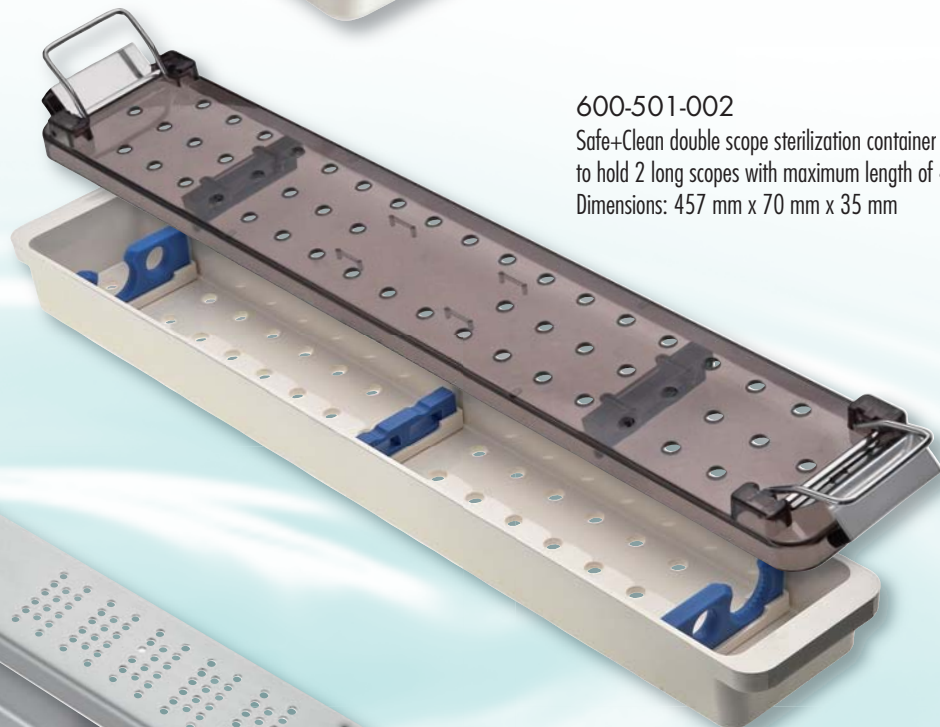


600-506-002

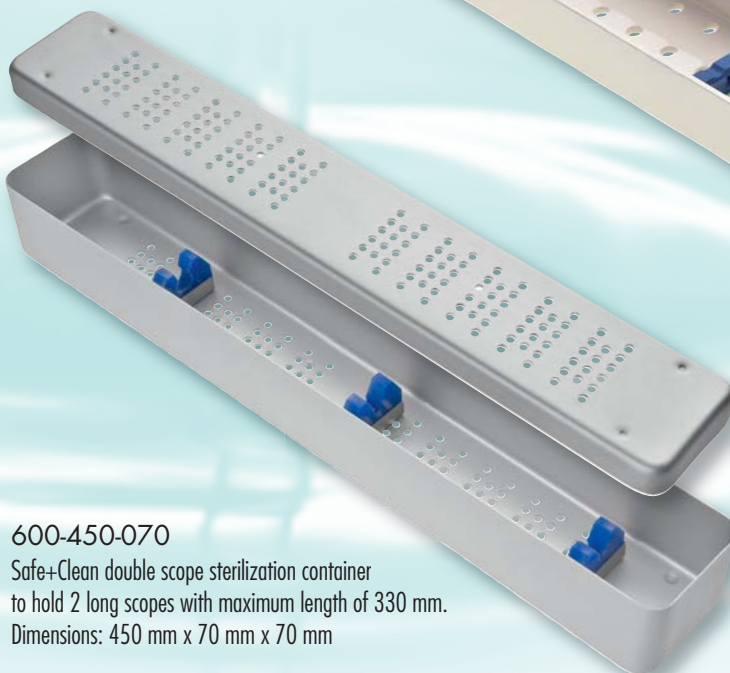
Safe and clean scope sterilization container to hold
2 medium scopes with maximum length of 310 mm.
Dimensions: 394 mm x 70 mm x 35 mm



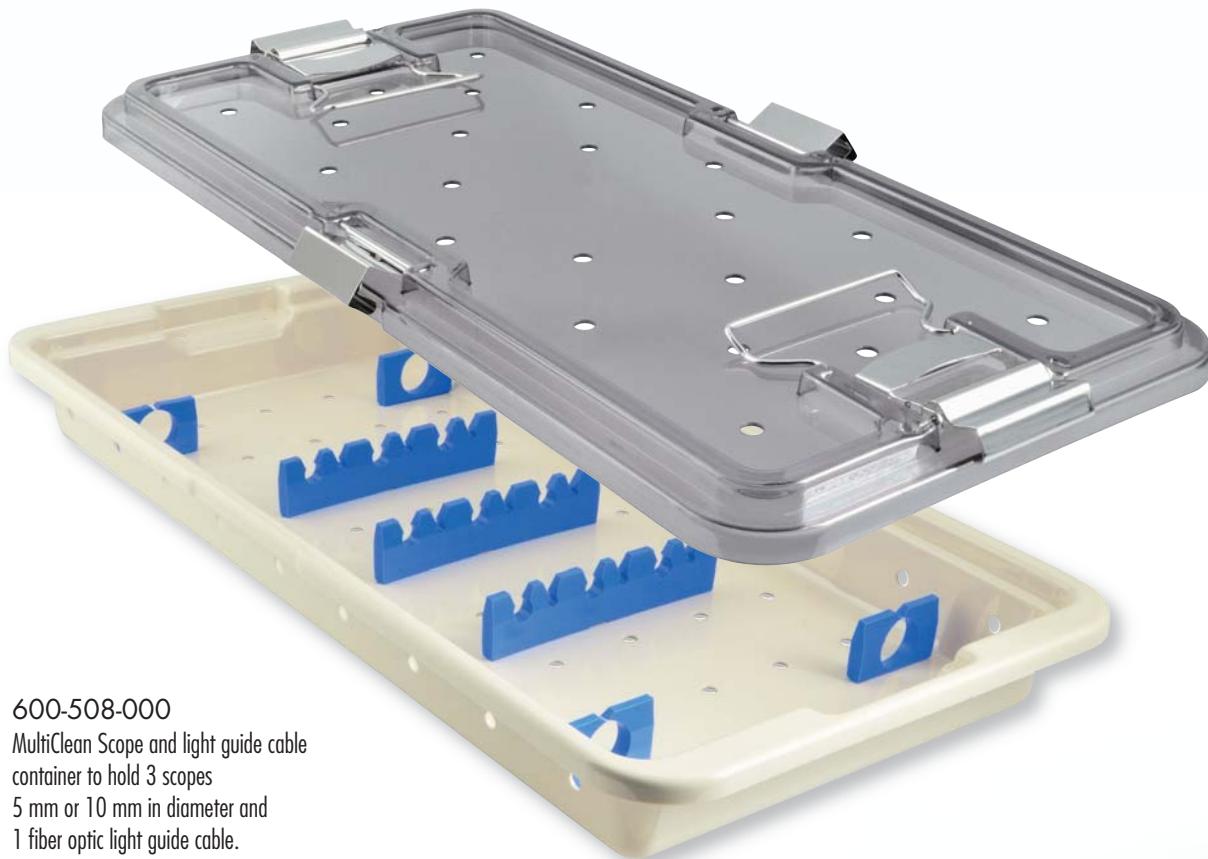
600-501-000
Safe+Clean single scope sterilization container
to hold 1 long scope with maximum length of 450 mm.
Dimensions: 457 mm x 70 mm x 35 mm



600-501-002
Safe+Clean double scope sterilization container
to hold 2 long scopes with maximum length of 450 mm.
Dimensions: 457 mm x 70 mm x 35 mm

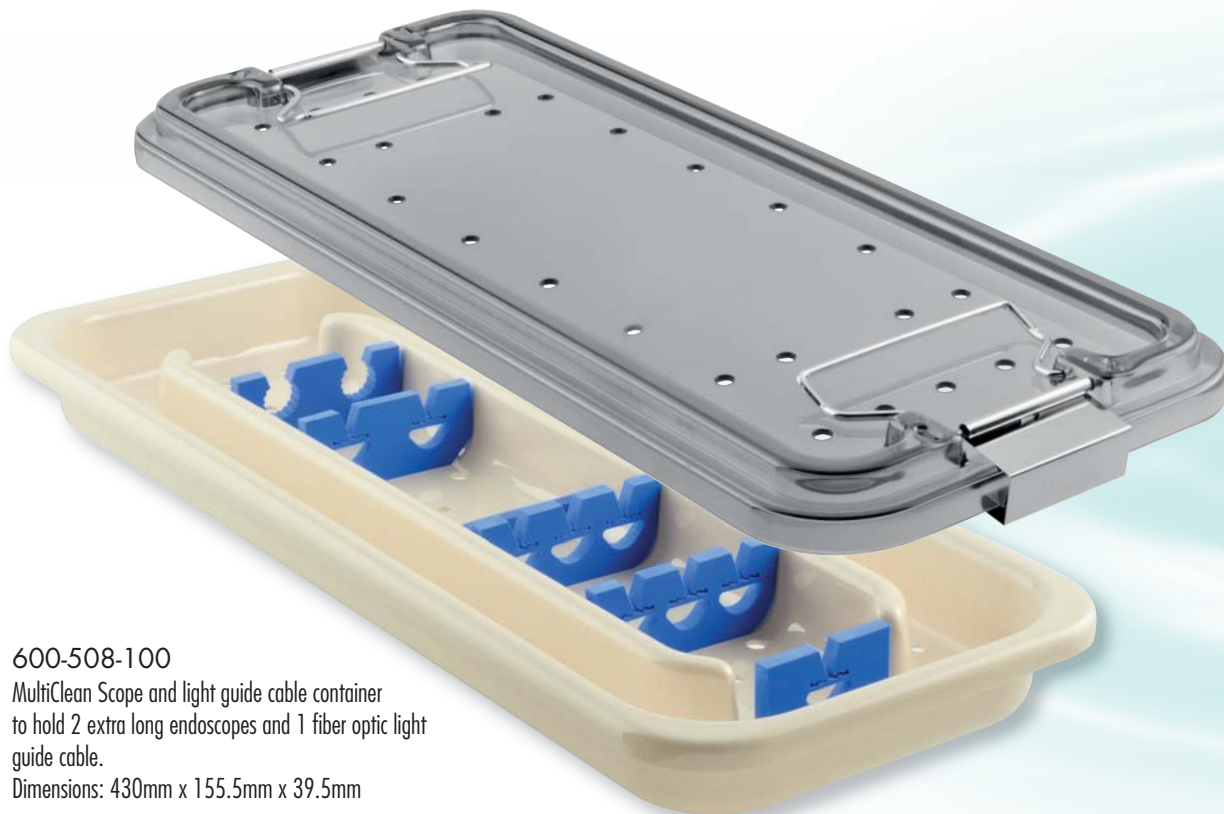


600-450-070
Safe+Clean double scope sterilization container
to hold 2 long scopes with maximum length of 330 mm.
Dimensions: 450 mm x 70 mm x 70 mm



600-508-000

MultiClean Scope and light guide cable
container to hold 3 scopes
5 mm or 10 mm in diameter and
1 fiber optic light guide cable.
Dimensions: 465 mm x 212 mm x 51 mm



600-508-100

MultiClean Scope and light guide cable
container to hold 2 extra long endoscopes and 1 fiber optic light
guide cable.
Dimensions: 430mm x 155.5mm x 39.5mm



600-508-200

Multi Clean Scope and light guide cable container
to hold long telescopes and 1 fiber optic cable.
Dimensions: 635 mm x 155 mm x 39 mm



600-511-000

Universal Plastic Container, suitable for
sterilization of various instruments on 2 levels.
Dimensions: 502mm x 239mm x 102mm



600-140-003 Stainless Steel Box, non perforated
210x100x30mm



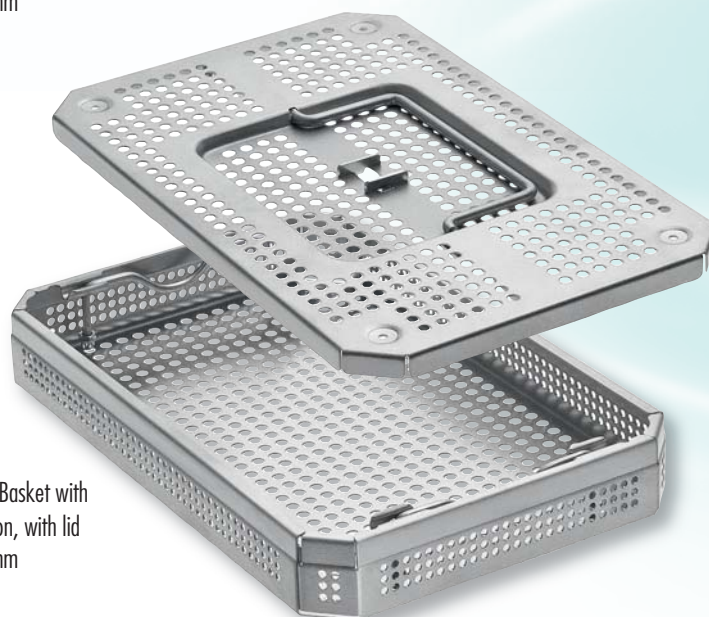
600-140-013 Stainless Steel Box, perforated
210x100x30mm



600-140-004 Stainless Steel Box, non perforated
210x100x50mm



600-140-014 Stainless Steel Box, perforated
210x100x50mm



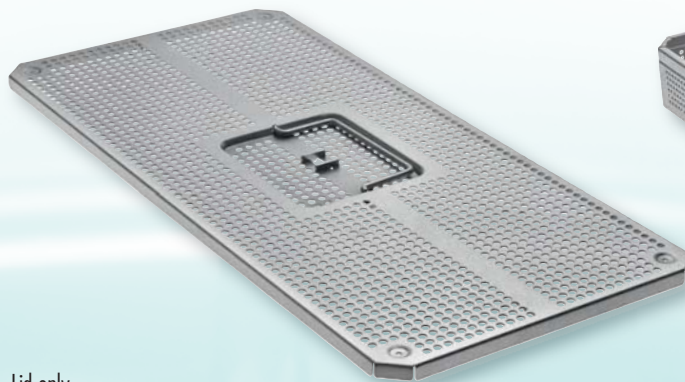
600-265-543 Stainless Steel Basket with
round perforation, with lid
265x175x43mm



Stainless Steel Basket with
round perforation, with lid

545mm length

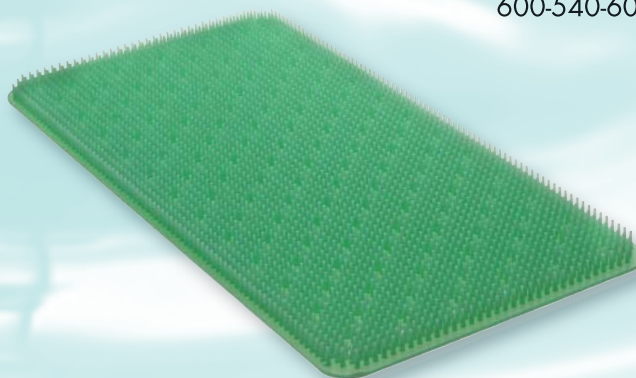
600-540-535	545 x 255 x 35mm
600-540-555	545 x 255 x 55mm
600-540-575	545 x 255 x 75mm
600-540-605	545 x 255 x 105mm



Lid only
600-540-500 545 x 255 mm



Bottom only
600-540-530 545 x 255 x 30mm
600-540-550 545 x 255 x 50mm
600-540-570 545 x 255 x 70mm
600-540-600 545 x 255 x 100mm



600-281-004 Silicone Mat green, 520x230mm



Stainless Steel Basket with
round perforation, with lid

485mm length

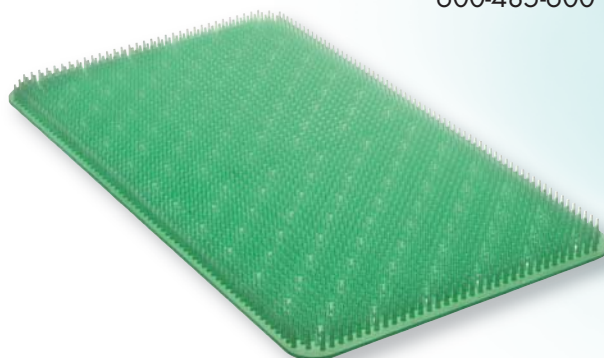
600-485-535	485 x 255 x 35mm
600-485-555	485 x 255 x 55mm
600-485-575	485 x 255 x 75mm
600-485-605	485 x 255 x 105mm



Lid only
600-485-500 485 x 255 mm



Bottom only
600-485-530 485 x 255 x 30mm
600-485-550 485 x 255 x 50mm
600-485-570 485 x 255 x 70mm
600-485-600 485 x 255 x 100mm



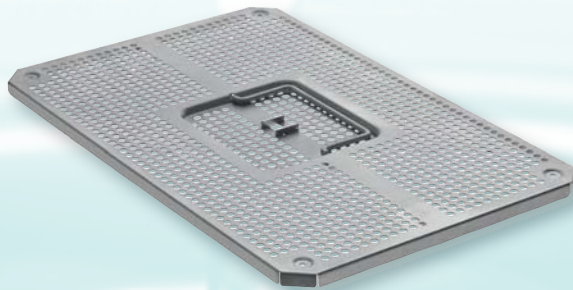
600-281-003 Silicone Mat green, 440x230mm



Stainless Steel Basket with
round perforation, with lid

3/4
405mm length

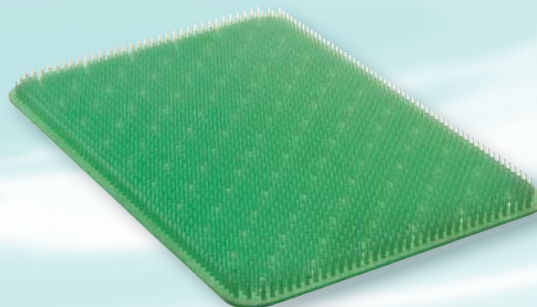
600-405-535	405 x 255 x 35mm
600-405-555	405 x 255 x 55mm
600-405-575	405 x 255 x 75mm
600-405-605	405 x 255 x 105mm



Lid only	
600-405-500	405 x 255 mm



Bottom only	
600-405-530	405 x 255 x 30mm
600-405-550	405 x 255 x 50mm
600-405-570	405 x 255 x 70mm
600-405-600	405 x 255 x 100mm



600-281-002 Silicone Mat green, 380x230mm



300-001-400 Camera Z1

The new Z1 Endoscopic Camera is a universal system suitable for both diagnostics and surgery. The 1CCD technology generates clear pictures with a high resolution and natural colors. A digital Anti Moiré

filter automatically eliminates disturbing distortions when using flexible endoscopes. All features of the camera can be directly controlled and set up on a menu which is shown on the monitor.

Features:

- State-of-the-art Color - CCD-Camera
- True color reproduction
- To be prepared to work under extreme illumination conditions, the control unit of the camera offers further features to improve the image quality (WINDOW- and PEAK-function)
- Lightweight camera head ensures a fatigue-free working

Delivery contains:

- CCU • Camera head • USB cable • Composite cable
- YPbPr/RGB cable • BNC cable • Jack cable
- Mains cable • User manual

Technical Data

Line Voltage	100-240 VAC, 50-60 Hz
Resolution	active pixels: - 752 H x 582 V - 768 H x 494 V
TV resolution	470 lines
Sensitivity	1 lux (1/1.4)
Aspect ratio	4:3
Image Sensor	1/3" CCD
Video Outputs	• 2 x CVBS (1Vpp/75Ω), BNC • 2 x Hosiden (Y/C) • 1 x YPbPr • 1 x SDI

Protection Class	I
Application part	BF
Manufactured and tested according to	IEC 601-1ff, EN 60601-1ff
CE marking according to	MDD 93/42/EEC
Dimensions	Control Unit: 380 x 120 x 360 mm (WxHxD), 11kg Camera Head: 105g



600-100-000
RZ-AquaJet
Water Jet Pistol complete
with 9 tips and 1m pressure
tubing, with strap and
suspension hook



700-900-149
Oil Spray (400ml)



700-900-160
Instrument Oil in 50ml bottle



300-135-905
Cleaning brush for Ø 5mm, 500mm length (1 piece per box)



300-135-910
Cleaning brush for Ø 10mm, 500mm length (1 piece per box)



300-215-000
Cleaning brush, length 215mm, brush length 60mm, brush Ø 13mm



300-420-065
Cleaning brush, length 420mm, brush length 65mm, brush Ø 3mm



700-900-250
Oil Dispenser, 140mm



700-900-220
Special Cotton for polishing
metal sheaths and instruments

[illegible]



EQUIPMENT

EQUIPMENT

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EQUI





253-910-000 Basic Irrigation Pump P1



This unit offers all basic functions for irrigation in urologic surgery. Thanks to hydrostatic pressure regulation, the precise pressure in the treated body part is displayed. State-of-the-art and reliable technology features this versatile Pump.

Features:

- Hydrostatic pressure regulation
- Silicone tubing set included (225-910-001)
- Easy to operate, splash-proofed display
- Highly reliable tube guide and handling
- Skid-proof pedestals

Accessories:

253-910-001	Irrigation tubing set, silicone, autoclavable	non-sterile	included
253-910-002	Irrigation tubing set, PVC, 20 pieces	sterile	optional
253-910-003	Patient tube, PVC, 2,5m, 40 pieces	sterile	optional

Delivery contains:

- Pump device
- Tubing set
- Mains cable
- 2 Spare fuses

Technical data

Line Voltage	100-230 V/AC - Fuse T 3.15 A L 250 V
Frequency	50-60 Hz
Power Input	60 VA
Device Type acc. to DIN EN 60601-1:2005	BF
Classified acc. to EG-Guidelines 93/42/EEC	Ila
Safety Class acc. to DIN EN 60601-1:2005	I
Manufactured and tested according to	DIN EN 60601-1:2005
Radio interference suppression	DIN EN 60601-1-2:2007

Irrigation Power	0 - 1.0 l/min
Pressure Range	10 - 150 mm Hg
Operating Conditions	+10 to +40°C Relative humidity of air: 30 - 70%
Store and Transport Conditions	- 40 to +70°C Relative humidity of air (not condensed): 10 - 90%
Splashproofed	IPX 1
Registration	CE 1253
Measurements	380 x 130 x 400 mm (WxDxH)
Weight	Ca. 11 kg



253-750-100 RZ URO-LITH Electronic Power Unit, 230V



253-750-010 Air compressor, 4 bar maximum



253-750-150 Footswitch with pedals for single- and multiple impulse



253-970-000 Adaptor piece



253-750-200 Hand piece, anodised



253-850-006 Lithoclast Probe 0.6mm diameter, 605mm working length

253-850-008 same, 0.8mm diameter, 605mm working length

253-850-010 same, 1.0mm diameter, 605mm working length

253-850-012 same, 1.2mm diameter, 605mm working length

253-850-016 Lithoclast Probe 1.6mm diameter, 605mm working length

253-850-020 same, 2.0mm diameter, 450mm working length

253-850-025 same, 2.5mm diameter, 450mm working length

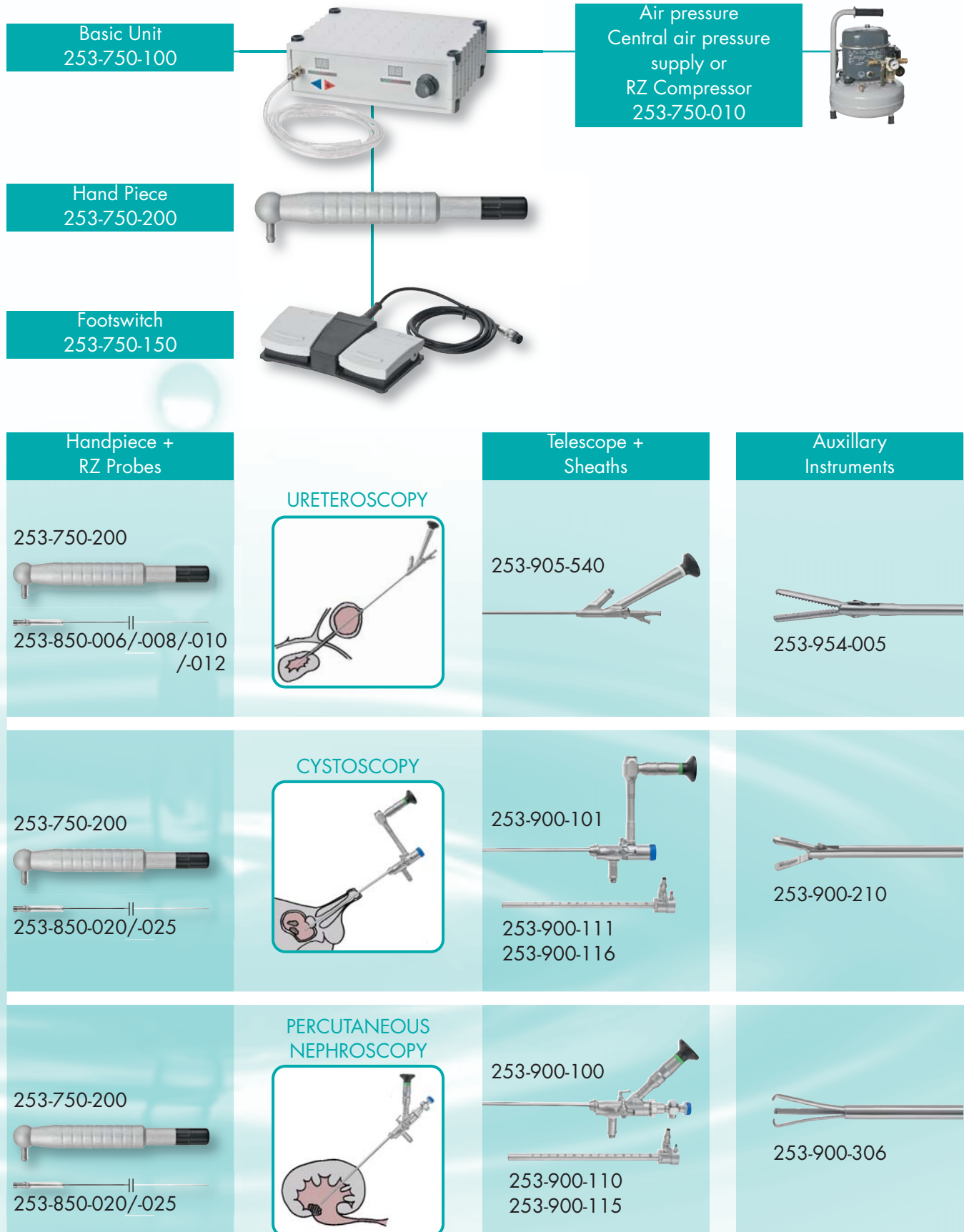
Features

- Energy transmission occurs purely mechanically resulting in high efficient stone fragmentation
- The smallest probe diameter is only 0.6mm, which ensures a larger lumen for efficient irrigation. Auxiliary instruments can also be inserted
- The handling of the RZ URO LITH is very simple and all parts are easy to disassemble for cleaning purposes
- Our system is compatible to other RZ and other instruments for the therapy of ureteric, renal and bladder stones
- The hand piece as well as the intracorporeal probe are non conductive elements which ensure the safety for patients as well as users against current conduct

Technical data

Power Supply	230 VAC 50/60Hz +/- 10%
Switchable to	115 VAC +/- 10%
Power	max. 25 VA
Air pressure	max. 7 bar
Protection Class	BF
Certificate	IEC-601, CE
Dimensions (HxWxD)	12x33x32
Weight	4.9kg

RZ URO LITH Modular System Chart



FULL HD



300-001-800 HD Camera F3 - High End

PURE NATURAL COLORS



F3 - The pride of the RZ Equipment range and flagship in medical camera systems. A Full HD camera system generates crystal clear images of highest resolution with 1920 x 1080 p. The latest MOS technology produces pure natural colors for safe and unequivocal diagnoses. A user-friendly multilingual menu allows a large variety

of setups for individual procedures and surgeons preferences. The ergonomic camera head features 3 remote control buttons which can be programmed by the user as required during surgery. A multitude of digital video outputs allows the best possible picture transmission to the medical grade monitors.

Features:

- 3-Chip Full HD camera with latest MOS technology for brilliant picture quality
- User-friendly multilingual menu allows a large variety of setups for individual procedures and surgeons preferences
- Ergonomic camera head with 3 programmable remote control buttons by the user as required during surgery

- Multitude of digital video outputs for best possible picture transmission to the medical grade monitors
- Full HD • HDMI output
- White balance, boost function • On-screen-menu
- 3 user settings storable • 2.5x digital zoom
- Freeze function • Character generator

Delivery contains:

- Main Unit • Camera head • YPbPr/RGB cable
- BNC cable • HDMI - DVI cable • HDMI cable
- S-Video cable • Jack Cable • Mains cable
- User manual



300-001-802
High-End camera
head included



300-001-615

Title generator keyboard, waterproof IP68
US-Layout, PS/2 Connector, cable 1.8m
Color: grey, 305x140x15mm, 600gr.



300-001-610

Footswitch for HD Cameras,
cable length: 2m

300-001-802

High-End 3-Chip Camera Head
Full HD 1920 x 1080 p



User-friendly, splash-
proofed display



Skid-proof pedestals

Technical Data

Camera head

- Aspect ratio: 16:9
- Image sensor: 3 - Chip
- Immersible (using the attached cap)

System

- Image resolution:
Full HD 1920 x 1080
- TV resolution: > 1000 lines
- Sensivity: < 3 lux (1/1.4)
- White balance automatically,
with data hold
shutter speed: 1/50 (1/60)
to 1/100.000 sec
- Power supply: 100 / 240 V,
50-60 Hz
- Power consumption: 20W
- Fuses: 2 Fine fuses, 5x20 mm,
delay acting 3,15 AT (I=1500A)

Video out terminal

- 2 x HD SDI
- 1 x HDMI / DVI
- 1 x YPbPr (Component)
- 1 x Y/C (Pal / NTSC)
- 1 x CVBS (Pal / NTSC)

Standard

- Protection class: I
- Application part: Type BF
- IEC 601-1, EN 60601-1;
classification acc. 93/42/EEC: I

Dimensions

- Control unit: 380 x 120 x 360 mm
(WxHxD); 11 kg



300-001-600 HD Camera F1

FULL HD

Delivery contains:

- CCU • Camera head with 3m cable
- Mains cable • YPbPr/RGB cable
- BNC cable • HDMI - DVI cable
- HDMI cable • RGB cable
- User manual

Optional available:

- 300-001-615 Title generator keyboard
300-001-610 Footswitch for HD Cameras

The new F1 Camera system fulfills the need of high resolution in Video Endoscopic Surgery. Thanks to Full HD resolution combined with newest technology this camera generates cristal-clear images with highest attention to detail that allows better diagnostics and efficient surgery.

Features:

- 1-Chip Full HD camera of the latest generation, with superior image quality in high definition
- Natural color reproduction
- High-end image quality is provided by fully digital, high-speed image processing, separated for red, green and blue channels
- Significantly higher image quality and virtually all movements are eliminated
- Full HD • HDMI out • White balance, boost function
- On-screen-menu • 3 user settings storable • 2.5x digital zoom
- Freeze function • Character generator

Technical Data

Line Voltage	100-240 VAC
Sensor	1/3" MOS
TV resolution	1920x1080 pixels (Full HD)
Image resolution	>1000 TV lines, horizontal
Index ratio	16:9
Min. sensitivity	<3lx (1/1.4)
Video Outputs	1 x HDMI 1 x YPbPr / RGB 1 x S-Video (Y/C; Pal / NTSC) 1 x Video (CVBS; Pal / NTSC)

Manufactured and tested according to	IEC 601-1, EN 60601-1, MDD 93/42/EEC
CE marking according to	MDD 93/42/EEC
Protection Class	I
Application part	BF
Dimensions	Control Unit: 380 x 120 x 360 mm (WxHxD), 11kg Camera Head: 105g



300-001-410 Camera Z2

The new Z2 Endoscopic Camera is a universal system suitable for both diagnostics and surgery. The 1CCD technology generates clear pictures with a high resolution and natural colors. A digital Anti Moiré filter automatically eliminates disturbing distortions when using flexible endoscopes. Pictures and Movies can be stored easily on a USB stick. The collected informations

can be used for an extensive documentation of the procedure. The lightweight camera head ensures a fatigue-free working. All features of the camera can be directly controlled and set up on a menu which is shown on the monitor. The 3 remote control buttons on the camera head can be programmed by the user as required during surgery.

Features:

- State-of-the-art CCD-Camera, true colour reproduction
- All features of the camera can be directly controlled and set up on a menu
- To be prepared to work under extreme illumination conditions, the control unit offers further features to improve the image quality (WINDOW- and PEAK-function)
- Lightweight camera head ensures fatigue-free working

Delivery contains:

- CCU • Camera head • USB cable • Composite cable
- YPbPr/RGB cable • BNC cable • Jack cable
- 4GB USB Stick • Mains cable • User manual

Technical Data

Line Voltage	100-240 VAC, 50-60 Hz
Resolution	active pixels: - 752 H x 582 V - 768 H x 494 V
TV resolution	470 lines
Sensitivity	1 lux (1/1.4)
Aspect ratio	4:3
Image Sensor	1/3" CCD
Video Outputs	• 2 x CVBS (1Vpp/75Ω), BNC • 2 x Hosiden (Y/C) • 1 x YPbPr • 1 x SDI • 1 x USB

Protection Class	I
Application part	BF
Manufactured and tested according to	IEC 601-1ff, EN 60601-1ff
CE marking according to	MDD 93/42/EEC
Dimensions	Control Unit: 380 x 120 x 360 mm (WxHxD), 11kg Camera Head: 105g



300-001-400 Camera Z1

The new Z1 Endoscopic Camera is a universal system suitable for both diagnostics and surgery. The 1CCD technology generates clear pictures with a high resolution and natural colors. A digital Anti Moiré

filter automatically eliminates disturbing distortions when using flexible endoscopes. All features of the camera can be directly controlled and set up on a menu which is shown on the monitor.

Features:

- State-of-the-art Color - CCD-Camera
- True color reproduction
- To be prepared to work under extreme illumination conditions, the control unit of the camera offers further features to improve the image quality (WINDOW- and PEAK-function)
- Lightweight camera head ensures a fatigue-free working

Delivery contains:

- CCU • Camera head • USB cable • Composite cable
- YPbPr/RGB cable • BNC cable • Jack cable
- Mains cable • User manual

Technical Data

Line Voltage	100-240 VAC, 50-60 Hz
Resolution	active pixels: - 752 H x 582 V - 768 H x 494 V
TV resolution	470 lines
Sensitivity	1 lux (1/1.4)
Aspect ratio	4:3
Image Sensor	1/3" CCD
Video Outputs	• 2 x CVBS (1Vpp/75Ω), BNC • 2 x Hosiden (Y/C) • 1 x YPbPr • 1 x SDI

Protection Class	I
Application part	BF
Manufactured and tested according to	IEC 601-1ff, EN 60601-1ff
CE marking according to	MDD 93/42/EEC
Dimensions	Control Unit: 380 x 120 x 360 mm (WxHxD), 11kg Camera Head: 105g

FULL COMPLEMENT OF HEAD CONFIGURATIONS



300-001-813 f=14mm
300-001-814 f=25mm
300-001-815 f=28mm
c-mount, soakable, Full HD



250-018-050
Zoom parfocal
Stays in focus while adjusting
zoom magnification
f=18-50 mm, c-mount, soakable
Full HD



250-015-036
Zoom-TV-Adapter
f=15 - 36mm
c-mount, soakable
Full HD



250-020-025 F=25mm (splitting 90/10)
250-020-030 F=30mm (splitting 90/10)
Beamsplitter, allows simultaneous video and
direct views, c-mount, soakable, Full HD



250-022-025 F=25mm
250-022-030 F=30mm
Angled 90°, with swivel and fixation,
c-mount, soakable, Full HD

FULL HD

DAViD instinctive diagnostic & record central data software

Software system for the collecting and archiving of video findings in the medical field based on state-of-the-art PC technology Windows VISTA / XP, DirectX, DV digital Video – device independent

Multilingual

English, French, German, Italian, Russian, Spanish

Intuitive

dialog-oriented user interface for smooth integration into everyday practice

Ready for network

one point data storage and simultaneously video recordings

Integrated license module

after a demo period of 30 days the software needs to be activated via an activation key

300-001-190

Software, full Version

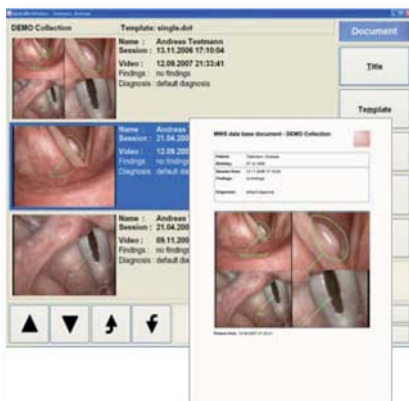
300-001-192

Software, without recording possibilities



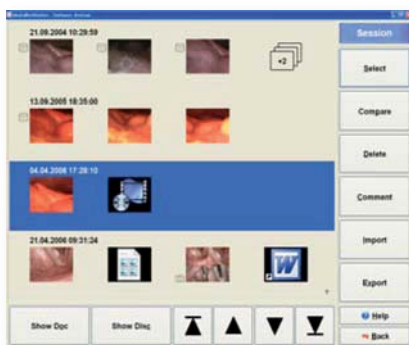
Diagnostics & Results

- high video and freeze image quality / natural reproduction of motion sequences
- Multiple-split display during recording and playing
- automatic optimization of stroboscopic recordings
- recording controllable by foot or camera switch
- simple-to-use video cut function
- integrated database of findings and diagnoses allows quick workflow
- integrated On-Screen-Keyboard for touch screen displays



Recordings & Documentation

- graphics marks for emphasizing of findings
- MPEG2 video export with optional overlay of patient data and session comments
- integrated CD/DVD recording
- image export in the DICOM format
- Compare-function for videos and pictures
- automatic creation of diagnostic letters in MS Word format with freely definable document templates
- textual export of patient and diagnostic data for passing on and statistical evaluations



Management

- patient data is stored in structured database
- automatic assignment of videos, findings, diagnoses and comments to patients and data sets
- search and edit functions
- drag'n'drop import of pictures and documents
- native support for MediCapture USB sticks
- data exchange with other systems via remote interface
- user management for controlling access and edit rights

LED



300-900-300 LUMEN LED 3

PHASER® TECHNOLOGY

Latest PHASER® Technology for unsurpassed medical lighting. Excellent light sources are characterized by high color rendering, high luminance and a very low ultraviolet and infrared radiation. With the LUMEN LED 3 light source RZ Medizintechnik offers the latest

technology in medical lighting, Made in Germany. Whether the light source is used with modern head lights or in endoscopic surgeries, the new PHASER® technology always generates enough light for meaningful pictures.

Features:

- More than 10.000h lamp lifetime
- Latest PHASER® – Technology
- Waterproof touch control panel
- High color rendering
- High luminance
- Daylight color temperature
- Low noise level
- No UV or IR light
- Low power consumption

Delivery contains:

- Main Unit • BNC cable • Mains cable
- User manual



Automatic light control



Controlable daylight quality

Technical Data

Mains voltage	100-240 VAC, 50-60 Hz	Relative humidity	
Power consumption	300W	Storage:	10% to 90%
Mains fuses	2 Fine fuses, 5x20mm, delay acting 6,3 AT, with high breaking capacity (Ia = 1500 A)	Operation:	30% to 75%
LED Lifetime	> 10.000h	Atmospheric pressure	
Color temperature	6000 – 6500° K	Storage:	600 mbar to 1300 mbar
Connections	Light guide STORZ	Operation:	700 mbar to 1060 mbar
Video-IN terminal	1 x VHS (BNC)	Classification / Conformity	1 / BF
Service	1 x RJ45	Test according to	IEC 601-1ff, EN 60601-1ff
Storage temperature	- 20°C to +60°C	CE marking according to	MDD 93/42/EEC
Operation temperature	+10°C to +40°C	Dimensions	380 x 125 x 360 mm (WxHxD)
		Weight	approx. 12.5 kg



300-900-180 LUMEN LED 1

Benefit of the newest LED technology - this Light Source offers increased luminous efficiency by lowest heat conduction and operating costs. The daylight quality LED Lamp lifetime is more than 20.000 hours to provide enhanced working.

Features:

- More than 20.000h lamp lifetime
- Manual or automatic light control
- Waterproof touch control panel
- Low heat conduction by improved LED technology
- Daylight color temperature 6000 – 6500° K for accurate color representation

Delivery contains:

- Light source
- Mains cable
- BNC cable
- User manual



Automatic or manual light intensity control



Digital light intensity display

Technical Data

Lamp	100W LED (approx. 1300 lm) Daylight quality, 6000-6500 K Lifetime: more than 20.000 hr	Video In (opt.)	1x Video, 1x S-Video (Y/C) (automatic Version only)
Light guide connection	RZ/Storz adapter	Standard	Protection class: I Application part: Type BF IEC 601-1, EN 60601-1; classification acc. 93/42/EEC: I
System	Power supply: 100/240 VAC, 50-60 Hz Fuses: 2 Fine fuses, 5x20mm, delay 6,3 AT (I=1500A) Power consumption: 100W	Dimensions	380 x 120 x 360 mm (WxHxD); 11 kg



300-001-308 LUMEN X7	300-001-305 LUMEN X5	300-001-200 LUMEN X2
2 turret adapters (revolvable) • RZ, Storz • Wolf • Olympus • ACMI	1 turret adapter (revolvable) • RZ, Storz • Wolf • Olympus • ACMI	1 turret adapter (revolvable) • RZ, Storz • Wolf • Olympus • ACMI
300 Watt Xenon arc lamp 150 Watt Halogen spare lamp	300 Watt Xenon arc lamp –	180 Watt Xenon arc lamp –
Power Consumption: 370 Watt	Power Consumption: 370 Watt	Power Consumption: 250 Watt

These new high-performance Xenon daylight sources provide excellent illumination and a long lamp lifetime for at least 500 hours. After activating the automatic function and with plugged BNC-Cable, the device

automatically controls the intensity to guarantee the optimal image for the surgeon. The turret adapter enables an universal connection of the most common light guides.

Features:

- Automatic light intensity control • Pure daylight quality • Easy lamp replacement • > 500hr lamp lifetime
- Mechanical diaphragm to adjust the output intensity without any influence on the color temperature

Delivery Contains:

- Light Source • BNC Cable • Mains Cable • User Manual



Automatic and manual
light control



Lamp lifetime indicator



300-001-181 XENON Spare Lamp 180 Watt
300-001-301 XENON Spare Lamp 300 Watt

Technical Data

System	Power supply: 100-240 V AC, 50-60 Hz	Application part	Type BF
Fuses	2 Fine fuses, 5x20 mm, delay 6,3 AT (I=1500A)	Classification	IEC 601-1, EN 60601-1
Video In	1 x VBS (1Vpp/75), BNC only)	CE marking according to	MDD 93/42/EWG
Protection class	I	Dimensions	380 x 120 x 360 mm (WxHxD)
		Weight	approx. 11kg



300-001-300 LUMEN X3	300-001-180 LUMEN X1
300 Watt Xenon arc lamp	180 Watt Xenon arc lamp
Power Consumption: 370 Watt	Power Consumption: 250 Watt

Pure daylight quality together with low noise and heat conduction - this Xenon Light Sources offers all functions needed to illuminate the field of view.
The lamp can be replaced simply.

Features:

- Manual light intensity control • Pure daylight quality • Easy lamp replacement • > 500hr lamp lifetime
- Lap fixed in a reflector - calibration is not necessary • Mechanical diaphragm to adjust the output intensity without any influence on the color temperature • RZ/Storz light guide

Delivery Contains:

- Light Source • BNC Cable • Mains Cable • User Manual



Manual light intensity control



Lamp lifetime indicator



300-001-181 XENON Spare Lamp 180 Watt
300-001-301 XENON Spare Lamp 300 Watt

Technical Data

System	Power supply: 100-240 V AC, 50-60 Hz	Application part	Type BF
Fuses	2 Fine fuses, 5x20 mm, delay 6,3 AT (I=1500A)	Classification	IEC 601-1, EN 60601-1
Video In	1 x VBS (1Vpp/75), BNC only)	CE marking according to	MDD 93/42/EWG
Protection class	I	Dimensions	380 x 120 x 360 mm (WxHxD)
		Weight	approx. 11kg

High Temperature XENON Light Cables

The advanced High Temperature Xenon Light cables feature a built-in glass rod on the light source side to protect the fibers from melting when the cables are used with high-power Xenon light sources.

All 3.5mm and 4.8mm light cables feature a robust silicone hose to protect the light cables against damages like cuts or crushes.

A bending protection on the connectors is a basic feature of every RZ High Temperature Xenon Light cable.



Adaptor pieces for fibre light guide to use with **light source**

XENON light guide, without adaptor pieces

250-035-180	Ø 3.5 mm, 1800 mm
250-035-230	Ø 3.5 mm, 2300 mm
250-035-300	Ø 3.5 mm, 3000 mm
250-048-180	Ø 4.8 mm, 1800 mm
250-048-230	Ø 4.8 mm, 2300 mm
250-048-300	Ø 4.8 mm, 3000 mm



3.5 mm and 4.8 mm
fiber optic



250-039-000 RZ/Storz



250-037-000 Wolf



250-038-000 ACMI/British Standard
CUDA



250-044-000 Olympus



250-048-000 Luxtec



250-045-000 Olympus - Standard



250-051-000 Stryker



250-052-000 Heine



250-059-000 Pentax



250-042-000 RZ/Storz/Olympus



250-040-000 Wolf



250-041-000 ACMI/British Standard

Adaptor pieces for fibre light guide to use with **endoscope**





The **RZ iLumen Endovue** offers a high definition interface (HDTV) featuring high brightness, high resolution, exceptional contrast, and true color reproduction with unsurpassed visual quality. The RZ iLumen delivers the key advantages of the series from RZ in environments where only video-based images are required. Multiple sizes and high flexibility make it ideal for a wide variety of surgical and other applications.

High Definition Imaging, Superior Clarity, Consistency, Quality, Fastest Response time (10-16ms), Widest Viewing Angle, Widest colour Gamut, Programmable User and Modality Preferences, Re-Drive Capability Enables Image Viewing on Multiple Displays, Video-Switching with Serial Port Interface, Save low Voltage 24 VDC Remote Power, Compact and lightweight.

Model / Type	300-001-145	300-001-149	300-001-146
Size	15" / 20.0x9 inches	19" / 14.8x11.9 inches	24" / 20.4x12.8 inches
Resolution	1024x768 (XGA)	1280x1024 (SXGA)	1920x1200 (WUXGA)
Signal Input	SVideo, Composite, RGBS, DVI		
Viewing angle	178°		
LCD Panel	TFT Active Matrix		



The **RZ HD iLumen RADIANCE** surgical flat panel display is the worldwide LCD monitor of choice for surgeons and operating terms. Its superior HDTV capabilities including HD – SDI and YPbPr – and sophisticated signal processing produce sharp, accurate, true and very bright images. The RZ iLumen is the only medical-grade flat panel for simultaneous use as a Radiology, Fluoroscopy, Physiology, and/or minimally Invasive Surgery display.

Full HD and Digital Capable, Full Range of Analog Surgical Inputs, DICOM Response DVI Input for PACS, Fingertip/Footswitch Instant Remote Switching between sources, High Resolution, High Bright LCD with Wide Viewing Angle, Fully Compliant Medical Grade, FDA, UL and CE Approved, Re- Drive Capability Enables Image Viewing on Multiple Display, Traditional 4:3 Aspect Ratio, Surgeon- Specific User Selectable Settings.

Model / Type	300-010-219	300-010-224	300-010-226	300-001-232
Size	19" / 14.8x11.9 inches	24" / 20.4x12.8 inches	26" / 22.7 x 12.7 inches	32" / 27.5x15.4 inches
Resolution	1280x1024 (SXGA)	1920x1200 (WUXGA)	1920x1080 (FULL HD)	1920x1080 (FULL HD)
Signal Input	SDI, HD-SDI, RGBS, YPbPr, SVideo, Composite, DVI, VGA			
Viewing angle	178°			
LCD Panel	TFT Active Matrix with IPS			



The 21" iLumen Endovue SE delivers the image performance of a high-end surgical display at a fraction of the cost. Targeted for cost-sensitive emerging markets this monitor is a great value. It features an LED backlight and supports both digital and analog high-definition video inputs. The 21" iLumen Endovue SE is an affordable alternative to a full-featured surgical display.

It accommodates high-definition signals from a variety of medical imaging sources, including endoscopes, ultrasound, PACS, and vital signs. It also features a fanless cooling design to minimize the risk of spreading airborne contaminants within the sterile field.

ONLY AVAILABLE OUTSIDE EU + NORTH AMERICA

Model / Type	300-001-148
Size	21,5" / 18.8 x 10.6 inches
Resolution	1920 x 1080 (Full HD)
Signal Input	DVI, RGBS, YPbPr, VGA, S-Video, Composite
Viewing angle	178°
LCD Panel	TFT Active Matrix with IPS, LED-Backlight



The innovative surgical Monitors of Sony deliver advanced image processing technology and enable physicians to see still and moving images with accurate, HD clarity and precision.

Model / Type	300-001-025	300-001-021	300-001-023	300-001-026
Size	19" / 14.8x11.9 inches	21" / 18.8x10.7 inches	24" / 20.4x12.8 inches	24" / 20.4x12.8 inches
Resolution	1280 x 1024 (SXGA)	1920x1080 (FULL HD)	1920x1200 (WUXGA)	1920x1080 (FULL HD)
Signal Input	Composite, Y/C, RGB (BNC), HDMI, Audio Jack	Composite, Y/C, RGB (BNC), HDMI, Audio Jack	Composite, Y/C, RGB (BNC), DVI-D, VGA	Composite, Y/C, RGB (BNC), DVI-D, VGA
Viewing angle	170°			
LCD Panel	a-Si Active Matrix TFT	a-Si Active Matrix TFT	a-Si Active Matrix TFT LED	Medical OLED

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LAPAROSCOPIC UROLOGY

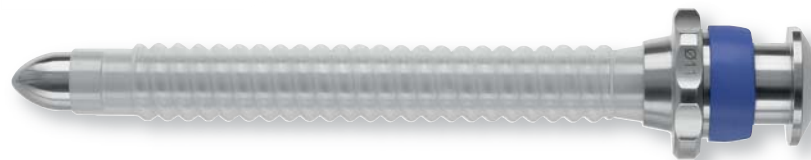
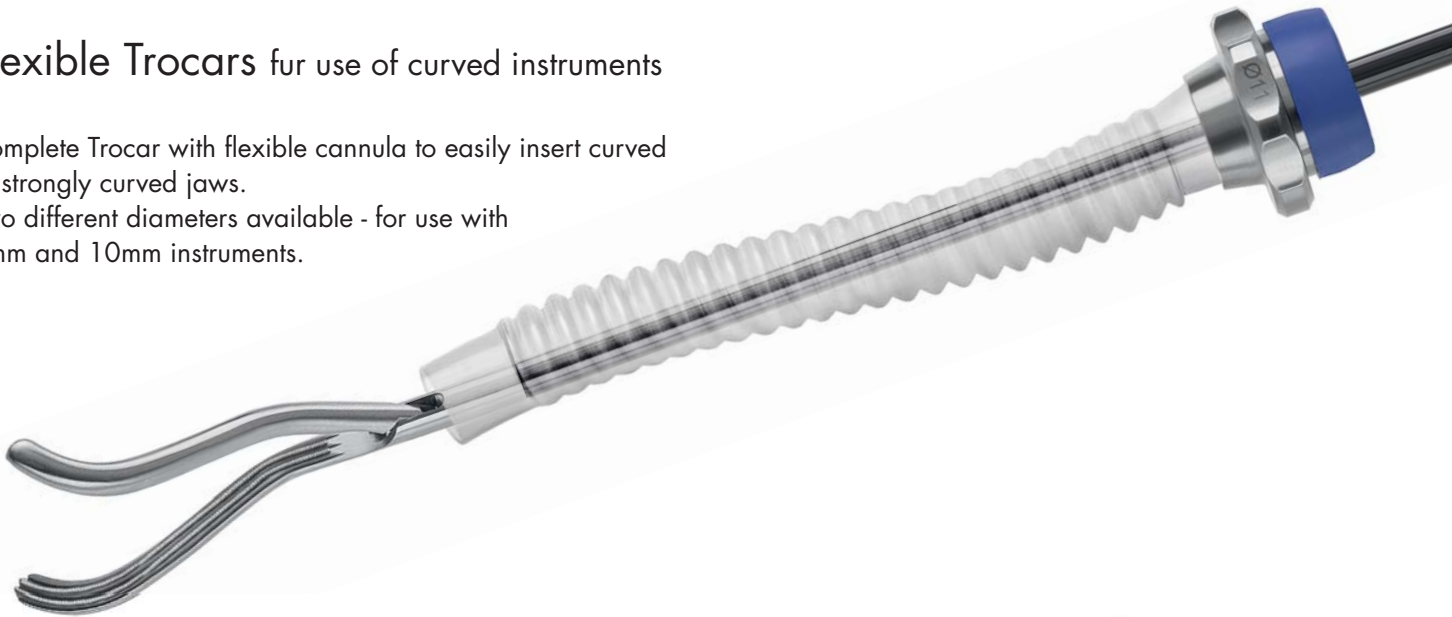
LAPAROSCOPIC
UROLOGY

K
LAPU

Flexible Trocars for use of curved instruments

Complete Trocar with flexible cannula to easily insert curved or strongly curved jaws.

Two different diameters available - for use with 5mm and 10mm instruments.



300-020-211
Trocar System, flexible, complete, Ø 11mm, 100mm

300-020-711
Trocar System, flexible, complete, Ø 11mm, 70mm



300-021-111
THORACIC Trocar Sheath Ø 11mm, 100mm

300-021-711
THORACIC Trocar Sheath Ø 11mm, 70mm



300-020-255
Trocar System, flexible, complete, Ø 5.5mm, 100mm

300-020-755
Trocar System, flexible, complete, Ø 5.5mm, 70mm

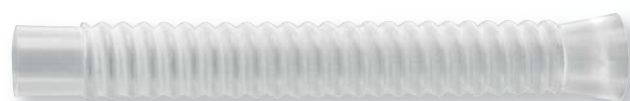


300-021-155
THORACIC Trocar Sheath Ø 5.5mm, 100mm

300-021-755
THORACIC Trocar Sheath Ø 5.5mm, 70mm



Obturator for flexible Trocar System
300-023-111 Ø 11.0mm, 100mm
300-023-711 Ø 11.0mm, 70mm
300-023-255 Ø 5.5mm, 100mm
300-023-755 Ø 5.5mm, 70mm



SILIPort Plastic Trocar Sleeve, flexible, Package of 5 pieces
300-024-111 Ø 11.0mm, 100mm
300-024-711 Ø 11.0mm, 70mm
300-024-155 Ø 5.5mm, 100mm
300-024-755 Ø 5.5mm, 70mm



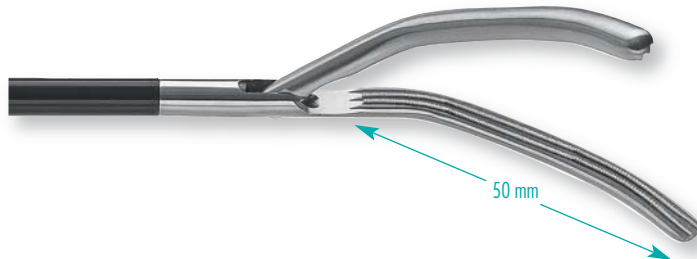
300-021-611
GASKET for Thoracic Trocar System
Ø 11mm, blue
(Package of 10 pcs.)



300-021-655
GASKET for Thoracic Trocar System
Ø 5.5mm, red
(Package of 10 pcs.)

VASCULAR CLAMPS for perfect temporary atraumatic occlusion

JAW INSERT



300-400-200
SATINSKY
Atraumatic Clamp, 50mm

300-400-202
SATINSKY
Atraumatic Clamp, 40mm



300-400-245
DeBAKEY
Atraumatic Clamp,
40mm double action jaws,
straight



300-400-206
CRAFOORD
Atraumatic Clamp, 50mm

300-400-204
CRAFOORD
Atraumatic Clamp, 35mm

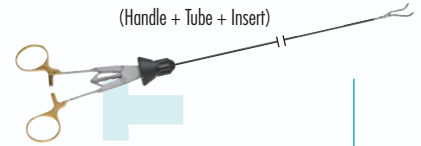


300-400-220
DeBAKEY
Pulmonary Atraumatic
Clamp, curved-shape



300-400-221
DeBAKEY
Pulmonary Atraumatic
Clamp, s-shaped

COMPLETE INSTRUMENT (Handle + Tube + Insert)



300-490-200

300-490-202

300-490-245

300-490-206

300-490-204

300-490-220

300-490-221

INSULATED OUTER TUBE

300-660-005
Ø 5mm, 330mm

300-660-005
Ø 5mm, 330mm

300-660-005
Ø 5mm, 330mm

300-660-005
Ø 5mm, 330mm

300-660-005
Ø 5mm, 330mm

STANDARD HANDLES

300-750-015
(non-rotating)

300-750-015
(non-rotating)

300-750-015
(non-rotating)

300-750-015
(non-rotating)

300-750-015
(non-rotating)

HANDLE OPTIONS



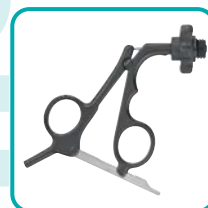
300-750-101



300-750-103



300-750-105



300-750-016

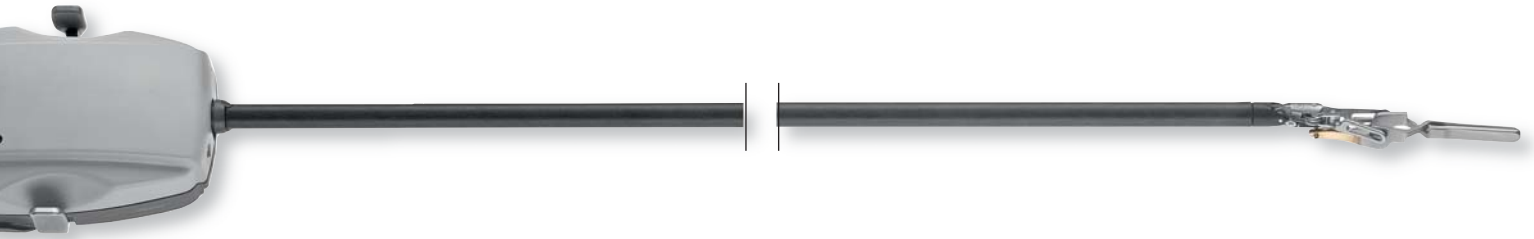


300-750-021



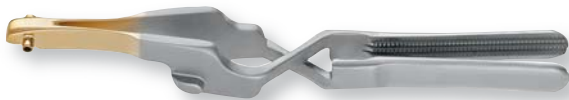
300-750-115
(rotating)

Klein™ **ROBOTIC** Bulldog Clamp



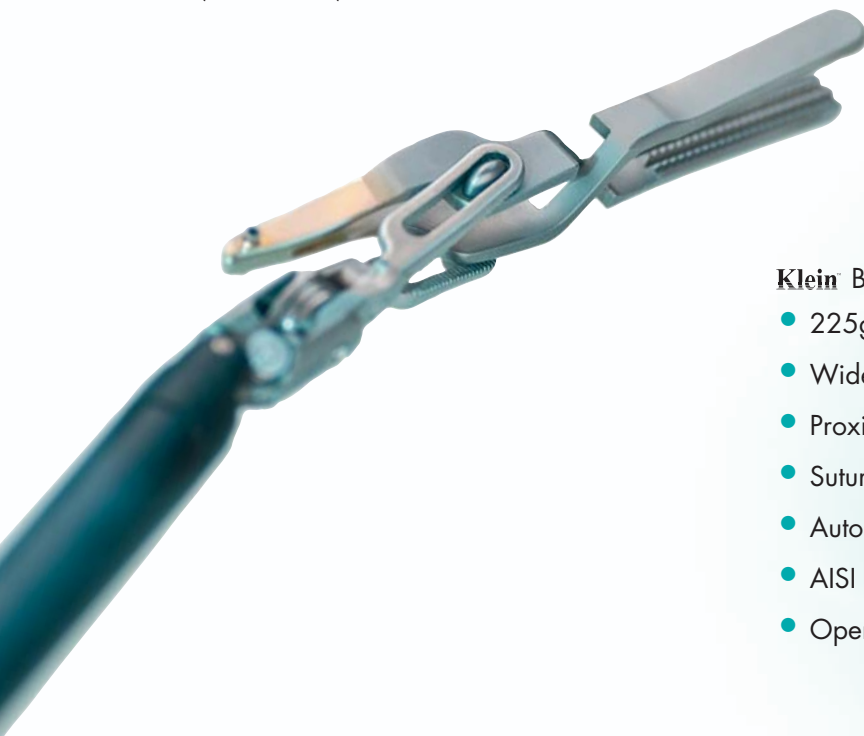
This Robotic Bulldog Clamp has been specifically designed with the patient in mind. With its wide 2x3 DeBakey Jaws, the clamp properly distributes the pressure along the vessel to allow for an atraumatic occlusion. The open design of the clamp allows for easy cleaning and sterilization along with a consistent

closing force, and the proximal post and suture port make retrieving the clamp effortless. Manufactured with AISI 420 Steel, RZ Medizintechnik GmbH ensures an extremely high quality and durable Bulldog Clamp.



300-100-799

Robotic Bulldog Clamp, bayonet shape,
30mm teeth, with suture hole, blunt teeth



Klein Bulldog Clamp Features

- 225g safe closing pressure
- Wide 2x3 DeBakey jaws
- Proximal and distal post
- Suture port
- Automatic alignment with ProGrasp® and Microfrance
- AISI 420 Steel
- Open design



2x3 rows of teeth



300-100-773 17mm jaws

300-100-774 25mm jaws

Endoscopic **Klein** bulldog clamp, straight, with atraumatic DeBailey serrations



300-100-776 17mm jaws

300-100-777 25mm jaws

Endoscopic **Klein** bulldog clamp, curved, with atraumatic DeBailey serrations



300-100-771 45mm jaws

300-100-772 60mm jaws

Endoscopic **Klein** bulldog clamp, straight, with atraumatic DeBailey serrations



300-100-778 45mm jaws

300-100-779 60mm jaws

Endoscopic **Klein** bulldog clamp, curved, with atraumatic DeBailey serrations

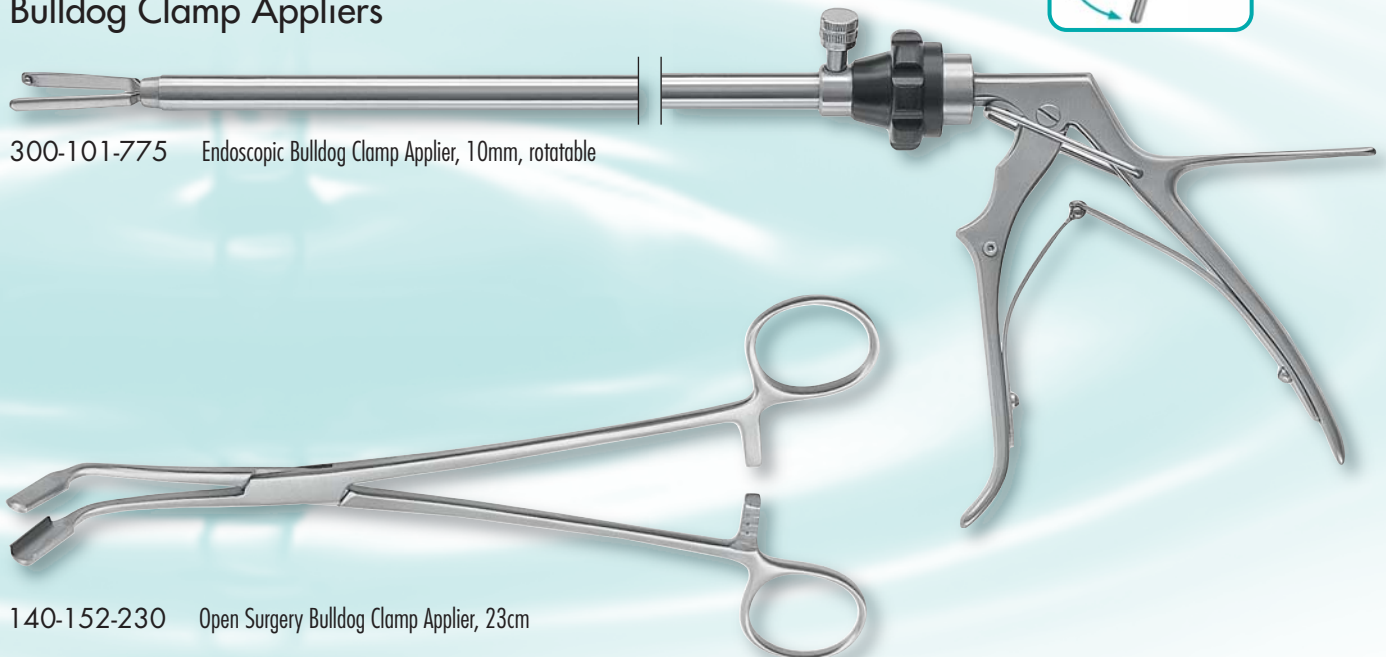


300-100-789 60mm jaws

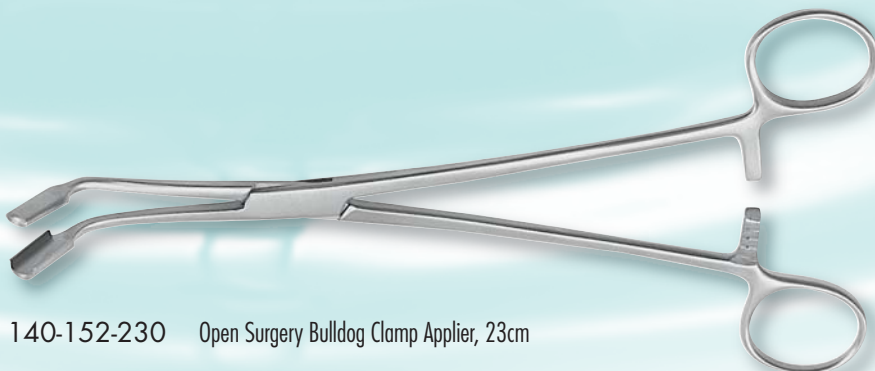
Endoscopic **Klein** Satinsky Bulldog Clamp, curved, with atraumatic DeBailey serrations



Bulldog Clamp Appliers



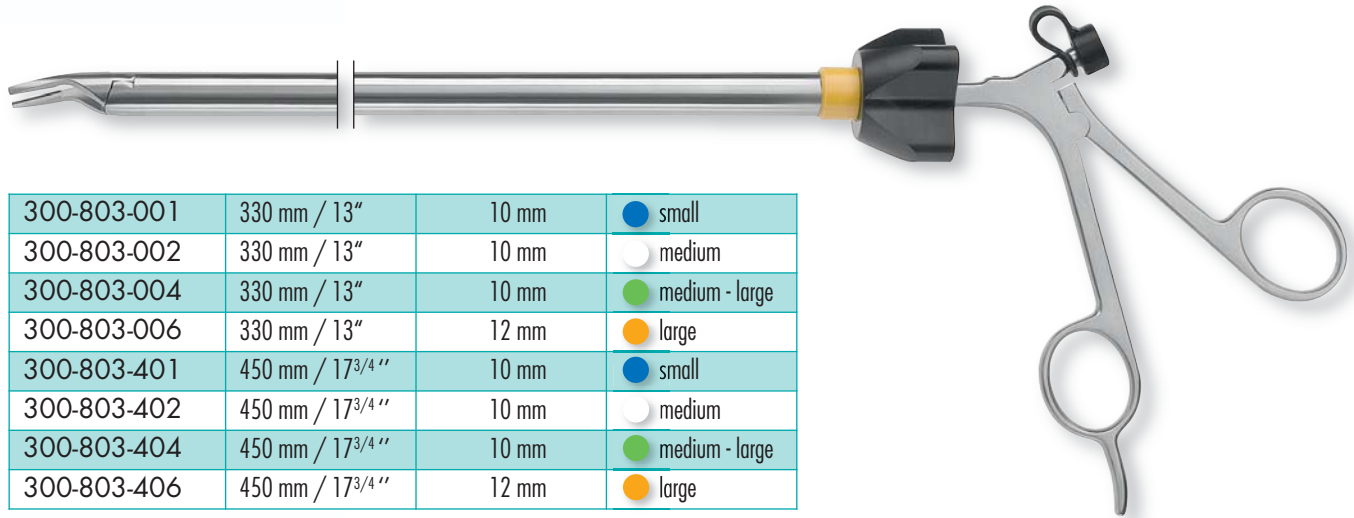
300-101-775 Endoscopic Bulldog Clamp Applier, 10mm, rotatable



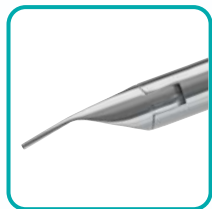
140-152-230 Open Surgery Bulldog Clamp Applier, 23cm

ADVANCED ENDOSCOPIC RZ CLIP APPLYING FORCEPS

for laparoscopic and XXL Bariatric laparoscopic procedures



300-803-001	330 mm / 13"	10 mm	● small
300-803-002	330 mm / 13"	10 mm	● medium
300-803-004	330 mm / 13"	10 mm	● medium - large
300-803-006	330 mm / 13"	12 mm	● large
300-803-401	450 mm / 17 ³ / ₄ "	10 mm	● small
300-803-402	450 mm / 17 ³ / ₄ "	10 mm	● medium
300-803-404	450 mm / 17 ³ / ₄ "	10 mm	● medium - large
300-803-406	450 mm / 17 ³ / ₄ "	12 mm	● large



Narrow jaws design



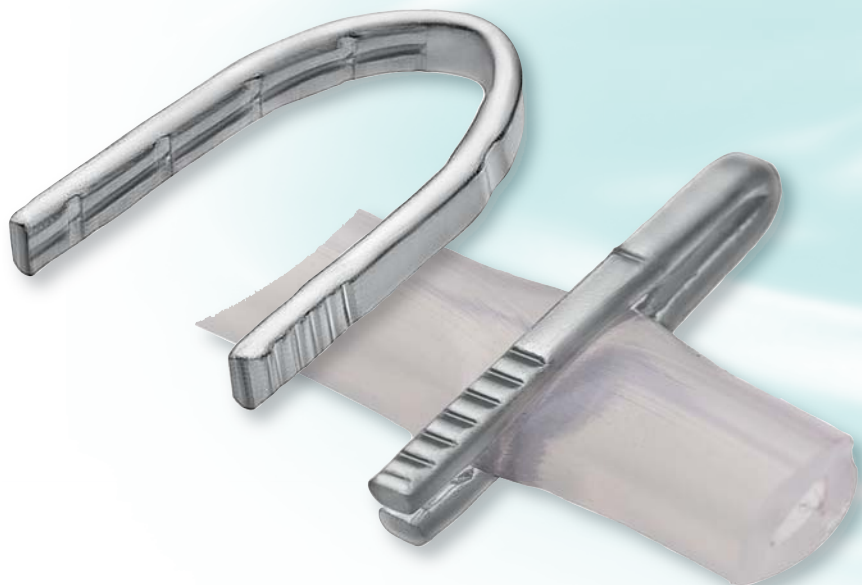
Jaws for small clips



Jaws for medium,
medium-large and
large clips

Features of the RZ Clip Applier:

- Coloured ring indicates clip size to be used.
- Exact clip positioning in the centre of jaws, for equal pressure applied on the clips.
- 1-hand clip loading by use of narrow jaws.
- Thorough cleaning of the inner shaft via a rinsing adaptor in the rear of the handle.
- Light weight design for less strain during surgery.



ENDOSCOPIC RZ CLIPS



| 300-880-100 Titanium Ligating Clip, Small size (S), package with 50 cartridges each 6 clips, blue colour code



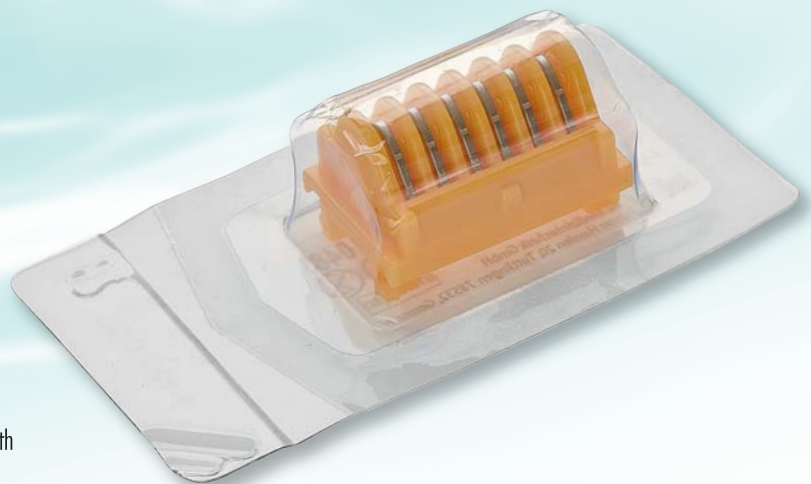
| 300-880-200 Titanium Ligating Clip, Medium size (M), package with 50 cartridges each 6 clips, white colour code



| 300-880-300 Titanium Ligating Clip, Medium-Large size (ML), package with 20 cartridges each 6 clips, green colour code



| 300-880-400 Titanium Ligating Clip, Large size (L), package with 20 cartridges each 6 clips, yellow colour code





Monopolar Coagulation Electrode with ceramic tip, 330mm

Advantages

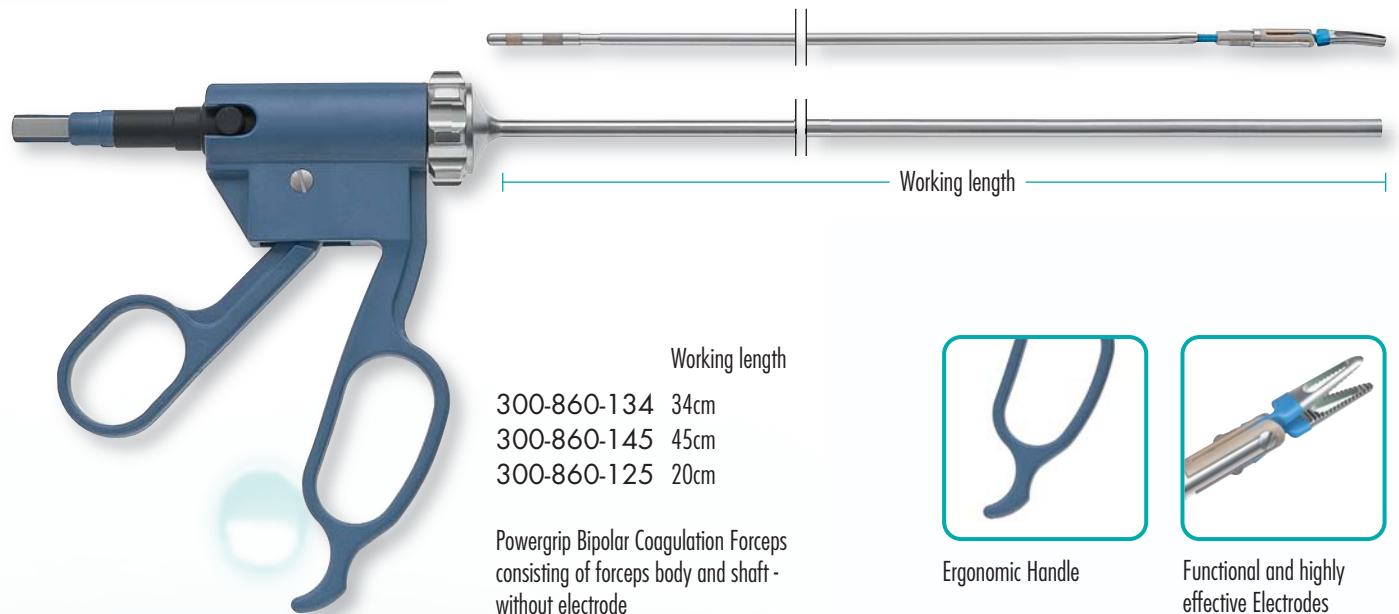
- no electrical breakdown on the distal end of the electrode
- durable working tip



Ceramic Tip

	Working length		
	300-163-410	34cm	J-Hook
	300-163-610	45cm	
	300-163-420	34cm	L-Hook
	300-163-620	45cm	
	300-163-430	34cm	Spatula
	300-163-630	45cm	
	300-163-450	34cm	Knife
	300-163-650	45cm	
	300-163-460	34cm	45° Needle
	300-163-660	45cm	
	300-163-470	34cm	Needle
	300-163-670	45cm	

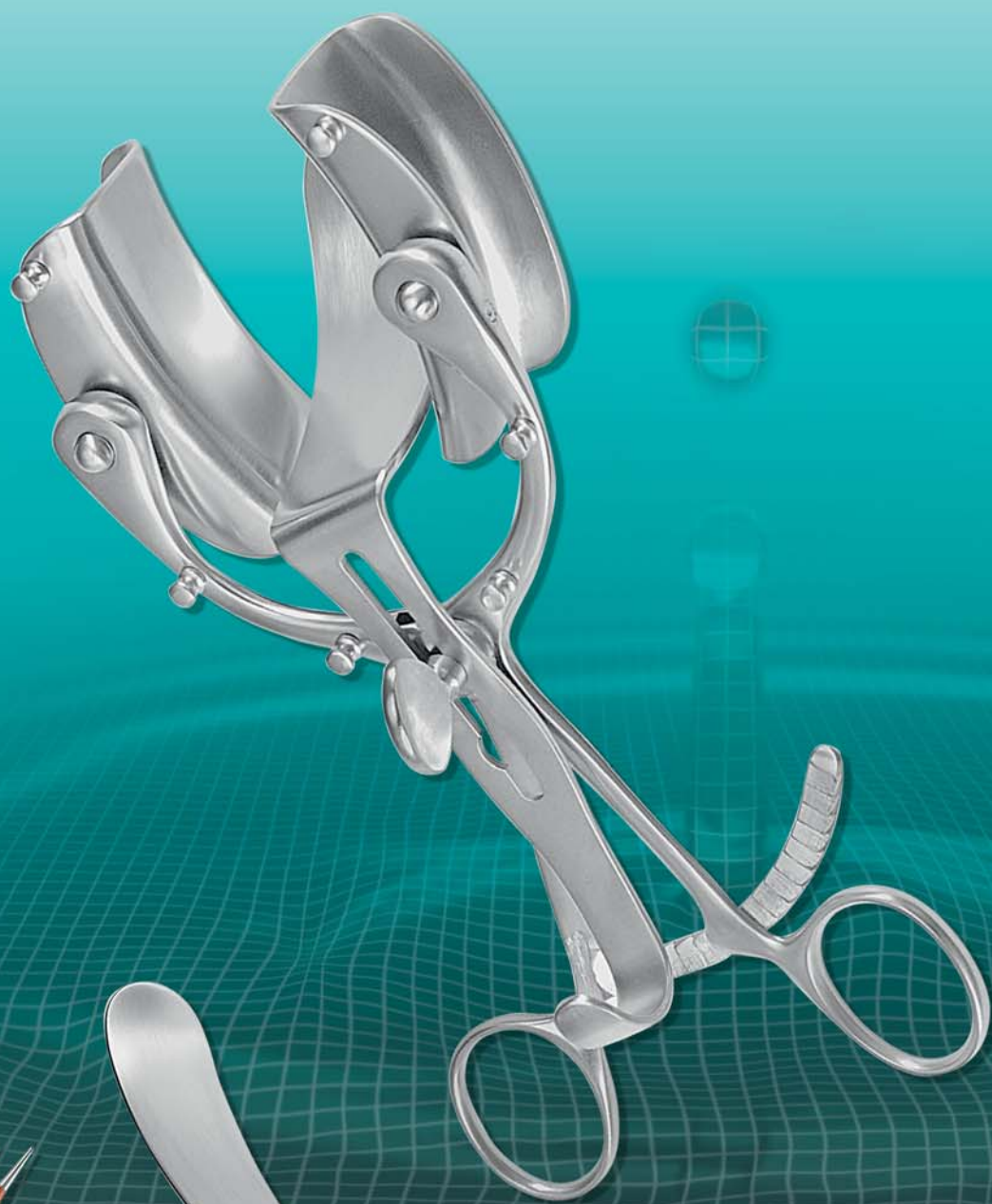
DETACHABLE BIPOLAR FORCEPS for safe and easy surgery



Electrodes



[illegible]



OPEN SURGERY

OPEN SURGERY

BiPOstyle

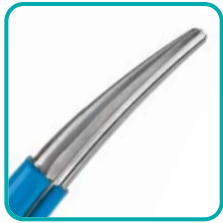
Bipolar Scissors and Forceps

RZ Micro Scissors are especially made for precise cutting when it comes to highly delicate surgery. Its thin scissors blades are a major advantage e.g. for plastic and reconstructive surgery.

RZ BiPOstyle clamps and forceps allow combining the reliable mechanical pressure with the thermal effect of high frequency surgery to seal the vessel and tissue structures permanently.

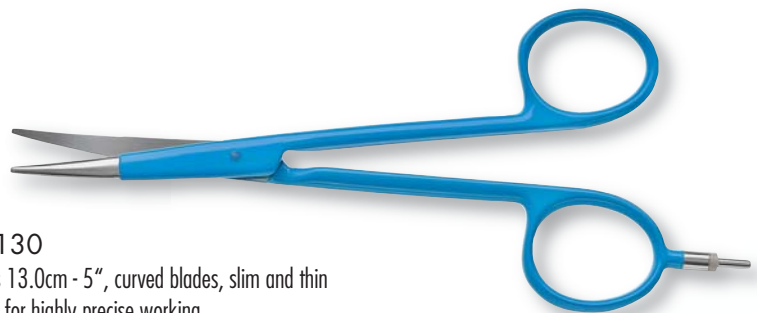


BIPOLAR MICRO SCISSORS



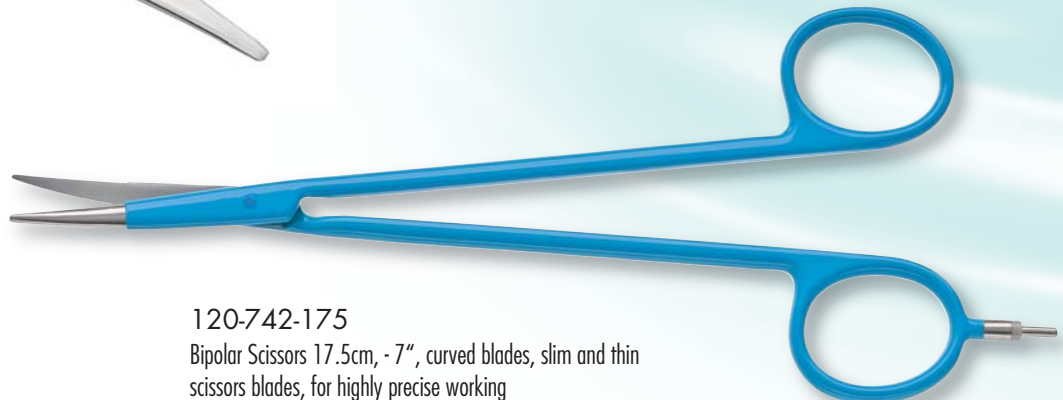
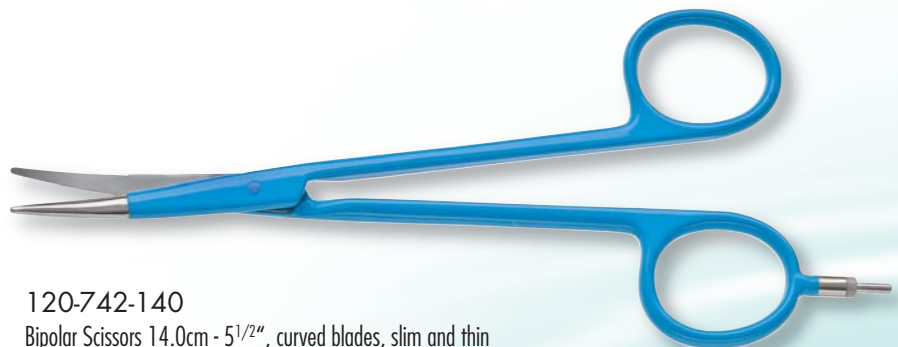
120-742-130

Bipolar Scissors 13.0cm - 5", curved blades, slim and thin scissors blades, for highly precise working



120-742-140

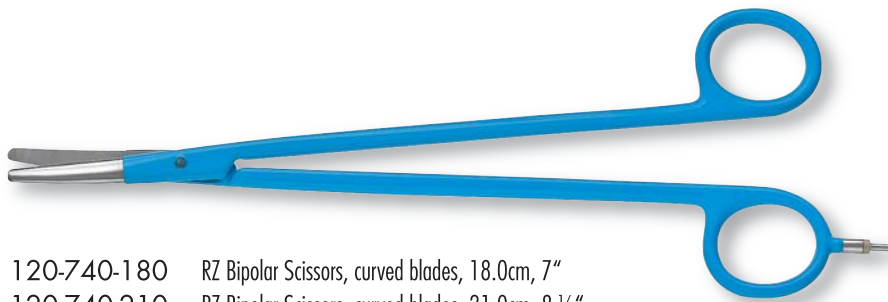
Bipolar Scissors 14.0cm - 5¹/₂", curved blades, slim and thin scissors blades, for highly precise working



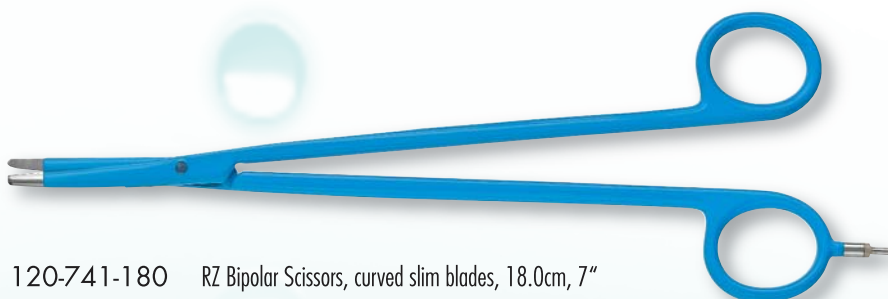
120-742-175

Bipolar Scissors 17.5cm, - 7", curved blades, slim and thin scissors blades, for highly precise working

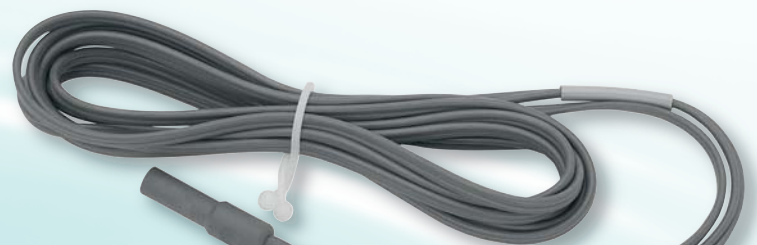
BIPOLAR SCISSORS AND CABLES



- 120-740-180 RZ Bipolar Scissors, curved blades, 18.0cm, 7"
- 120-740-210 RZ Bipolar Scissors, curved blades, 21.0cm, 8 1/4"
- 120-740-230 RZ Bipolar Scissors, curved blades, 23.0cm, 9"
- 120-740-280 RZ Bipolar Scissors, curved blades, 28.0cm, 11"



- 120-741-180 RZ Bipolar Scissors, curved slim blades, 18.0cm, 7"
- 120-741-210 RZ Bipolar Scissors, curved slim blades, 21.0cm, 8 1/4"
- 120-741-230 RZ Bipolar Scissors, curved slim blades, 23.0cm, 9"
- 120-741-280 RZ Bipolar Scissors, curved slim blades, 28.0cm, 11"



Bipolar Cables for use with RZ Bipolar Scissors



Valleylab



Martin



Erbe



Banana plugs



3m	700-736-003	700-737-003	700-738-003	700-739-003
5m	700-736-005	700-737-005	700-738-005	700-739-005



700-730-230 RZ Bipolar Clamp, curved jaws, 230mm, 9"



700-735-230 RZ Bipolar Clamp, curved jaws, bent, with gripping surfaces, with ratchet, 230mm, 9"



700-731-500 Bipolar Cable for RZ Bipolar Clamp, with 2 banana plugs, 5m length



This special bipolar forceps is a combination of a thermal effect, obtained due to the use of especially modulated high frequency current with a mechanical pressure of the clamps. The result is a permanent sealing of the vessel membranes and tissue structures. The vessel can easily be cut with the use of surgical

scissors without the risk of bleeding. Vessels closed with the use of the RZ system are capable of withstanding significant pressure. The safety of the closure with the use of the RZ system is comparable to the one obtained with the use of other mechanical methods.



The RZ bipolar scissors-forceps enables powerful grasping and compression of tissue, combined with bipolar coagulation or sealing of blood vessels. Now, tissue can be cut without changing the instrument.



700-120-190 RZ bipolar scissors-forceps, straight, with serrated jaws, without ratchet, 19.0 cm, 7 1/2"

700-120-140 RZ bipolar scissors-forceps, straight, with serrated jaws, without ratchet, 14.0 cm, 5 1/2"



700-121-190 RZ bipolar scissors-forceps, **curved**, with serrated jaws, without ratchet, 19.0 cm, 7 1/2"

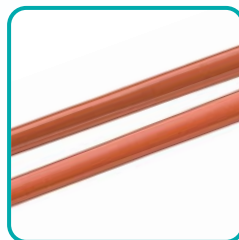
700-121-140 RZ bipolar scissors-forceps, **curved**, with serrated jaws, without ratchet, 14.0 cm, 5 1/2"

Perfect thermal conductivity with the RZ Bipolar Non-Stick Forceps

By using a polished noble material with excellent thermal properties for the forceps' tip, the undesirable effect of sticking tissue is now completely eliminated and non-stop working is ensured.



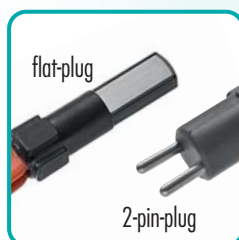
The polished noble metal forceps' tips offer excellent thermal conductivity which prevents the sticking of tissue. The non-stick effect is permanently ensured, as the tips are made of solid noble metal. Even after redressing the surface and frequent sterilisation, the non-sticking properties will be retained.



The resistant and well-proven insulation coating resists principally every highly alkaline cleaning agents. This ensures the electrical safety of the instrument reliably.



A wide fluted handle surface for safe and convenient handling ensures working without getting tired. Except the tips, the entire instrument is made of hardened stainless steel. This ensures a consistent optimum spring tension.



The plastic safety plugs enclose the complete connection area, even between the contact surfaces, in order to avoid the deposit of impurities in areas which are difficult to access for cleaning. All forceps are available with flat-plug or 2-pin-plug (2-pin-Standard).



		150mm	180mm	200mm	220mm
Width of tips	Plug	straight tips	angled tips	straight tips	straight tips
point 0.3mm	flat	700-610-150	700-611-150	700-610-180	700-610-220
	2-pin	700-612-150	700-613-150	700-612-180	700-620-220
blunt 0.6mm	flat	700-620-150	700-621-150	700-620-180	700-620-220
	2-pin	700-622-150	700-623-150	700-622-180	700-622-220
blunt 1.0mm	flat	700-630-150	700-631-150	700-630-180	700-630-220
	2-pin	700-632-150	700-633-150	700-632-180	700-632-220
blunt 2.0mm	flat	700-640-150	700-641-150	700-640-180	700-640-220
	2-pin	700-642-150	700-643-150	700-642-180	700-642-220



Jeweler Type

		110mm	
Width of tips	Plug	straight tips	angled tips
point 0.25mm	flat	700-601-710	700-601-730
	2-pin	700-601-711	700-601-731
blunt 0.6mm	flat	700-601-712	700-601-732
	2-pin	700-601-713	700-601-733
blunt 1.0mm	flat	700-601-714	700-601-734
	2-pin	700-601-715	700-601-735



straight tips

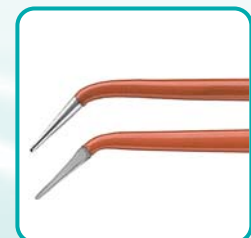


angled tips

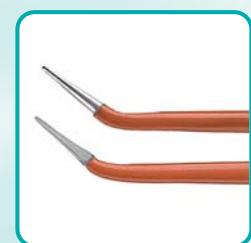


Bayonet shape

		180mm	200mm	220mm	240mm
Width of tips	Plug	straight tips	straight tips	straight tips	straight tips
point 0.3mm	flat	700-650-180	700-650-200	700-650-220	700-650-240
	2-pin	700-652-180	700-652-200	700-652-220	700-652-240
blunt 0.6mm	flat	700-660-180	700-660-200	700-660-220	700-660-240
	2-pin	700-662-180	700-662-200	700-662-220	700-662-240
blunt 1.0mm	flat	700-670-180	700-670-200	700-670-220	700-670-240
	2-pin	700-672-180	700-672-200	700-672-220	700-672-240
blunt 2.0mm	flat	700-680-180	700-680-200	700-680-220	700-680-240
	2-pin	700-682-180	700-682-200	700-682-220	700-682-240



angled down



angled up

Bayonet shape

		200mm	220mm
Width of tips	Plug	angled up tips	angled up tips
blunt 1.0mm	flat	700-670-201	700-670-221
	2-pin	700-672-201	700-672-221

Bayonet shape

		200mm	220mm
Width of tips	Plug	angled down tips	angled down tips
blunt 1.0mm	flat	700-670-203	700-670-223
	2-pin	700-672-203	700-672-223

Bipolar Cables

Generator end



2-Banana



Erbe



Martin, Aesculap
Berchold



Valleylab
Lamikey, EMC



Erbe
EMC/Dolley



Aesculap



Codman
CMC II



Valleylab
autobipolar

			
Flat plug	Flat plug, angled	Flat plug, square	2-pin plug
700-350-030	300-860-100	700-350-130	700-351-030
700-350-050	300-860-111	700-350-150	700-351-050
700-101-001	700-100-130	700-101-130	700-100-102
700-100-101	700-100-150	700-101-150	700-100-103
700-287-030	700-200-130	700-287-130	700-200-132
700-287-050	700-200-150	700-287-150	700-200-152
700-351-031	700-300-003	700-351-131	700-300-203
700-351-051	700-300-005	700-351-151	700-300-205
700-400-050	700-400-003	700-400-103	700-400-203
700-400-055		700-400-105	
700-400-035			700-400-230
700-400-036			700-400-250
700-400-041			700-400-330
700-400-040			700-400-350
700-400-030		700-400-130	

						
2-pin plug, angled	2-pin plug, angled	Round plug	R. Wolf plug	Karl Storz plug	Ethicon Scissors plug	Aesculap plug
700-345-403	700-345-003	700-739-003	700-630-003	700-351-047	700-351-053	700-200-030
700-345-405	700-345-005	700-739-005		700-351-048	700-351-055	700-200-050
700-101-230		700-100-202	700-100-104	700-100-302	700-100-402	700-100-502
700-101-250		700-100-303	700-100-105	700-100-305	700-100-405	700-100-505
700-287-230		700-200-232	700-390-030	700-200-332	700-200-432	700-200-532
700-287-250		700-200-253	700-390-050	700-200-352	700-200-452	700-200-552
700-351-231	700-300-403	700-736-003	700-300-503	700-300-603	700-300-703	700-300-805
700-351-251	700-300-405	700-736-005	700-300-505		700-300-705	
700-400-303	700-400-403	700-400-503		700-400-603		
		700-400-205				
						700-400-830
700-400-430	700-400-530					700-400-730
700-400-450	700-400-550					700-400-750



320-190-000 Thomson Walker prostatic retractor complete with all blades



320-185-000 Millin Bladder Retractor complete including 4 lateral and 1 central blade



320-195-000 Judd - Masson Bladder Retractors opening 110mm, blade 73 x 28mm



320-195-001 Millin Central blade for Judd-Masson Bladder Retractor, 105 x 44mm



320-200-000 Legueu Bladder Retractors opening 95mm, blade 27 x 60mm, Central blade 80 x 31mm



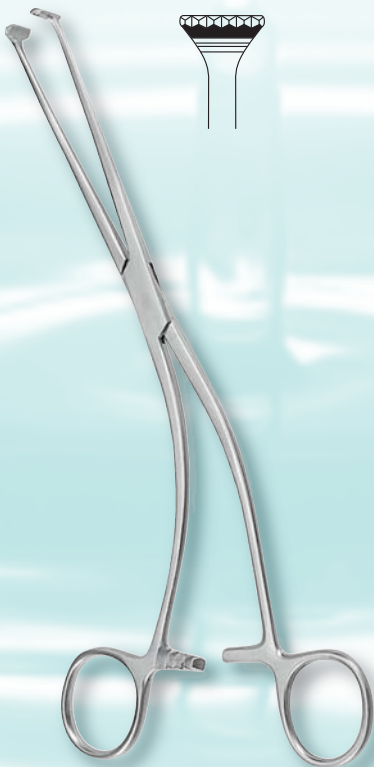
320-186-000
Millin Retropubic Self Retaining Retractor,
complete with 2 sets of blades



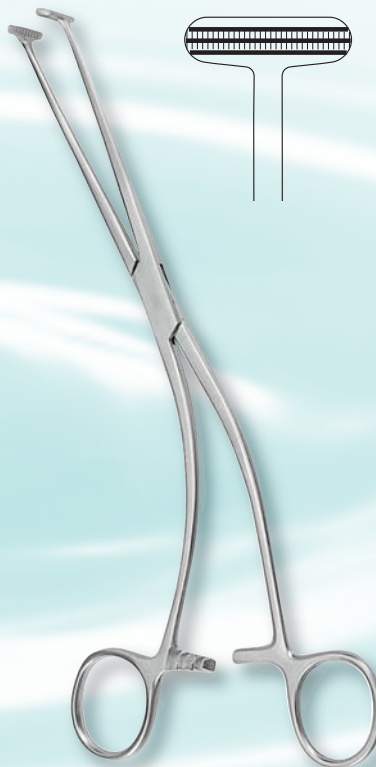
320-187-000
St. Marks Perineal Self Retaining Retractor,
with swivel blades and towel pegs



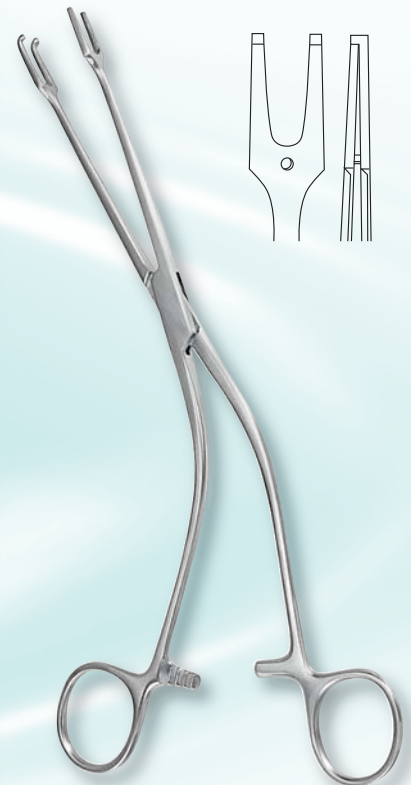
320-361-200
Young Prostate Grasping Forceps, 20cm



320-150-230 Millin Prostatic Grasping Forceps,
23cm



320-151-230 Millin atraumatic Grasping Forceps
for the capsule



320-152-230 Millin Grasping Forceps for the
Anterior Lobe 23cm long



320-204-210 Young Prostatic Retractor, 21cm



320-205-220 Young Prostatic Retractor, 22cm



320-206-220 Young Prostatic Retractor, 21cm



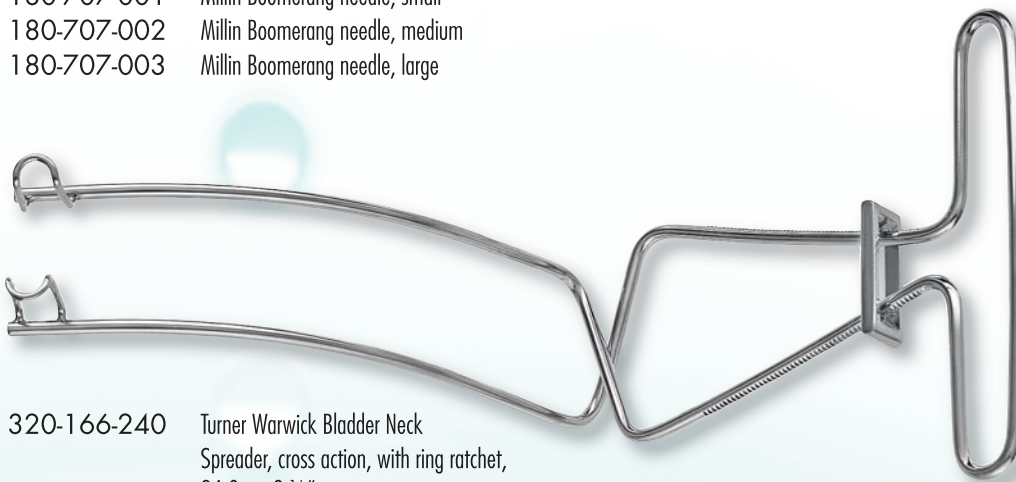
320-170-260 Legueu Bladder Spatula, 26cm



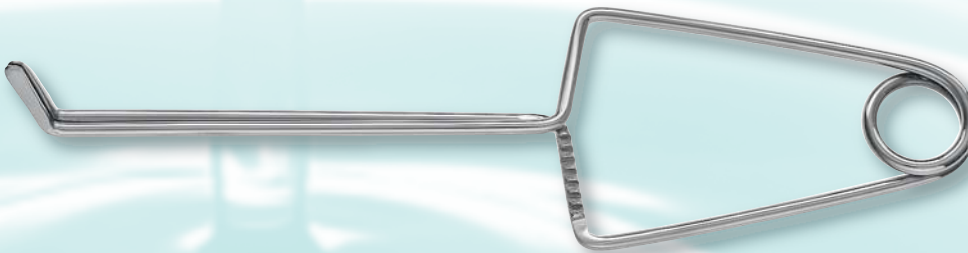
320-175-235 Kocher Bladder Spatula, 23.5cm



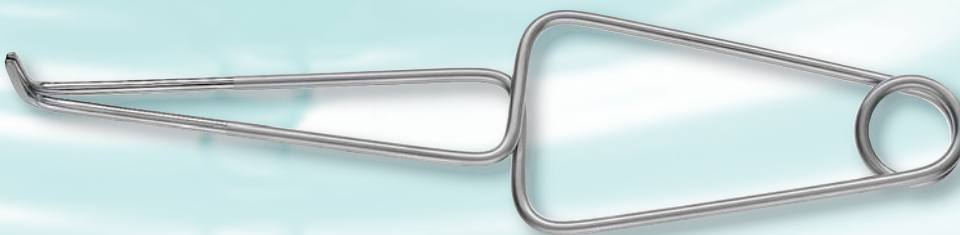
- 180-707-220 Millin Boomerang Needle holder, 225m m, complete with 3 needles
- 180-707-001 Millin Boomerang needle, small
- 180-707-002 Millin Boomerang needle, medium
- 180-707-003 Millin Boomerang needle, large



- 320-166-240 Turner Warwick Bladder Neck
Spreader, cross action, with ring ratchet,
24.0cm, 9 1/2"



- 320-165-285 Millin Bladder Neck Spreader cross action with rack, 28.5cm, 11 1/4"



- 320-165-240 Millin Bladder Neck Spreader cross action, angled, 24.0cm, 9 1/2"

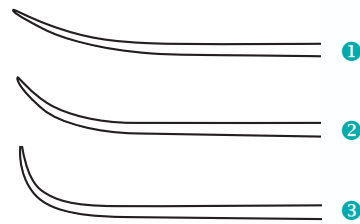


① 320-400-030 Turner Warwick Posterior Urethral Suture needle, 30°, 200mm

② 320-400-070 Turner Warwick Posterior Urethral Suture needle, 70°, 200mm

③ 320-400-090 Turner Warwick Posterior Urethral Suture needle, 90°, 200mm

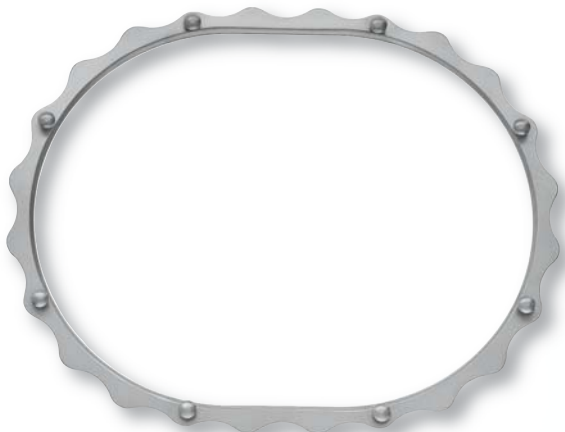
320-400-500 Turner Warwick Posterior Urethral Suture needle, set of 3



253-722-001 Turner Warwick Dilating Posterior Urethral Speculum, with fibre optic light channel, for adults



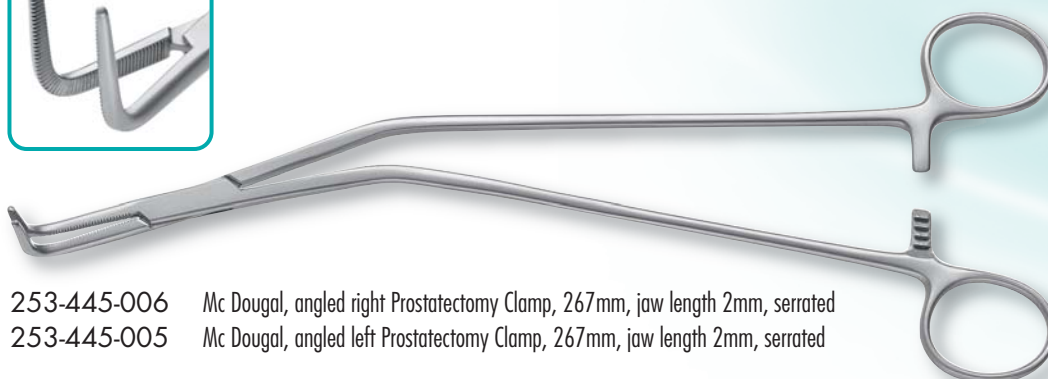
253-820-150 Turner Warwick Review Speculum with fibre optic light channel, for children or revision



253-501-010 Turner Warwick Retractor claw blade only, 13mm x 14mm, 140mm

253-501-020 Turner Warwick Retractor frame only, 180mm x 140mm

253-501-100 Turner Warwick Retractor set complete with 1 ring and 6 blades



253-445-006 Mc Dougal, angled right Prostatectomy Clamp, 267mm, jaw length 2mm, serrated

253-445-005 Mc Dougal, angled left Prostatectomy Clamp, 267mm, jaw length 2mm, serrated



320-201-360 Prostate Retractor, 360mm



170-180-012 Blandy modified Gil Vernet Retractor, 12mm

170-180-018 Same, 18mm

170-180-025 Same, 25mm



170-235-080 Gil Vernet retractor, 8mm

170-235-150 Same, 15mm

170-235-110 Same, 11mm

170-235-170 Same, 17mm

170-235-130 Same, 13mm

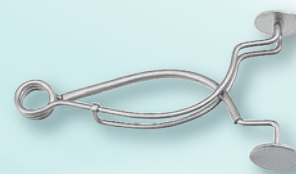


320-350-190 Mathieu Foreign Body Forceps, 20cm

320-350-280 Same, 28cm



320-355-000 Sachse Meatotome



320-998-000 Stockmann Meatus Clamp, 8cm



320-997-000 St. Marks Penis Seizing Clamp



320-999-000 Strauss Penis Seizing Forceps, 13cm



CLIP APPLYING FORCEPS

Clip Applying Forceps



300-880-100 Titanium Ligating Clip, Small size (S), package with 50 cartridges each 6 clips, blue colour code



300-880-200 Titanium Ligating Clip, Medium size (M), package with 50 cartridges each 6 clips, white colour code



300-880-300 Titanium Ligating Clip, Medium-Large size (ML), package with 20 cartridges each 6 clips, green colour code



300-880-400 Titanium Ligating Clip, Large size (L), package with 20 cartridges each 6 clips, yellow colour code



RZ / Ethicon Clips

180-919-105	19 cm SMALL
180-919-106	19 cm MEDIUM
180-919-107	19 cm MEDIUM-LARGE
180-919-108	19 cm LARGE

180-919-109	28 cm MEDIUM
180-919-110	28 cm MEDIUM-LARGE
180-919-111	28 cm LARGE

Horizon Clips

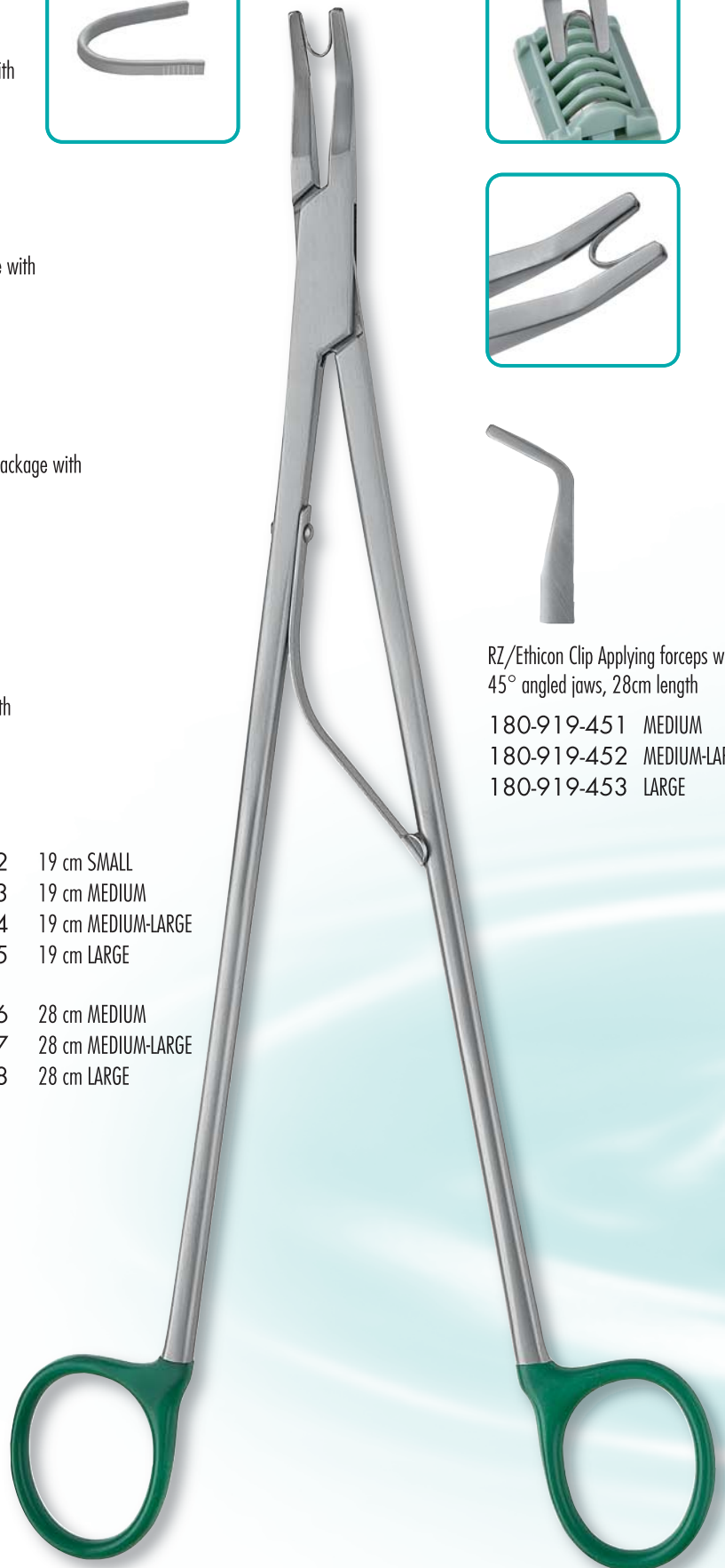
180-919-062	19 cm SMALL
180-919-063	19 cm MEDIUM
180-919-064	19 cm MEDIUM-LARGE
180-919-065	19 cm LARGE

180-919-066	28 cm MEDIUM
180-919-067	28 cm MEDIUM-LARGE
180-919-068	28 cm LARGE

Pilling Clips

180-919-032	19 cm SMALL
180-919-033	19 cm MEDIUM
180-919-034	19 cm MEDIUM-LARGE
180-919-035	19 cm LARGE

180-919-036	28 cm MEDIUM
180-919-037	28 cm MEDIUM-LARGE
180-919-038	28 cm LARGE

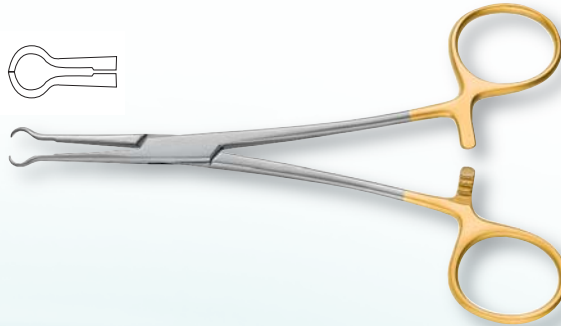


RZ/Ethicon Clip Applying forceps with 45° angled jaws, 28cm length

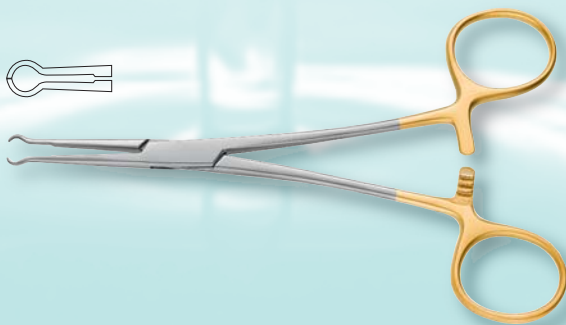
180-919-451	MEDIUM
180-919-452	MEDIUM-LARGE
180-919-453	LARGE



140-353-125 No-Scalpel Vasectomy Forceps, 5 inch, with sharp, pointed, smooth curved jaw



140-352-140 No-Scalpel Vasectomy Fixator Ring Forceps, 5^{1/2} inch, with blunt tips, ø 4.7 mm ring size



140-353-140 No-Scalpel Vasectomy Mini Fixator Ring Forceps, 5^{1/2} inch, with blunt tips, ø 3.0 mm ring size

This image shows a blank sheet of white paper with horizontal blue lines. The lines are evenly spaced and extend across the width of the page. At the bottom of the page, there is a decorative light blue wavy pattern that resembles water or clouds. The overall appearance is that of a clean, unused piece of stationery.

120-740-180	113	180-919-108	126	253-000-101	4	253-000-800	63
120-740-210	113	180-919-109	126	253-000-102	4	253-000-810	63
120-740-230	113	180-919-110	126	253-000-105	4	253-000-850	63
120-740-280	113	180-919-111	126	253-000-106	4	253-000-900	63
120-741-180	113	180-919-451	126	253-000-107	4	253-000-901	63
120-741-210	113	180-919-452	126	253-000-108	4	253-000-950	63
120-741-230	113	180-919-453	126	253-000-117	3	253-000-951	63
120-741-280	113	250-018-050	92	253-000-119	3	253-000-975	63
120-742-130	112	250-020-025	92	253-000-120	3	253-000-976	63
120-742-140	112	250-020-030	92	253-000-122	3	253-200-007	33
120-742-175	112	250-022-025	92	253-000-125	3	253-200-009	33
140-152-230	105	250-022-030	92	253-000-200	13	253-200-011	37
140-352-140	127	250-025-023	92	253-000-201	13	253-200-075	37
140-353-125	127	250-025-025	92	253-000-210	44	253-200-095	37
140-353-140	127	250-025-028	92	253-000-211	44	253-200-100	36
170-180-012	125	250-025-035	92	253-000-217	3	253-200-128	36
170-180-018	125	250-035-180	93	253-000-219	3	253-200-200	34
170-180-025	125	250-035-230	93	253-000-220	3	253-200-200	35
170-235-080	125	250-035-300	93	253-000-222	3	253-200-200	36
170-235-130	125	250-037-000	93	253-000-225	3	253-200-210	34
170-235-150	125	250-038-000	93	253-000-256	18	253-200-210	35
170-235-170	125	250-039-000	93	253-000-256	21	253-200-210	36
180-707-001	123	250-040-000	93	253-000-258	18	253-200-228	36
180-707-002	123	250-041-000	93	253-000-266	18	253-200-328	36
180-707-003	123	250-042-000	93	253-000-268	18	253-200-428	36
180-707-220	123	250-044-000	93	253-000-300	21	253-200-500	35
180-919-032	126	250-045-000	93	253-000-300	28	253-200-600	34
180-919-033	126	250-048-000	93	253-000-312	21	253-202-003	33
180-919-034	126	250-048-180	93	253-000-312	28	253-202-003	37
180-919-035	126	250-048-230	93	253-000-352	45	253-202-003	39
180-919-036	126	250-048-300	93	253-000-356	19	253-203-128	34
180-919-037	126	250-051-000	93	253-000-358	19	253-203-228	34
180-919-038	126	250-052-000	93	253-000-366	19	253-203-328	34
180-919-062	126	250-059-000	93	253-000-368	19	253-203-428	34
180-919-063	126	253-000-044	20	253-000-501	45	253-204-003	33
180-919-064	126	253-000-047	20	253-000-503	45	253-204-003	37
180-919-065	126	253-000-054	20	253-000-505	45	253-204-003	39
180-919-066	126	253-000-057	20	253-000-507	45	253-204-128	35
180-919-067	126	253-000-084	20	253-000-524	19	253-204-228	35
180-919-068	126	253-000-087	20	253-000-527	19	253-204-328	35
180-919-105	126	253-000-094	20	253-000-552	45	253-204-428	35
180-919-106	126	253-000-097	20	253-000-724	18	253-219-100	37
180-919-107	126	253-000-100	4	253-000-727	18	253-219-130	37

253-220-011	38	253-300-204	14	253-300-999	27	253-333-225	67
253-220-014	39	253-300-205	14	253-310-014	42	253-333-335	66
253-220-025	39	253-300-205S	16	253-310-015	42	253-334-225	67
253-220-030	39	253-300-206	14	253-310-017	2	253-334-335	66
253-221-000	33	253-300-206S	16	253-310-019	2	253-335-225	67
253-221-030	33	253-300-207	14	253-310-020	2	253-335-335	66
253-227-000	38	253-300-208	14	253-310-022	2	253-336-225	67
253-227-030	38	253-300-209	14	253-310-025	2	253-336-335	66
253-227-070	38	253-300-210	14	253-310-100	43	253-337-225	67
253-250-200	40	253-300-211	15	253-310-101	43	253-337-335	66
253-250-200	41	253-300-211S	17	253-310-107	43	253-340-335	66
253-250-211	40	253-300-212	15	253-310-390	65	253-341-335	66
253-250-213	40	253-300-212S	17	253-310-391	65	253-342-335	66
253-251-111	40	253-300-213	15	253-310-392	65	253-343-335	66
253-251-112	40	253-300-213S	17	253-310-393	65	253-344-335	66
253-251-113	40	253-300-214	15	253-310-421	43	253-345-335	66
253-251-114	40	253-300-215	15	253-315-000	12	253-346-335	66
253-251-115	40	253-300-218	15	253-320-225	67	253-347-335	66
253-252-111	40	253-300-219	15	253-320-335	66	253-348-335	66
253-252-112	40	253-300-220	15	253-321-225	67	253-349-335	66
253-252-113	40	253-300-222	14	253-321-335	66	253-350-335	66
253-252-114	40	253-300-301	14	253-322-225	67	253-351-335	66
253-252-115	40	253-300-301S	16	253-322-335	66	253-352-335	66
253-255-001	41	253-300-302	14	253-323-225	67	253-353-335	66
253-265-010	41	253-300-303	14	253-323-335	66	253-354-335	66
253-265-101	41	253-300-303S	16	253-324-225	67	253-355-335	66
253-265-102	41	253-300-304	14	253-324-335	66	253-356-335	66
253-265-103	41	253-300-305	14	253-325-225	67	253-357-335	66
253-265-104	41	253-300-305S	16	253-325-335	66	253-360-047	67
253-300-017	2	253-300-306	14	253-326-225	67	253-360-069	67
253-300-019	2	253-300-306S	16	253-326-335	66	253-360-100	67
253-300-020	2	253-300-307	14	253-327-225	67	253-360-811	67
253-300-022	2	253-300-308	14	253-327-335	66	253-370-003	10
253-300-025	2	253-300-309	14	253-328-225	67	253-370-005	10
253-300-119	3	253-300-310	14	253-328-335	66	253-370-007	10
253-300-120	3	253-300-311	15	253-329-225	67	253-370-009	65
253-300-122	3	253-300-312	15	253-329-335	66	253-370-010	10
253-300-125	3	253-300-801S	17	253-330-225	67	253-370-021	65
253-300-201	14	253-300-803S	17	253-330-335	66	253-370-253	33
253-300-201S	16	253-300-805S	17	253-331-225	67	253-370-253	34
253-300-202	14	253-300-806S	17	253-331-335	66	253-370-253	35
253-300-203	14	253-300-821S	17	253-332-225	67	253-370-253	36
253-300-203S	16	253-300-999	25	253-332-335	66	253-370-253	37

253-370-253	39	253-500-230	24	253-650-016	66	253-829-030	42
253-371-003	10	253-500-230	28	253-650-018	66	253-829-030	44
253-371-005	10	253-500-315	27	253-650-020	66	253-829-100	26
253-371-007	10	253-500-321	24	253-650-022	66	253-832-150	60
253-371-253	33	253-500-321	28	253-650-024	66	253-832-151	60
253-371-253	34	253-500-325	24	253-650-026	66	253-835-150	60
253-371-253	35	253-500-325	28	253-650-028	66	253-835-150	60
253-371-253	36	253-500-500	26	253-650-030	66	253-850-006	32
253-371-253	37	253-500-561	25	253-650-032	66	253-850-006	84
253-371-253	39	253-500-562	25	253-650-034	66	253-850-006	85
253-372-005	10	253-500-563	25	253-650-036	66	253-850-008	32
253-372-007	10	253-500-564	25	253-722-001	124	253-850-008	84
253-372-010	10	253-500-581	27	253-750-010	32	253-850-008	85
253-375-010	65	253-500-581	27	253-750-010	84	253-850-010	32
253-375-015	65	253-500-582	27	253-750-010	85	253-850-010	84
253-420-100	6	253-501-010	124	253-750-100	32	253-850-010	85
253-421-100	6	253-501-020	124	253-750-100	84	253-850-012	32
253-422-100	6	253-501-100	124	253-750-100	85	253-850-012	84
253-423-100	6	253-580-007	9	253-750-150	32	253-850-012	85
253-425-100	7	253-581-007	9	253-750-150	84	253-850-016	32
253-426-100	7	253-581-045	8	253-750-150	85	253-850-016	84
253-427-100	7	253-582-045	8	253-750-200	32	253-850-020	32
253-429-100	7	253-582-055	8	253-750-200	84	253-850-020	84
253-430-100	31	253-582-065	8	253-750-200	85	253-850-020	85
253-431-100	7	253-583-006	9	253-750-200	85	253-850-020	85
253-445-005	124	253-584-005	9	253-750-200	85	253-850-025	32
253-445-006	124	253-585-005	8	253-750-200	85	253-850-025	84
253-500-000	64	253-585-005	57	253-755-010	29	253-850-025	85
253-500-001	64	253-610-001	10	253-755-020	29	253-850-025	85
253-500-003	64	253-610-001	13	253-755-030	29	253-870-023	11
253-500-004	64	253-610-001	45	253-755-040	29	253-872-000	11
253-500-010	64	253-610-002	10	253-755-500	30	253-873-000	11
253-500-020	64	253-610-002	13	253-760-000	31	253-874-000	21
253-500-100	23	253-610-002	45	253-804-000	1	253-900-001	56
253-500-101	23	253-610-003	10	253-804-012	1	253-900-100	50
253-500-102	23	253-610-003	13	253-804-030	1	253-900-100	85
253-500-103	23	253-610-003	45	253-804-045	1	253-900-101	50
253-500-108	23	253-610-004	10	253-804-070	1	253-900-101	85
253-500-115	27	253-610-004	13	253-820-150	124	253-900-105	50
253-500-221	24	253-610-004	45	253-829-000	26	253-900-105	51
253-500-221	28	253-650-010	66	253-829-000	42	253-900-110	50
253-500-229	24	253-650-012	66	253-829-000	44	253-900-110	85
253-500-229	28	253-650-014	66	253-829-012	44	253-900-111	50

253-900-111	85	253-905-400	34	253-953-003	59	254-906-040	61
253-900-115	50	253-905-400	35	253-953-004	57	254-906-060	61
253-900-115	85	253-905-400	36	253-953-004	58	254-906-100	61
253-900-116	50	253-905-400	47	253-953-005	57	254-907-040	61
253-900-116	85	253-905-400	56	253-954-003	59	254-907-060	61
253-900-120	51	253-905-400	58	253-954-004	57	254-907-100	61
253-900-121	51	253-905-400	59	253-954-004	58	254-908-040	61
253-900-130	51	253-905-500	34	253-954-005	57	254-908-080	61
253-900-131	51	253-905-500	35	253-954-005	85	254-910-040	61
253-900-135	51	253-905-500	36	253-954-455	49	254-910-060	61
253-900-136	51	253-905-500	47	253-955-003	59	254-910-080	61
253-900-140	47	253-905-500	56	253-955-004	57	300-001-145	99
253-900-141	48	253-905-500	58	253-955-004	58	300-001-146	99
253-900-142	48	253-905-500	59	253-955-005	57	300-001-149	99
253-900-143	48	253-905-530	56	253-956-003	59	300-001-180	96
253-900-145	48	253-905-540	56	253-956-004	57	300-001-190	86
253-900-146	48	253-905-540	85	253-956-004	58	300-001-192	86
253-900-147	48	253-910-000	83	253-956-005	57	300-001-232	99
253-900-148	48	253-910-530	58	253-956-455	49	300-001-300	95
253-900-155	52	253-910-540	58	253-957-003	59	300-001-303	95
253-900-156	52	253-915-530	59	253-957-004	57	300-001-305	95
253-900-157	52	253-915-540	59	253-957-004	58	300-001-308	95
253-900-170	54	253-920-090	67	253-957-005	57	300-001-405	90
253-900-200	48	253-920-105	67	253-958-003	59	300-001-406	90
253-900-200	52	253-920-120	67	253-958-004	57	300-001-500	88
253-900-201	52	253-920-135	67	253-958-004	58	300-001-503	89
253-900-202	52	253-920-150	67	253-958-005	57	300-001-504	89
253-900-205	53	253-940-005	8	253-958-455	49	300-001-810	87
253-900-206	53	253-940-005	57	253-959-003	59	300-001-815	87
253-900-210	53	253-950-003	59	253-959-004	57	300-002-100	91
253-900-210	85	253-950-004	57	253-959-004	58	300-002-110	91
253-900-211	53	253-950-004	58	253-959-005	57	300-002-300	94
253-900-212	53	253-950-005	57	253-960-025	57	300-002-305	94
253-900-213	53	253-950-005	57	253-962-003	57	300-010-219	99
253-900-245	53	253-950-455	49	253-970-000	32	300-010-224	99
253-900-246	53	253-951-003	59	253-970-000	84	300-011-179	64
253-900-250	53	253-951-004	57	253-990-800	12	300-011-181	64
253-900-251	53	253-951-004	58	254-904-040	61	300-011-506	64
253-900-252	53	253-952-003	59	254-904-060	61	300-020-211	101
253-900-253	53	253-952-004	57	254-904-100	61	300-020-225	101
253-900-306	53	253-952-004	58	254-905-040	61	300-020-711	101
253-900-306	85	253-952-005	57	254-905-060	61	300-020-755	101
253-905-000	56	253-952-455	49	254-905-100	61	300-021-111	101

300-021-155	101	300-400-206	102	300-860-063	109	320-206-220	122
300-021-611	101	300-400-220	102	300-860-064	109	320-350-190	125
300-021-655	101	300-400-221	102	300-860-065	109	320-350-280	125
300-021-711	101	300-400-245	102	300-860-068	109	320-355-000	125
300-021-755	101	300-400-900	64	300-860-069	109	320-361-200	121
300-023-111	101	300-400-901	64	300-860-100	118	320-400-030	124
300-023-255	101	300-420-065	81	300-860-111	118	320-400-070	124
300-023-711	101	300-490-200	102	300-860-125	109	320-400-090	124
300-023-755	101	300-490-202	102	300-860-134	109	320-400-500	124
300-024-111	101	300-490-204	102	300-860-145	109	320-603-455	65
300-024-155	101	300-490-206	102	300-880-100	107	320-720-080	68
300-024-711	101	300-490-220	102	300-880-100	126	320-720-100	68
300-024-755	101	300-490-221	102	300-880-200	107	320-720-120	68
300-100-771	105	300-490-245	102	300-880-200	126	320-720-140	68
300-100-772	105	300-660-005	103	300-880-300	107	320-720-160	68
300-100-773	105	300-750-015	103	300-880-300	126	320-720-180	68
300-100-774	105	300-750-016	103	300-880-400	107	320-720-200	68
300-100-777	105	300-750-021	103	300-880-400	126	320-720-220	68
300-100-778	105	300-750-101	103	300-900-050	97	320-720-240	68
300-100-779	105	300-750-103	103	300-900-150	97	320-721-080	68
300-100-779	105	300-750-105	103	300-900-151	97	320-721-100	68
300-100-789	105	300-750-115	103	300-900-250	98	320-721-120	68
300-100-799	104	300-803-001	106	301-701-100	12	320-721-140	68
300-101-775	105	300-803-002	106	301-701-100	47	320-721-160	68
300-135-905	81	300-803-004	106	301-701-100	64	320-721-180	68
300-135-910	81	300-803-006	106	320-150-230	121	320-721-200	68
300-163-410	108	300-803-401	106	320-151-230	121	320-721-220	68
300-163-420	108	300-803-402	106	320-152-230	121	320-721-240	68
300-163-430	108	300-803-404	106	320-165-240	123	320-723-080	68
300-163-450	108	300-803-406	106	320-165-285	123	320-723-100	68
300-163-460	108	300-860-010	109	320-166-240	123	320-723-120	68
300-163-470	108	300-860-011	109	320-170-260	122	320-723-140	68
300-163-610	108	300-860-014	109	320-175-235	122	320-723-160	68
300-163-620	108	300-860-015	109	320-185-000	120	320-723-180	68
300-163-630	108	300-860-018	109	320-186-000	121	320-723-200	68
300-163-650	108	300-860-019	109	320-187-000	121	320-723-220	68
300-163-660	108	300-860-021	109	320-190-000	120	320-723-240	68
300-163-670	108	300-860-023	109	320-195-000	120	320-997-000	125
300-215-000	12	300-860-024	109	320-195-001	120	320-998-000	125
300-215-000	81	300-860-025	109	320-200-000	120	320-999-000	125
300-400-200	102	300-860-028	109	320-201-360	125	351-001-202	83
300-400-202	102	300-860-029	109	320-204-210	122	351-001-203	83
300-400-204	102	300-860-061	109	320-205-220	122	351-100-105	5

351-100-107	5	600-485-500	78	700-100-502	119	700-345-003	119
351-100-109	5	600-485-530	78	700-100-505	119	700-345-005	119
351-100-203	83	600-485-535	78	700-101-001	118	700-345-403	119
351-100-204	83	600-485-550	78	700-101-130	118	700-345-405	119
351-114-105	5	600-485-555	78	700-101-150	118	700-350-030	118
351-114-107	5	600-485-570	78	700-101-230	119	700-350-050	118
351-114-109	5	600-485-575	78	700-101-250	119	700-350-130	118
351-120-105	5	600-485-600	78	700-120-140	115	700-350-150	118
351-120-105	25	600-485-605	78	700-120-190	115	700-351-030	118
351-120-107	5	600-501-000	73	700-121-140	115	700-351-031	118
351-120-109	5	600-501-002	73	700-121-190	115	700-351-047	119
351-124-107	5	600-503-000	70	700-200-030	119	700-351-048	119
600-100-000	81	600-504-000	70	700-200-050	119	700-351-050	118
600-140-003	76	600-505-000	71	700-200-130	118	700-351-051	118
600-140-004	76	600-505-002	71	700-200-132	118	700-351-053	119
600-140-013	76	600-506-002	72	700-200-150	118	700-351-055	119
600-140-014	76	600-506-002	72	700-200-152	118	700-351-131	118
600-255-500	80	600-508-000	74	700-200-232	119	700-351-151	118
600-255-530	80	600-508-100	74	700-200-253	119	700-351-231	119
600-255-535	80	600-508-200	75	700-200-332	119	700-351-251	119
600-255-550	80	600-511-000	75	700-200-352	119	700-390-030	119
600-255-555	80	600-540-500	77	700-200-432	119	700-390-050	119
600-255-565	80	600-540-530	77	700-200-452	119	700-400-003	118
600-255-575	80	600-540-535	77	700-200-532	119	700-400-030	118
600-255-600	80	600-540-550	77	700-200-552	119	700-400-035	118
600-255-605	80	600-540-555	77	700-287-030	118	700-400-036	118
600-265-543	76	600-540-570	77	700-287-050	118	700-400-040	118
600-281-001	80	600-540-575	77	700-287-130	118	700-400-041	118
600-281-002	79	600-540-600	77	700-287-150	118	700-400-050	118
600-281-003	78	600-540-605	77	700-287-230	119	700-400-055	118
600-281-004	77	700-100-101	118	700-287-250	119	700-400-103	118
600-292-052	69	700-100-102	118	700-300-003	118	700-400-105	118
600-405-500	79	700-100-103	118	700-300-005	118	700-400-130	118
600-405-530	79	700-100-104	119	700-300-203	118	700-400-203	118
600-405-535	79	700-100-105	119	700-300-205	118	700-400-205	119
600-405-550	79	700-100-130	118	700-300-403	119	700-400-230	118
600-405-555	79	700-100-150	118	700-300-405	119	700-400-250	118
600-405-570	79	700-100-202	119	700-300-503	119	700-400-303	119
600-405-575	79	700-100-302	119	700-300-505	119	700-400-330	118
600-405-600	79	700-100-303	119	700-300-603	119	700-400-350	118
600-405-605	79	700-100-305	119	700-300-703	119	700-400-403	119
600-450-070	73	700-100-402	119	700-300-705	119	700-400-430	119
600-462-052	69	700-100-405	119	700-300-805	119	700-400-450	119

700-400-503	119	700-630-003	119	700-670-201	117
700-400-530	119	700-630-150	117	700-670-203	117
700-400-550	119	700-630-180	117	700-670-220	117
700-400-603	119	700-630-200	117	700-670-221	117
700-400-730	119	700-630-220	117	700-670-223	117
700-400-750	119	700-631-150	117	700-670-240	117
700-400-830	119	700-631-180	117	700-672-180	117
700-601-710	117	700-632-150	117	700-672-200	117
700-601-711	117	700-632-180	117	700-672-201	117
700-601-712	117	700-632-200	117	700-672-203	117
700-601-713	117	700-632-220	117	700-672-220	117
700-601-714	117	700-633-150	117	700-672-221	117
700-601-715	117	700-633-180	117	700-672-223	117
700-601-730	117	700-640-150	117	700-672-240	117
700-601-731	117	700-640-180	117	700-680-180	117
700-601-732	117	700-640-200	117	700-680-200	117
700-601-733	117	700-640-220	117	700-680-220	117
700-601-734	117	700-641-150	117	700-680-240	117
700-601-735	117	700-641-180	117	700-682-180	117
700-610-150	117	700-642-150	117	700-682-200	117
700-610-180	117	700-642-180	117	700-682-220	117
700-610-200	117	700-642-200	117	700-682-240	117
700-610-220	117	700-642-220	117	700-730-230	114
700-611-150	117	700-643-150	117	700-731-500	114
700-611-180	117	700-643-180	117	700-735-230	114
700-612-150	117	700-650-180	117	700-736-003	113
700-612-180	117	700-650-200	117	700-736-003	119
700-612-200	117	700-650-220	117	700-736-005	113
700-613-150	117	700-650-240	117	700-736-005	119
700-613-180	117	700-652-180	117	700-737-003	113
700-620-150	117	700-652-200	117	700-737-005	113
700-620-180	117	700-652-220	117	700738-003	113
700-620-200	117	700-652-240	117	700-738-005	113
700-620-220	117	700-660-180	117	700-739-003	113
700-620-220	117	700-660-200	117	700-739-003	119
700-621-150	117	700-660-220	117	700-739-005	113
700-621-180	117	700-660-240	117	700-739-005	119
700-622-150	117	700-662-180	117	700-900-149	81
700-622-180	117	700-662-200	117	700-900-160	81
700-622-200	117	700-662-220	117	700-900-220	81
700-622-220	117	700-662-240	117	700-900-250	81
700-623-150	117	700-670-180	117		
700-623-180	117	700-670-200	117		



This image shows a blank sheet of white paper with horizontal blue lines. The lines are evenly spaced and extend across the width of the page. At the bottom right corner, there is a decorative graphic element consisting of several overlapping, curved, light blue shapes that resemble waves or stylized clouds. The overall appearance is that of a clean, unused piece of stationery or a template for writing.