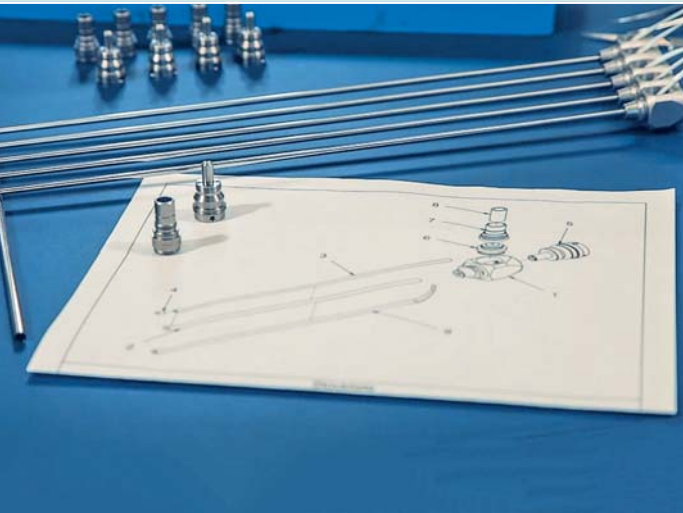


RZ Medizintechnik GmbH - Progress in Surgery. The family business was found in 1994 in Tuttlingen the center of the medical industry by Rainer Zubrod and he runs it today with his son Tobias and his family members.

By his strong commitment to produce and to market only high quality medical products, RZ has developed in recent years to a well respected and competent partner in the medical field. All the processes from development, manufacturing to worldwide distribution are performed at RZ with the utmost expertise and precision.



Our very high quality standard we achieve by the use of medical grade German stainless steel, titanium alloys and high-grade carbon fiber. The modern machinery with CNC milling and turning machines ensures a high production depth and pattern continuity. Of course, in strict compliance with the CE directives. We have been certified since 1994.

In RZ the traditional craftsmanship is done by experienced surgical instrument formen and highly skilled workers. The precise craftsmanship ensures the perfection of each instrument.

Beside the wide range of standard products, RZ Medizintechnik also offers:

- Individual custom-made products
- Repair and Replacement service

Since the company was founded in 1994 the endoscopic market has also influenced the development of HD telescopes for various procedures in surgery.

In the production of RZ HD telescopes we place emphasis, quality and superior handling. Hereby we use only material of the highest quality standard such as high resolution imaging bundle. Our extensive inventory enable us absolute compliance with the schedule and short delivery times.

After the modern laser marking our products are ready for their long way as medical device.

Our competent team consisting of our area managers and our experienced medical product consultants are pleased to support our exclusive dealers and distributors worldwide.





# HYSTEROSCOPY

Hysteroscopy  
made by RZ

Gynaecological procedures became over the last 10 years extremely important for prevention of female diseases such as uterine cancer. For preventive measurements it is necessary to develop for Hospitals, Gynaecologists and medical specialists new products which are most effective, efficient and patient friendly.

As a manufacturer of gynecologic instruments, endoscopes and equipment, we believe that it is important to make a contribution to these developments. Together with our clinical consultant Dr. Accardi we developed a range of instruments which makes the work easier, faster and more effective.



# HYSTEROSCOPY



Our new Hysteroscopy catalogue contains only state of the art products for office as well as operative hysteroscopy. All products are exclusively manufactured in our German production facilities to ensure the highest quality standards.

RZ Medizintechnik offers a wide range of Hysteroscope Sets used for diagnosis of changes in the female lower abdomen, myoma and polyp resections, removal of coils, sterilisation as well as endometrial and ovarian cancer or cysts operations.

All sets are based on our 2.0mm, 2.9mm or 4.0mm FullHD telescopes. In combination with our high-grade imaging systems we provide pictures of outstanding quality.



We also would like to thank our long-term customers for the many years of support and loyalty in using RZ Medizintechnik products.

We promise to continue with our company philosophy to deliver the best quality "Made in Germany".





DR. ANTONIO ACCARDI



Dr. Antonio Accardi was born in Palermo in 1976 and studied and graduated in medicine at the University of Palermo with his thesis on "Laser thermoablation in dysfunctional menometrorrhagia".

During his specialization in gynecology and obstetrics at the University of Palermo he developed a specific interest in hysteroscopy. Increased by participating in many courses and workshops as an organizer, tutor and operator.

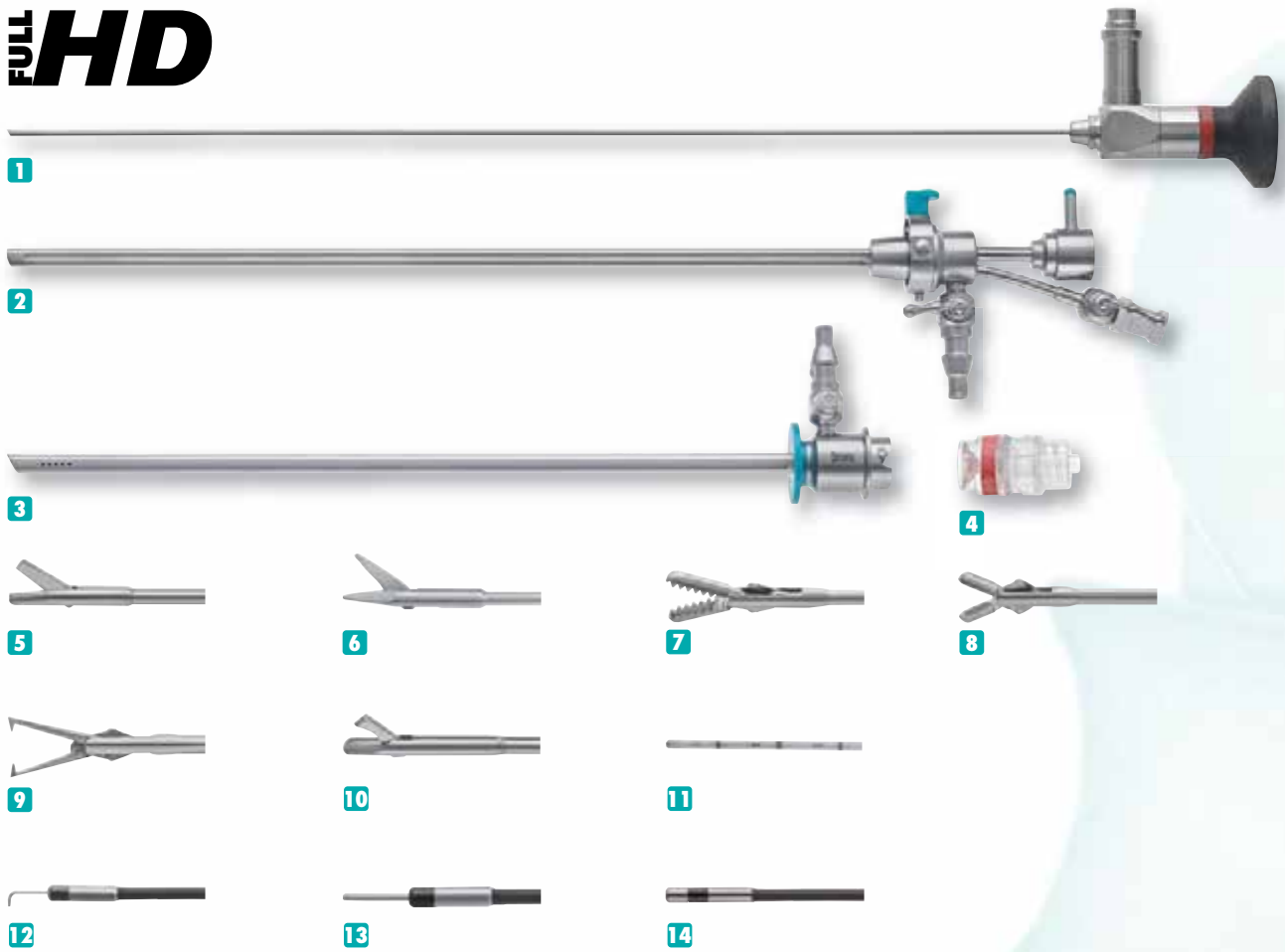
Due to his passionate interest in emerging cultures and innovation, he attended excellence centres for hysteroscopy and enriched his cultural and scientific background by visiting hospitals in foreign countries like Japan, Taiwan and Eritrea. He gave various speeches at major national and international conferences, as the author of numerous scientific publications in his subject hysteroscopy.

He earned his specialization with honours, discussing a thesis on hysteroscopy in diseases related to the sequelae of caesarean section.

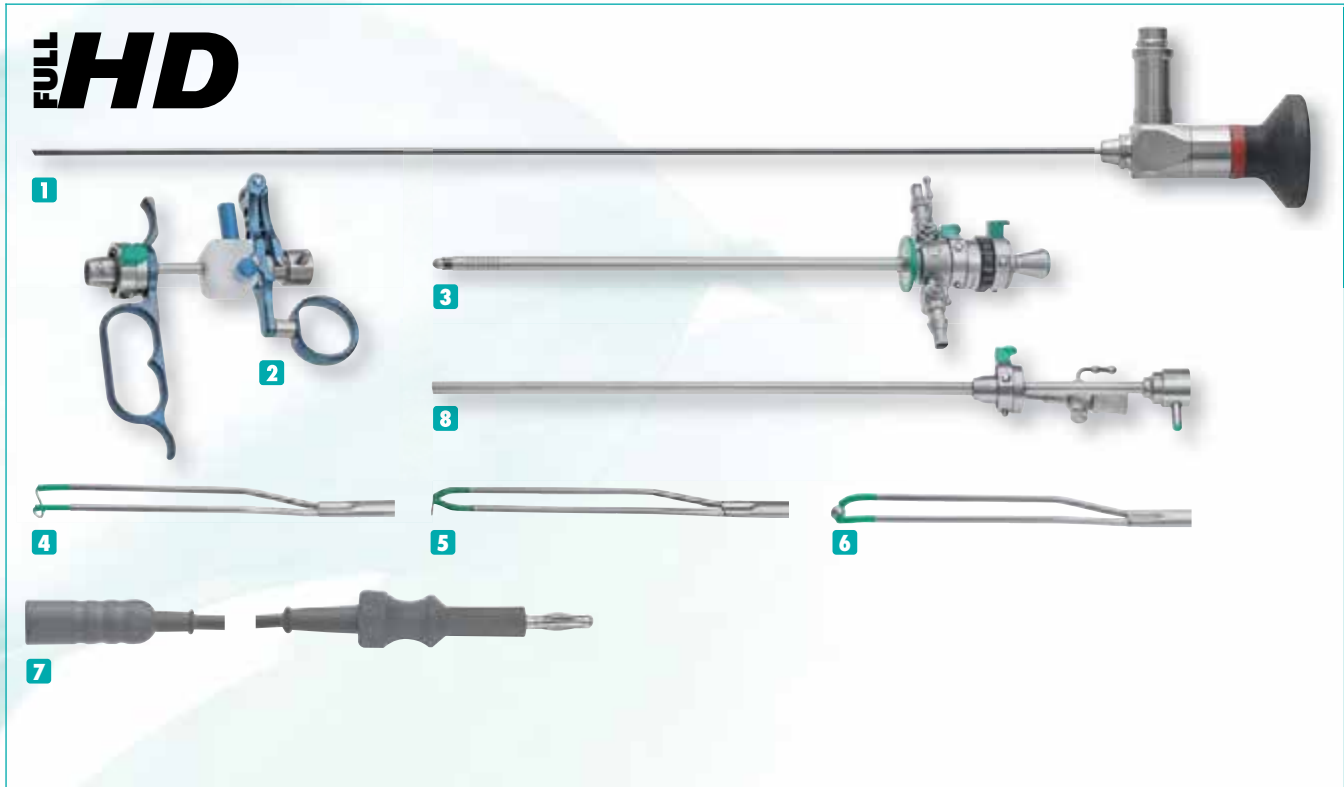
He works at the Humanitas Research Hospital (Milan) in the gynaecological department since 2009, and is actively developing new tools and technologies in the field of hysteroscopy in collaboration with RZ Medizintechnik since 2011.

Please contact our product specialist and clinical consultant for Hysteroscopy at: [Hysteroscopy@rz-medizintechnik.com](mailto:Hysteroscopy@rz-medizintechnik.com)

# FULL HD



	Article-No.	Description	Page	Qty.
<b>1</b>	351-829-030	Midi Hysteroscope, $\varnothing$ 2.9mm, 30°	10	1 pc.
<b>2</b>	351-400-143	Operating Sheath, 5Fr.	12	1 pc.
<b>3</b>	351-400-150	Outer Sheath, $\varnothing$ 5mm	12	1 pc.
<b>4</b>	351-905-105	Disposable Silicon Valve, package with 10 pcs.	48	1 pcs.
<b>5</b>	351-100-305	5 Fr. semi-rigid Scissors, blunt, 400mm working length	18	1 pc.
<b>6</b>	351-118-305	5 Fr. semi-rigid Scissors, sharp, 400mm working length	18	1 pc.
<b>7</b>	351-116-305	5 Fr. semi-rigid Grasping Forceps, 400mm working length	18	1 pc.
<b>8</b>	351-120-305	5 Fr. semi-rigid Biopsy Forceps, 400mm working length	18	1 pc.
<b>9</b>	351-117-305	5 Fr. semi-rigid Tenaculum Forceps, 400mm working length	18	1 pc.
<b>10</b>	351-126-305	5 Fr. semi-rigid Biopsy Punch Forceps, 400mm working length	18	1 pc.
<b>11</b>	351-125-105	5 Fr. Palpation Probe, 400mm working length	19	1 pc.
<b>12</b>	351-360-015	5 Fr. Bipolar Needle Electrode, 90°, 360mm working length	20	1 pc.
<b>13</b>	351-360-005	5 Fr. Bipolar Needle Electrode, straight, 360mm working length	20	1 pc.
<b>14</b>	351-370-105	5 Fr. Bipolar Ball Electrode, 360mm working length	20	1 pc.



	Article-No.	Description	Page	Qty.
<b>1</b>	351-829-030	Midi Hysteroscope, Ø 2.9mm, 30°	10	1 pc.
<b>2</b>	351-000-200	Passive Titanium Working Element	33	1 pc.
<b>3</b>	351-000-185	Resectoscope Continuous Flow Sheath, 18.5 Fr.	33	1 pc.
<b>4</b>	351-000-201	Cutting Loop Electrode	33	2 pcs.
<b>5</b>	351-000-203	Knife Electrode	33	1 pc.
<b>6</b>	351-000-205	Ball Electrode	33	1 pc.
<b>7</b>	253-610-004	4mm plug Monopolar Cable	21	1 pc.
<b>8</b>	351-000-180	Working Insert with channel for 5 Fr. Instruments	33	1 pc.



### FULL HD

	Article-No.	Description	Page	Qty.
<b>1</b>	351-829-030	Midi Hysteroscope, Ø 2.9mm, 30°	10	1 pc.
<b>2</b>	351-400-200	Passive Titanium Working Element	37	1 pc.
<b>3</b>	351-000-185	Resectoscope Continuous Flow Sheath, 18.5 Fr.	33	1 pc.
<b>4</b>	351-000-201	Cutting Loop Electrode	37	2 pcs.
<b>5</b>	351-000-203	Knife Electrode	37	1 pc.
<b>6</b>	351-000-205	Ball Electrode	37	1 pc.
<b>7</b>	253-400-603	4mm plug Monopolar Cable (Valleylab)	37	1 pc.
<b>8</b>	351-000-180	Working Insert with channel for 5 Fr. Instruments	33	1 pc.



**NaCl**

Electrodes designed for RZ HF unit 700-350-400 shown on pages 76-77. Optimized and fits excellent for RZ bipolar resection

### Hysteroscopy Equipment Set

351-900-906



	Article-No.	Description	Page	Qty.
<b>1</b>	351-100-200	Basic Irrigation Pump P1	62	1 pc.
<b>2</b>	300-001-800	HD Camera F3	64	1 pc.
<b>3</b>	300-001-813	TV-Coupler, f=14mm	69	1 pc.
<b>4</b>	300-010-219	TFT iLumen Radiance Monitor	78	1 pcs.
<b>5</b>	300-900-180	LUMEN LED 1 Light Source	72	1 pc.
<b>6</b>	250-035-230	XENON Light Cable, 2300mm	75	1 pc.
<b>7</b>	250-039-000	Adapter RZ/Storz	75	1 pc.
<b>8</b>	250-042-000	Adapter RZ/Storz/Olympus	75	1 pc.
<b>9</b>	300-001-999	RZ Trolley	-	1 pc.
<b>10</b>	700-350-400	Highfrequency Surgery Generator	76, 77	1 pc.



### Mini-Diagnostic Hysteroscope Set Ø 2mm

For many years Hysteroscopy was not the first choice procedure for Gynaecologists as instruments had a big diameter and a painful dilation of the cervical channel was necessary. Now, RZ Medizintechnik GmbH offers a Mini-Diagnostic Hysteroscope and Operative Set. Our real Hysteroscopes ensure a long life-time of smallest endoscopes, making Hysteroscopy a fast, safe and cost-effective procedure in Gynaecology.



# FULL HD

Mini-Hysteroscope, Ø 2.0mm, working length: 260mm, overall length: 315mm

- 351-720-000 0°
- 351-720-030 30°

Diagnostic sheath for 2.0mm Hysteroscope, including obturator, Ø 2.9mm, working length: 228mm

- 351-720-200 1:1 for 0° Hysteroscope
- 351-720-300 1:1 for 30° Hysteroscope

Diagnostic sheath for 2.0mm Hysteroscope, including obturator, recommended for CO<sub>2</sub> gas dilation, Ø 2.9mm, working length: 228mm

- 351-720-800 1:1 for 0° Hysteroscope
- 351-720-900 1:1 for 30° Hysteroscope

Continuous-Flow Mini Diagnostic sheaths without working channel



351-720-500 Diagnostic sheath, Ø 2.9mm, 218mm working length, with inflow stopcock, including obturator, for use with outer sheath 351-720-600 and Mini Hysteroscope 351-720-030

351-720-600 Outer sheath, Ø 3.7mm, 200mm working length, with outflow stopcock, for use with diagnostic sheath 351-720-500



Continuous-Flow Mini Operating sheaths with working channel



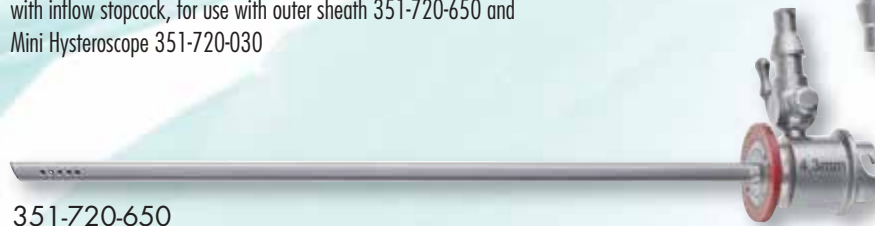
351-720-550

Operating sheath, with working channel for use with 5 Fr. instruments, with inflow stopcock, for use with outer sheath 351-720-650 and Mini Hysteroscope 351-720-030



351-720-650

Outer sheath, Ø 4.3mm, oval shape, 192mm working length, with outflow stopcock, for use with operating sheath 351-720-550



351-400-100

Handle only, for use with Compact Continuous Flow Sheath 351-400-040 and 351-400-055

351-400-040

Compact Continuous-Flow sheath, Ø 4.3mm, oval shape, working length: 170mm, with working channel for use with 5 Fr. instruments and 2 stopcocks for inflow and outflow, for use with Mini Hysteroscope 351-720-030

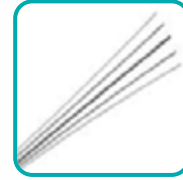
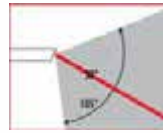
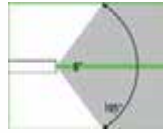


# Ø 2mm



## Midi Hysteroscope Set ∅ 2.9mm

### Semi-flexible Fiber Midi Hysteroscopes

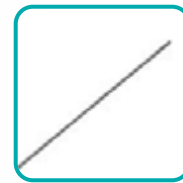
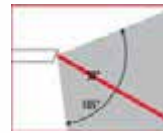
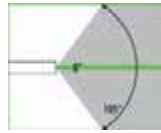


351-829-100 Midi Hysteroscope, ∅ 2.9mm, 0° direction of view, 300mm working length, overall length: 355mm

351-829-130 Midi Hysteroscope, ∅ 2.9mm, 30° direction of view, 300mm working length, overall length: 355mm

### FULL HD

### Rigid Rod Lens Midi Hysteroscopes



351-829-000 Midi Hysteroscope, ∅ 2.9mm, 0° direction of view, 300mm working length, overall length: 355mm

351-829-030 Midi Hysteroscope, ∅ 2.9mm, 30° direction of view, 300mm working length, overall length: 355mm

### Midi diagnostic sheaths

351-230-040

Diagnostic sheath, ∅ 4.0mm, 270mm working length, with rotating stopcock, including obturator and distance holder, for use with 351-829-030 or 351-829-130

Diagnostic Sheath, ∅ 4.0mm, 270mm working length, with rotating stopcock, including obturator

351-300-040 for 0° Hysteroscope

351-330-040 for 30° Hysteroscope

Diagnostic Sheath, ∅ 4.0mm, 270mm working length, with fixed stopcock, including obturator, recommended for CO<sub>2</sub> gas dilation

351-500-040 for 0° Hysteroscope

351-530-040 for 30° Hysteroscope

## Continuous-Flow Midi Diagnostic sheaths without working channel



351-300-037

Diagnostic sheath, Ø 4.0mm, 267mm working length, with inflow stopcock, including obturator, for use with outer sheath 351-300-050 and Midi Hysteroscope 351-829-030 or 351-829-130

351-300-045 Ø 4.5mm

351-300-050 Ø 5.0mm

Outer sheath, 240mm working length, with outflow stopcock, for use with diagnostic sheath 351-300-037

## Midi Operating sheath with working channel



351-400-037

Operating sheath, with working channel for use with 5 Fr. instruments, Ø 5mm, pear-shaped shaft, 248mm working length, with inflow and outflow stopcock, for use with 351-829-030 or 351-829-130

# Ø 2.9mm



Continuous-Flow Midi Operating sheaths with working channel

192mm working length



351-400-043

Operating sheath, with working channel for use with 5 Fr. instruments, with inflow stopcock, for use with outer sheath 351-400-050 and Midi Hysteroscope 351-829-030 or 351-829-130



351-400-050

Outer sheath, Ø 5.0mm, pear-shaped shaft, 192mm working length, with outflow stopcock, for use with operating sheath 351-400-043

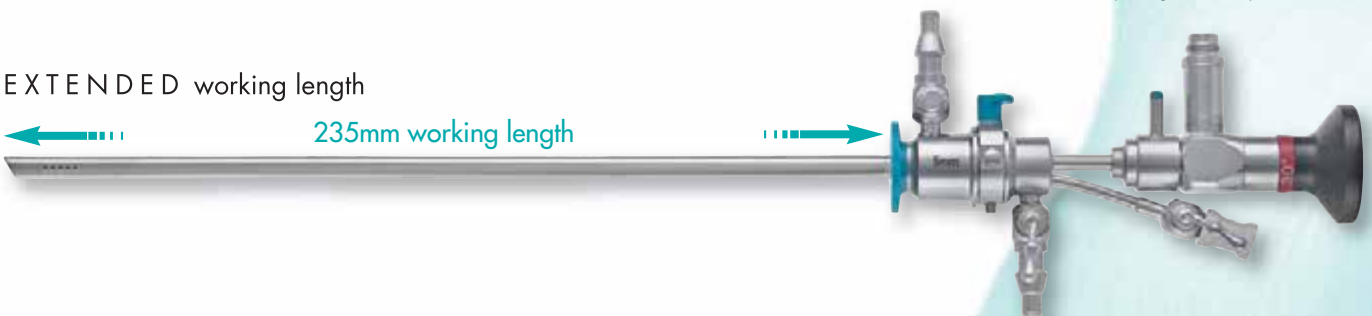


351-905-105

Disposable Silicone Valve with LuerLock connection for use with 3 - 10Fr. instruments sterile packed, package with 10 pieces

EXTENDED working length

235mm working length



351-400-143

Operating sheath, with working channel for use with 5 Fr. instruments, with inflow stopcock, for use with outer sheath 351-400-150 and Midi Hysteroscope 351-829-030 or 351-829-130



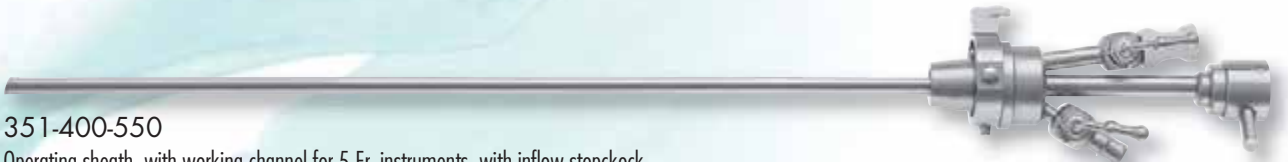
351-400-150

Outer sheath, Ø 5.0mm, pear-shaped shaft, 235mm working length, with outflow stopcock, for use with operating sheath 351-400-143



351-400-500

Outer sheath, Ø 5.5mm, 182mm working length, with rotating outflow stopcock, for use with operating sheath 351-400-500



351-400-550

Operating sheath, with working channel for 5 Fr. instruments, with inflow stopcock, for use with outer sheath 351-400-500 and Midi Hysteroscope 351-829-030 or 351-829-130

Continuous-Flow Midi Operating sheaths with 2 working channels



351-400-650

Outer sheath, Ø 6.5mm, 210mm working length, with inflow and outflow stopcock, for use with operating sheath 351-400-700

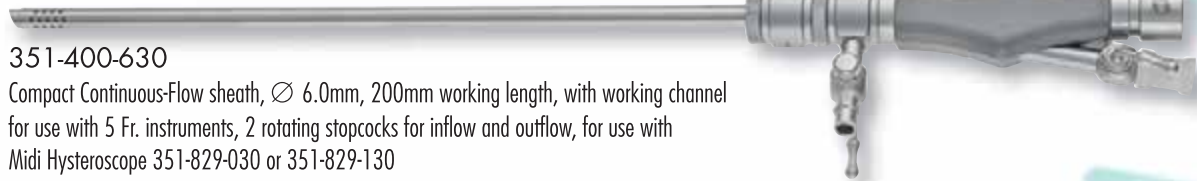
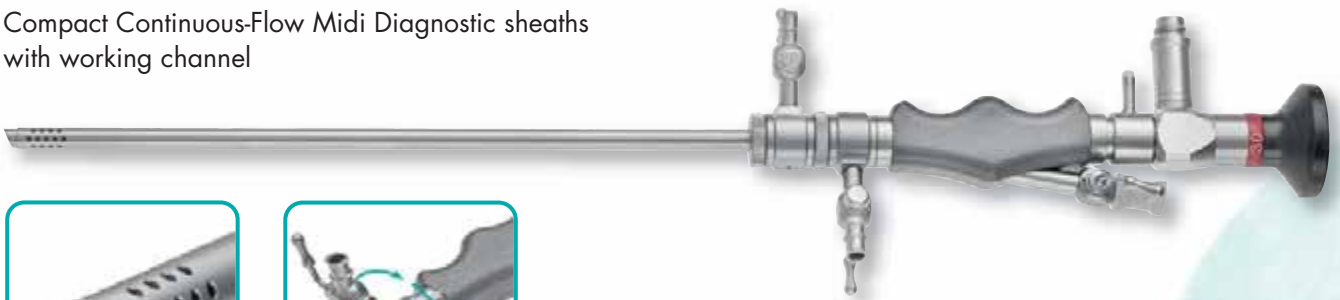


351-400-700

Operating sheath, with 2 working channel for 5 Fr. instruments, for use with outer sheath 351-400-650 and Midi Hysteroscope 351-829-030 or 351-829-130

Ø 2.9mm

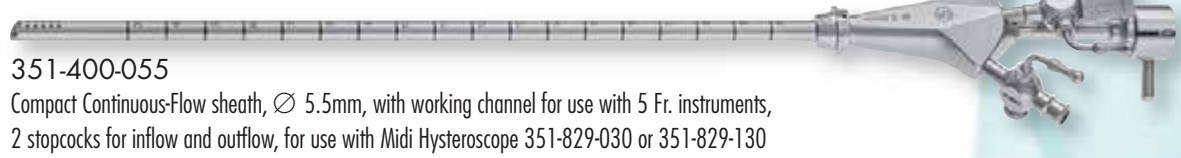
Compact Continuous-Flow Midi Diagnostic sheaths with working channel



351-400-630  
Compact Continuous-Flow sheath, Ø 6.0mm, 200mm working length, with working channel for use with 5 Fr. instruments, 2 rotating stopcocks for inflow and outflow, for use with Midi Hysteroscope 351-829-030 or 351-829-130



351-400-100  
Handle only, for use with Compact Continuous Flow Sheath 351-400-040 and 351-400-055



351-400-055  
Compact Continuous-Flow sheath, Ø 5.5mm, with working channel for use with 5 Fr. instruments, 2 stopcocks for inflow and outflow, for use with Midi Hysteroscope 351-829-030 or 351-829-130

# Ø 2.9mm



# 4mm DIAGNOSTIC

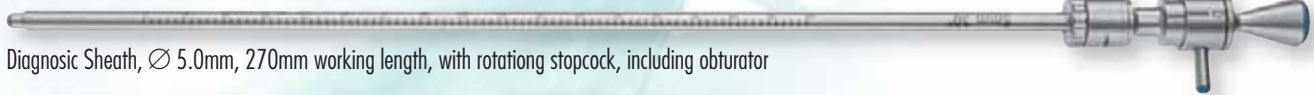
∅ 4mm Diagnostic Hysteroscope



Hysteroscopes, ∅ 4.0mm, 300mm working length, overall length: 355mm

351-804-000 0°

351-804-030 30°



Diagnostic Sheath, ∅ 5.0mm, 270mm working length, with rotating stopcock, including obturator



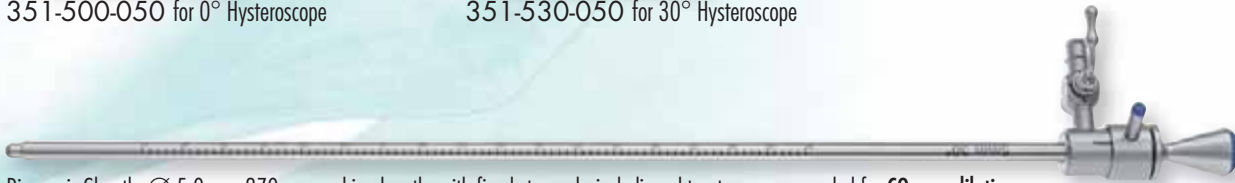
1:1

351-500-050 for 0° Hysteroscope



1:1

351-530-050 for 30° Hysteroscope



Diagnostic Sheath, ∅ 5.0mm, 270mm working length, with fixed stopcock, including obturator, recommended for CO<sub>2</sub> gas dilation



1:1

351-600-050 for 0° Hysteroscope

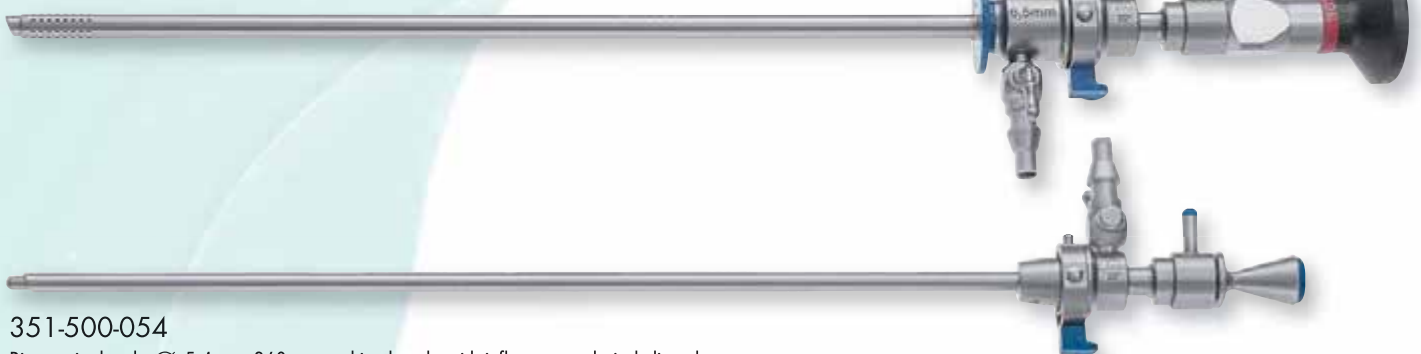


1:1

351-630-050 for 30° Hysteroscope

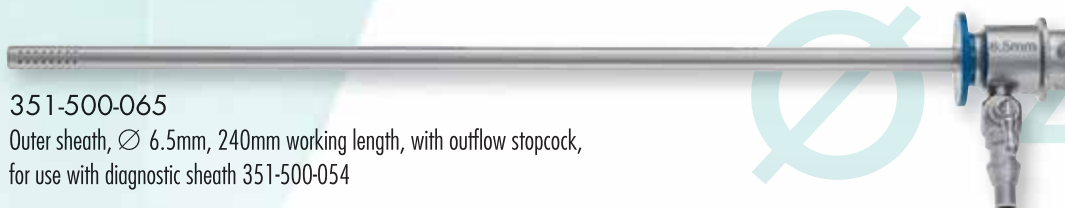


Continuous-Flow Diagnostic sheaths without working channel



351-500-054

Diagnostic sheath, ∅ 5.4mm, 260mm working length, with inflow stopcock, including obturator, for use with outer sheath 351-500-065 and Hysteroscope 351-804-030



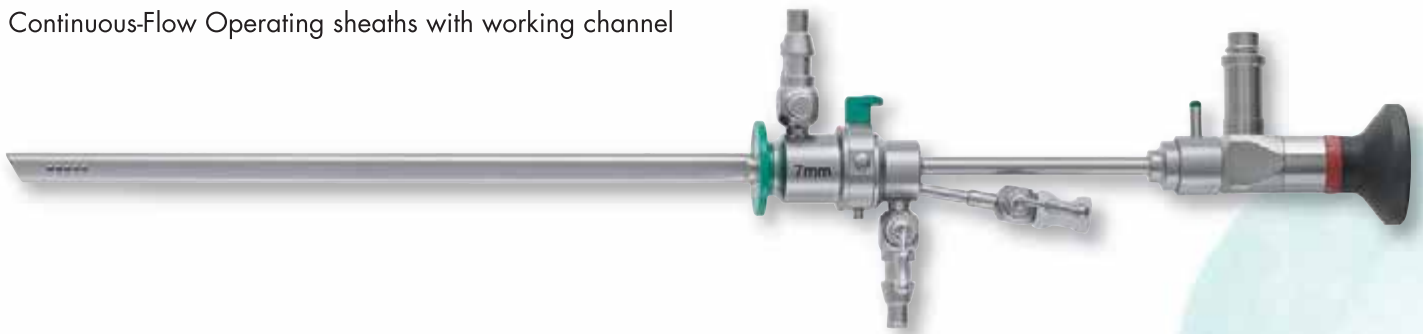
351-500-065

Outer sheath, ∅ 6.5mm, 240mm working length, with outflow stopcock, for use with diagnostic sheath 351-500-054

# ∅ 4mm

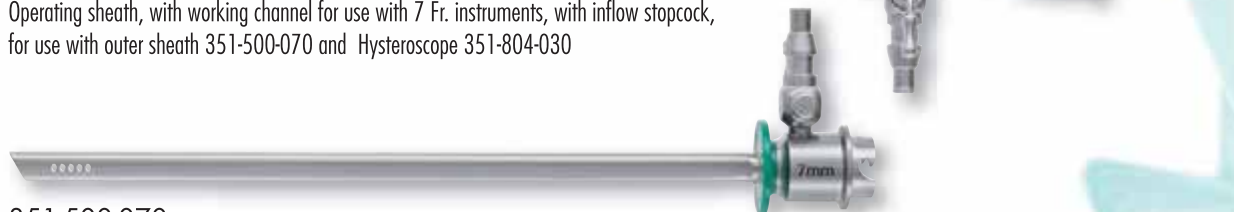


Continuous-Flow Operating sheaths with working channel



**351-500-170**

Operating sheath, with working channel for use with 7 Fr. instruments, with inflow stopcock, for use with outer sheath 351-500-070 and Hysteroscope 351-804-030



**351-500-070**

Outer sheath, ∅ 7.0mm, pear-shaped shaft, 192mm working length, with outflow stopcock, for use with operating sheath 351-500-170



**351-500-160**

Operating sheath, with working channel for use with 5 Fr. instruments, with inflow stopcock, for use with outer sheath 351-500-060 and Hysteroscope 351-804-030



**351-500-060**

Outer sheath, ∅ 6.5mm, pear-shaped shaft, 192mm working length, with outflow stopcock, for use with operating sheath 351-500-160



# ∅ 4mm



# HYSTEROSCOPE

Compact  
Hysteroscope

**FULL HD**

351-200-100

Compact Operating Hysteroscope, 5° direction of view, with 6 Fr. working channel, 200mm working length. With 2 lateral suction-irrigation connections and 2 working channels for semi-rigid and flexible accessories.



351-905-500

Silicone Valve Adaptor for RZ Uretero-Renoscope working channels



351-905-400

Silicone Valve, package with 5 pieces

- Distal Tip: 3.0mm
- Conical distal sheath: 2.9 x 4.0 mm
- Round proximal sheath:  $\varnothing$  4.4mm
- Working channel: 6 Fr. for use with 5 Fr. instruments

## Features and Benefits of the RZ Compact Hysteroscopes

- Full HD 50.000 Pixel Fiber System for brilliant picture quality
- Semi-flexible shaft
- Atraumatic Tip Design for easy introduction
- Soft-step tapered shaft for atraumatic dilation
- Silicone valve system with 2 parallel sealings for leakage-free working channels
- 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



Tapered shaft



50.000 Pixel Fiber System

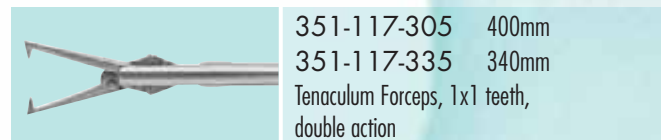
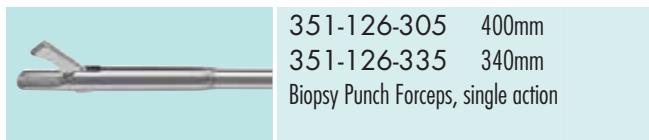
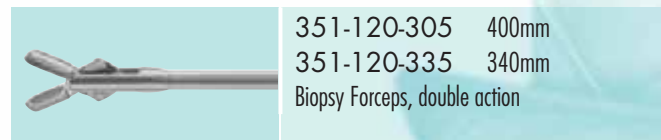
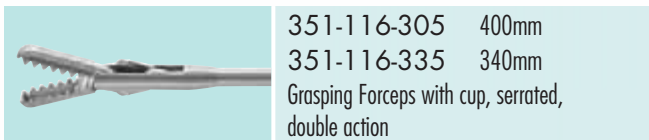
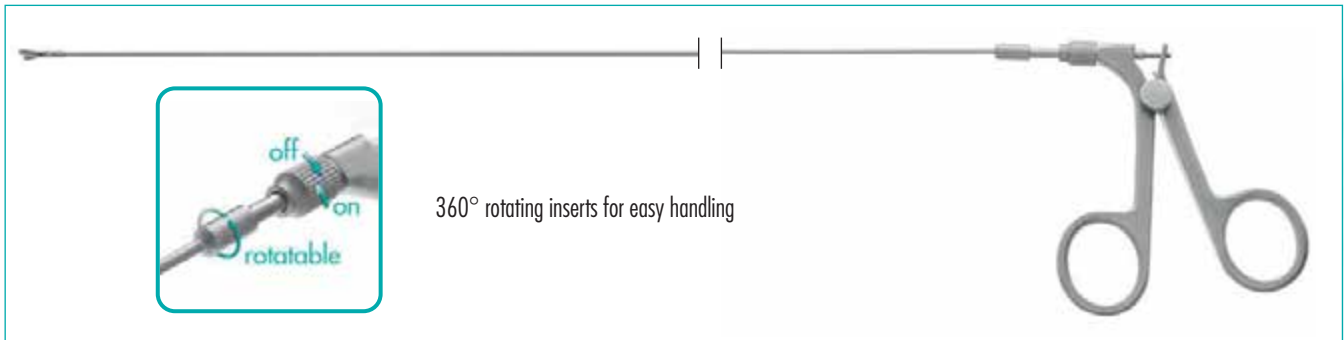


Atraumatic Tip Design

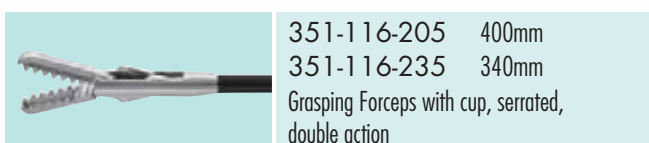
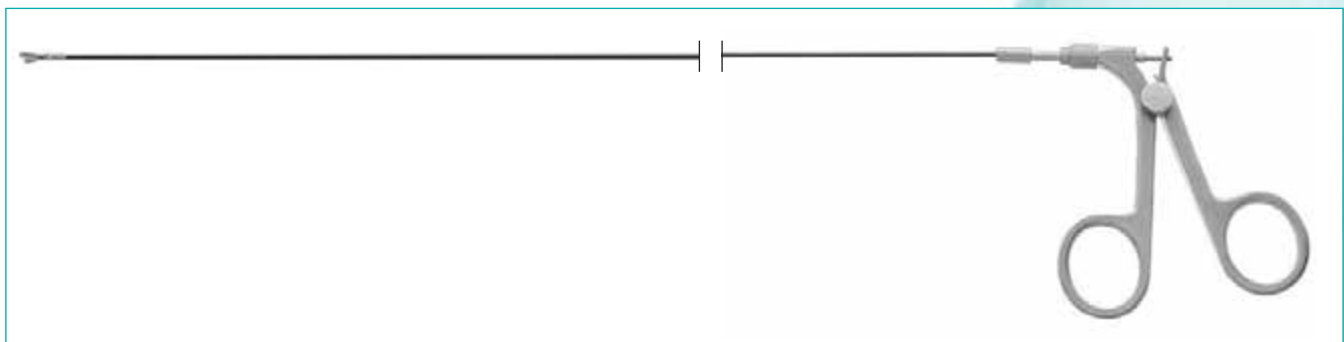


$\varnothing$  4mm

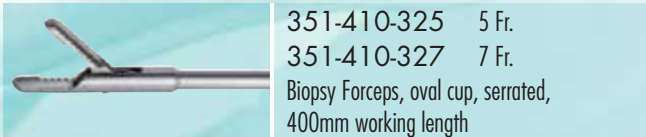
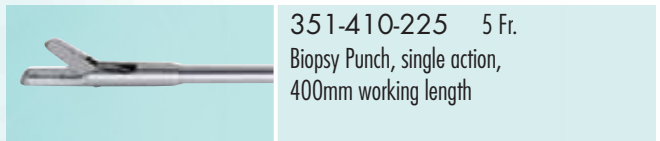
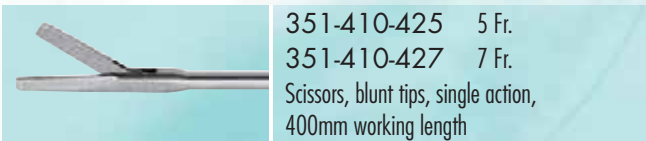
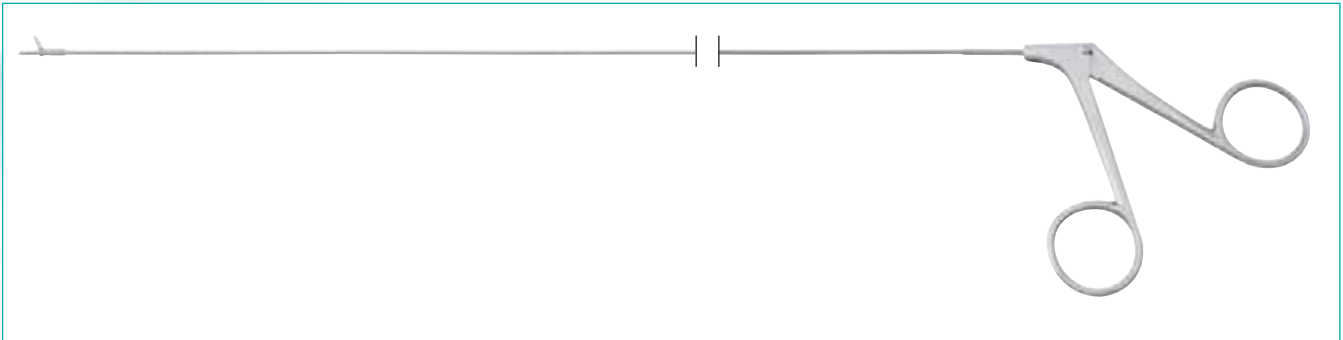
### 5 Fr. Semi-Rigid Hysteroscopy Instruments



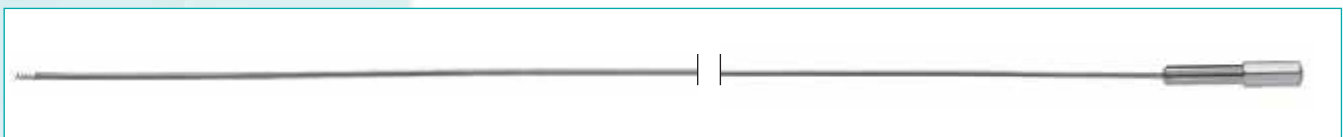
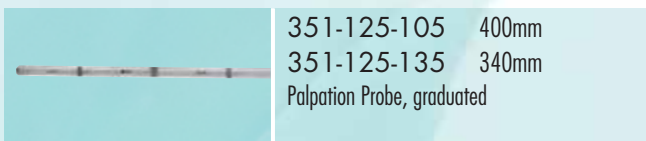
### 5 Fr. flexible insulated Hysteroscopy Instruments



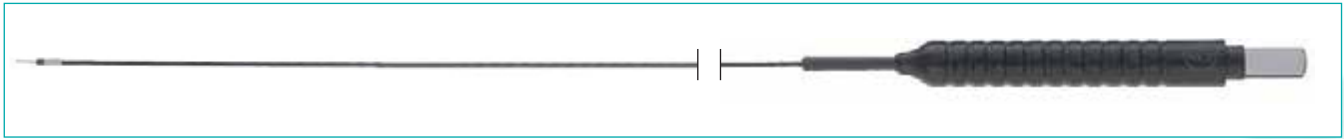
## 5 Fr. and 7 Fr. Semi-Rigid Hysteroscopy Instruments





## 5 Fr. Hexagonal Handle Hysteroscopy Instruments




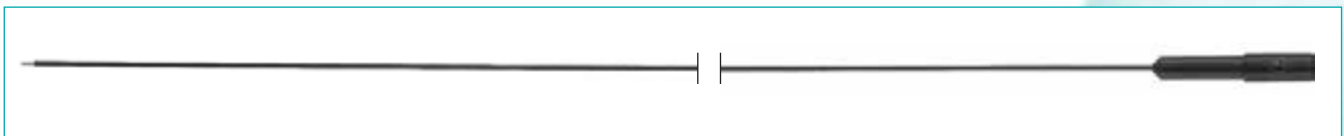
### 5 Fr. Hysteroscopy Electrodes



	<p><b>351-360-005</b> Bipolar Needle Electrode, straight tip, 360mm working length</p>
---	--


	<p><b>351-370-105</b> Bipolar Ball Electrode, 360mm working length</p>
--	--

	<p><b>351-360-015</b> Bipolar Needle Electrode, 90° angled tip, 360mm working length</p>
--	--



	<p><b>351-380-360</b> Monopolar Needle Electrode, 360mm working length</p>
---	--

	<p><b>351-385-360</b> Monopolar Ball Electrode, 360mm working length</p>
--	--

	<p><b>253-570-005</b> Polypectomy Snare, 340mm working length</p>
---	---

### BIPOLAR CABLES



Generator end



2-Banana \*



Erbe



Martin, Aesculap  
Berchtold

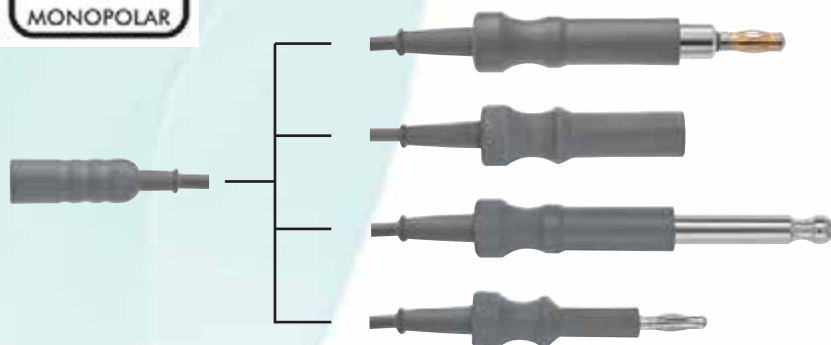


Valleylab  
Lamidey, EMC

	Flat plug	Flat plug, angled	Flat plug, square
3m	700-350-030	300-860-100	700-350-130
5m	700-350-050	300-860-111	700-350-150
3m	700-101-001	700-100-130	700-101-130
5m	700-100-101	700-100-150	700-101-150
3m	700-287-030	700-200-130	700-287-130
5m	700-287-050	700-200-150	700-287-150
3m	700-351-031	700-300-003	700-351-131
5m	700-351-051	700-300-005	700-351-151

\* Not available with CE marking within Europe

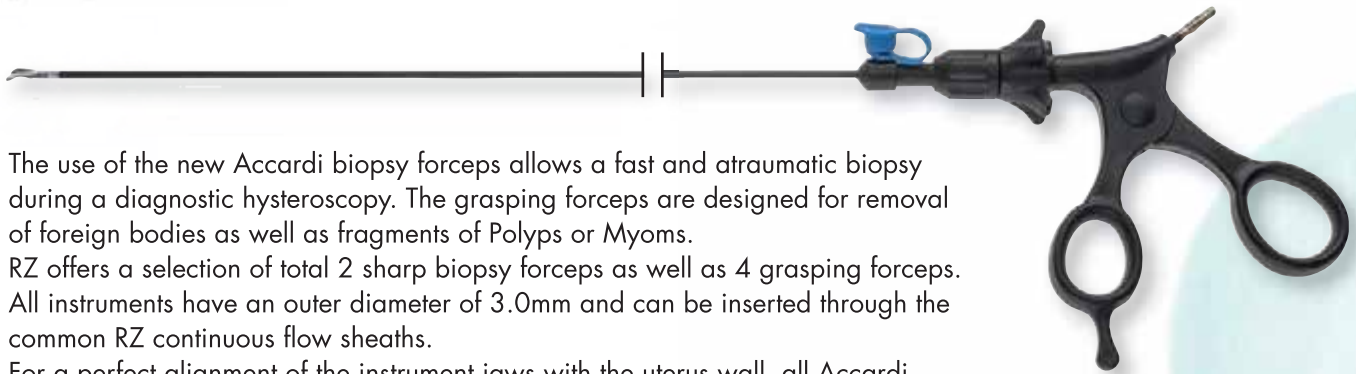
### MONOPOLAR CABLES



- 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



## Hysteroscopy Micro Instruments

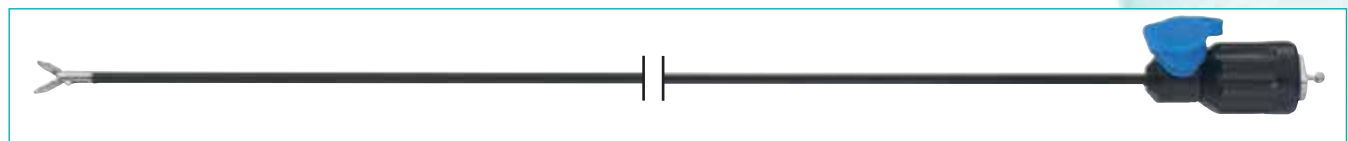


The use of the new Accardi biopsy forceps allows a fast and atraumatic biopsy during a diagnostic hysteroscopy. The grasping forceps are designed for removal of foreign bodies as well as fragments of Polyps or Myoms.

RZ offers a selection of total 2 sharp biopsy forceps as well as 4 grasping forceps. All instruments have an outer diameter of 3.0mm and can be inserted through the common RZ continuous flow sheaths.

For a perfect alignment of the instrument jaws with the uterus wall, all Accardi Forceps feature a 360° rotation.

A large-scale trauma such as when using a Novak cannula or Kevorkian curette is excluded because the entire instrument is performed through the hysteroscope sheath. In this simple and safe intervention several tissue samples can be taken which are well tolerated by the patient because the trauma is limited exclusively to the area of tissue removal.



Cup working parts, 330mm working length



300-503-082  
Biopsy Cup Forceps, sharp,  
oval cups, double action



300-503-080  
Biopsy Cup Forceps, sharp,  
oval cups, 2 pins, double action





Grasping working parts, 330mm working length



300-503-731  
**Maryland** fine Dissector, serrated, curved, conical, double action



300-503-710  
Claw Grasper Forceps, 2x3 teeth, smooth, single action



300-503-052  
Atraumatic Forceps, serrated, fenestrated, double action



300-503-021  
**Dolphin** Dissection Forceps fine serrated, double action



## Handle options



300-750-101  
Carbon Fiber Handle



300-750-105  
Carbon Fiber Handle

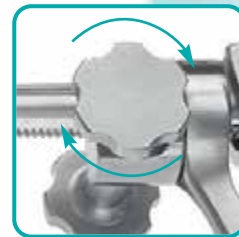
## DR. ACCARDI INSTRUMENTS Optical Biopsy Forceps

For many years, it is the desire of gynecologists to take large biopsies in an atraumatic hysteroscopic procedure. The very fine 5 Fr instruments are not always the best choice because the amount of removed tissue is usually not enough for a correct histopathological diagnosis.

In collaboration with renowned doctors RZ Medizintechnik GmbH has managed to develop a small, cost-effective and easy-to-use instrument set which fulfills all desires of an atraumatic tissue biopsy under direct vision in the uterine cavity.

The Accardi optical biopsy forceps is the core instrument of the set. In combination with a 2.0mm telescope the 2.7mm x 3.3mm large Accardi biopsy forceps will be inserted through an outer hysteroscope sheath into the uterus cavity. The special deflecting mechanism can adjust the position of the biopsy forceps inside the cavity - an extended working radius can be covered.

A large-scale trauma such as when using a Novak cannula or Kevorkian curette is excluded because the entire instrument is performed through the hysteroscope sheath. In this simple and safe intervention several tissue samples can be taken which are well tolerated by the patient because the trauma is limited exclusively to the area of tissue removal.



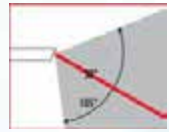
Jaw can be lowered and retracted (continuously variable)

- First optical biopsy forceps for Hysteroscopy
- Large 2.7 x 3.3mm jaw
- Limited trauma, exclusively for the area of tissue removal

## Accardi Optical Biopsy Set Recommendation

351-500-000

Accardi Optical Biopsy Forceps with deflecting jaw



**FULL HD**

351-820-030

Mini Hysteroscope, 2.0mm, 30° direction of view, 300mm working length, overall length: 355mm

Recommended for use with following sheaths:

351-300-050

Page 11

351-400-050

Page 12

351-400-150

Page 12

351-400-500

Page 13

351-500-065

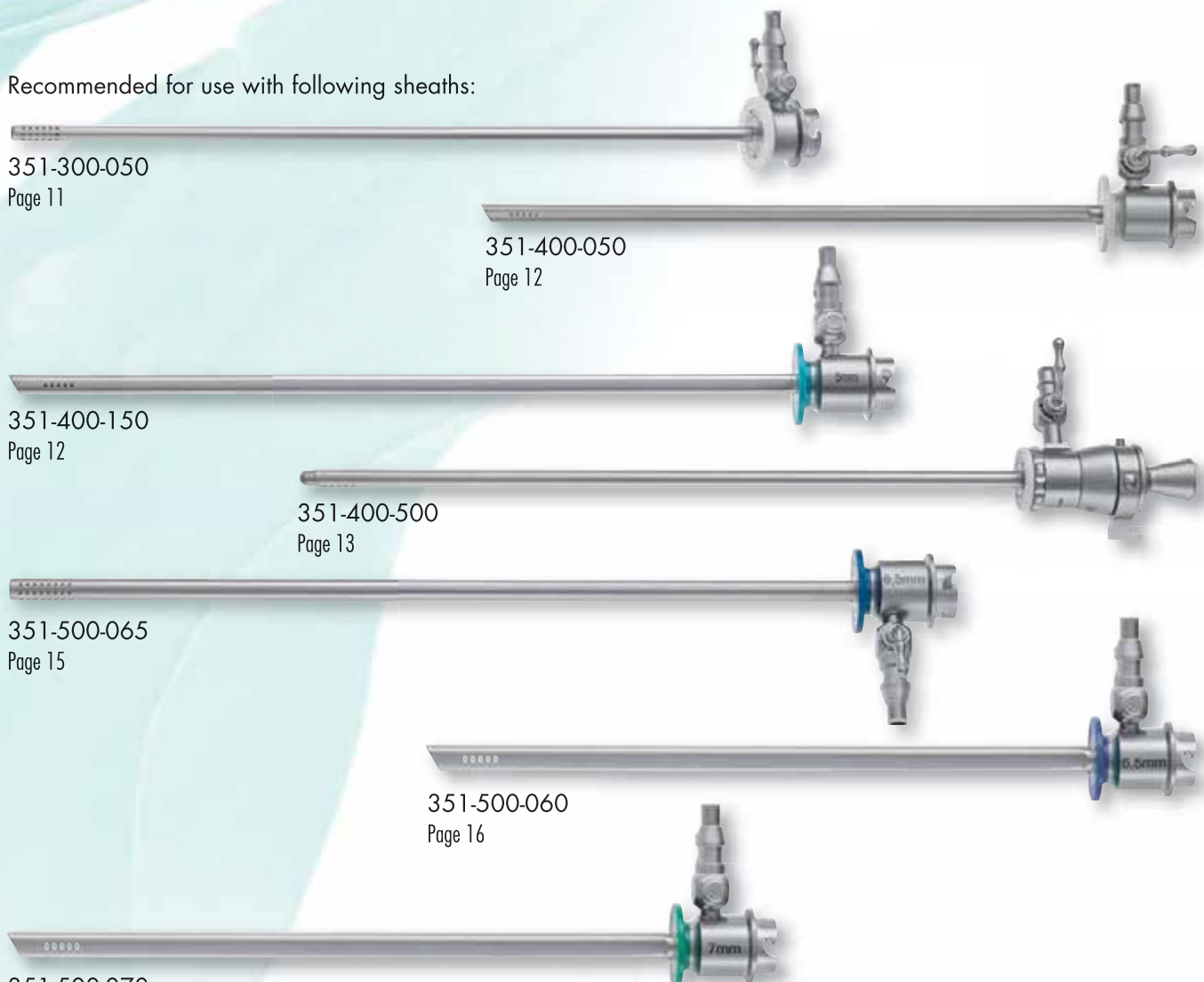
Page 15

351-500-060

Page 16

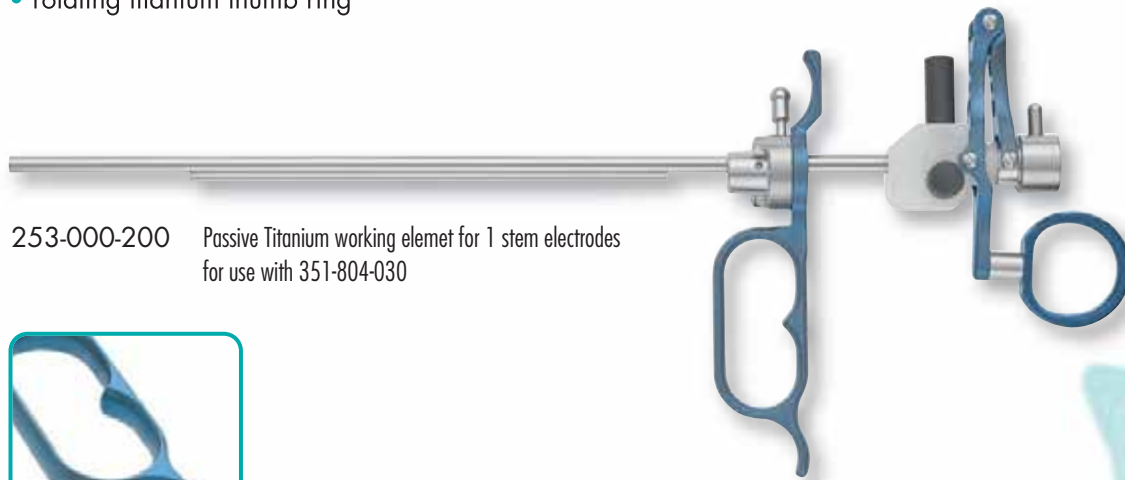
351-500-070

Page 16



### RZ working elements features

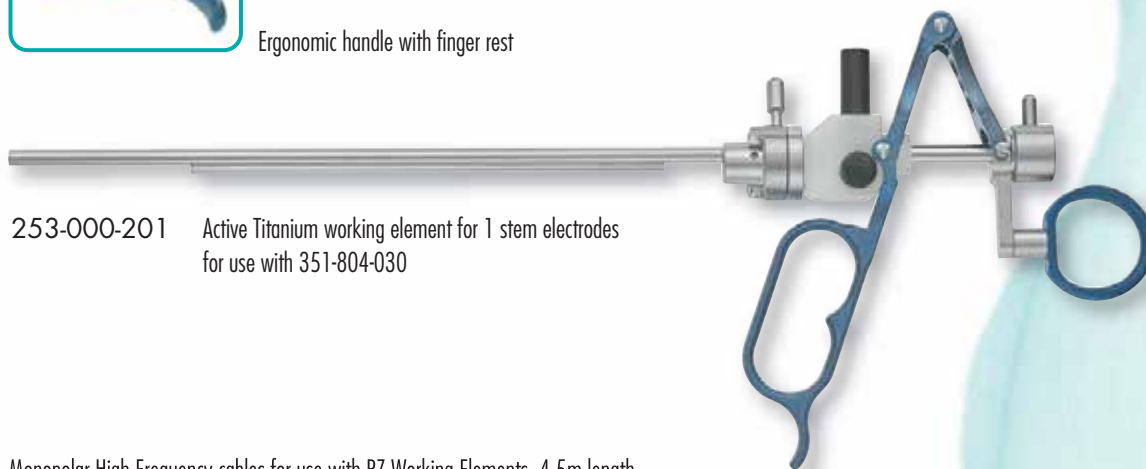
- lightweight and unique design for maximum comfort during long surgeries
- titanium handle parts
- sealed locking mechanism
- ergonomic handle design with finger rest for maximum comfort even on long surgeries
- rotating titanium thumb ring



253-000-200 Passive Titanium working element for 1 stem electrodes for use with 351-804-030

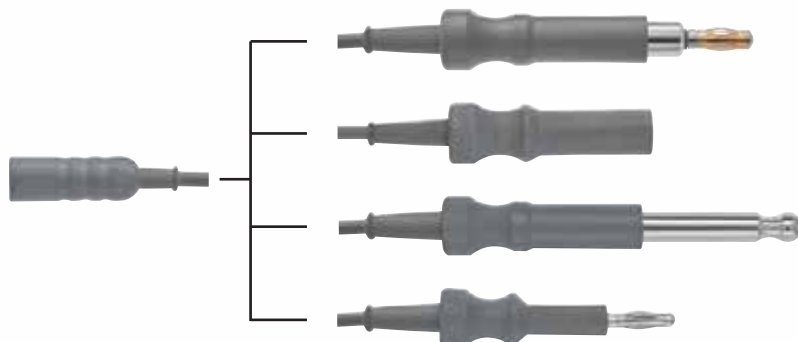


Ergonomic handle with finger rest



253-000-201 Active Titanium working element for 1 stem electrodes for use with 351-804-030

### 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  $\varnothing$ .  
 Different wire diameters are available on demand.  
 Electrodes and Curette with 1 guide stem and stabilizer.

		24 Fr.	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 $\varnothing$	253-300-205	253-300-305
	Coagulation Electrode, ball shape, 5 mm $\varnothing$	253-300-206	253-300-306
	Coagulation Electrode, roller shape, 3 mm $\varnothing$	253-300-207	253-300-307
	Coagulation Electrode, roller shape, 5 mm $\varnothing$	253-300-208	253-300-308
	Spike-Electrode, 5 mm $\varnothing$	253-300-209	253-300-309
	Spike Electrode, 3 mm $\varnothing$	253-300-210	253-300-310

	Colour	24 Fr.	27 Charr
		253-300-211	253-300-311
		253-300-212	253-300-312
		253-300-213	
		253-300-214	
		253-300-215	
		253-300-224	
		253-300-226	
		253-300-218	
		253-300-220	
		253-300-219	



# STERILE ELECTRODES








Sterile  
Electrodes

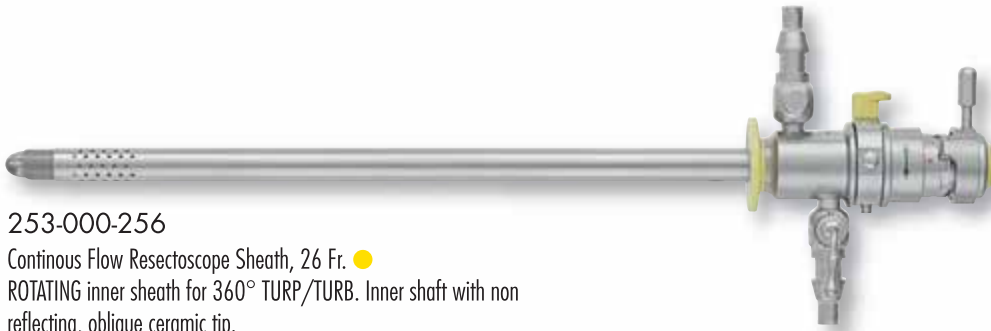


Sterile Electrodes are ETO sterilized to eliminate infections and contaminations. Our disposables ensure the best possible working features on every operation.

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

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

	Colour	24 Fr.	27 Charr
		253-300-201S	253-300-301S
		253-300-203S	253-300-303S
		253-300-205S	253-300-305S
		253-300-206S	253-300-306S
		253-300-211S	
		253-300-212S	
		253-300-213S	



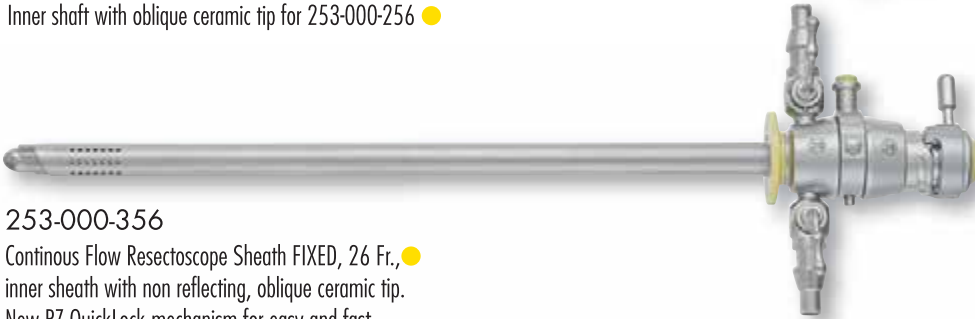
253-000-256

Continuous Flow Resectoscope Sheath, 26 Fr. ●  
 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.



253-000-266

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



253-000-356

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



253-000-366

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



253-000-084

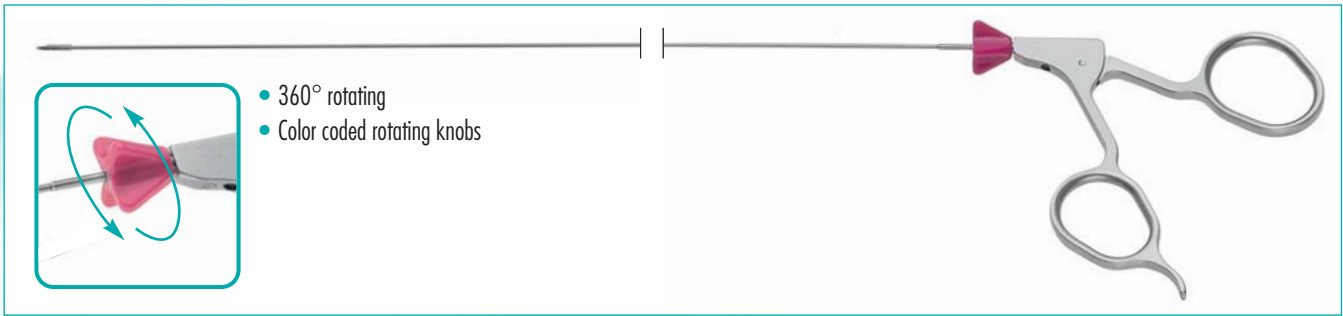
Visual Obturator for 24/26 Fr. Resectoscope Sheaths  
 and 4mm RZ Cystoscopes



253-000-094

Visual Obturator with 5 Fr. working channel  
 for 24/26 Fr. Resectoscope Sheaths and  
 4mm RZ Cystoscopes

### 5 Fr. semi-rigid Hysteroscopy Instruments



351-100-305 400mm  
351-100-335 340mm  
Scissors, blunt tips, single action



351-118-305 400mm  
351-118-335 340mm  
Scissors, sharp tips, single action



351-126-305 400mm  
351-126-335 340mm  
Biopsy Punch Forceps, single action



351-116-305 400mm  
351-116-335 340mm  
Grasping Forceps with cup, serrated, double action



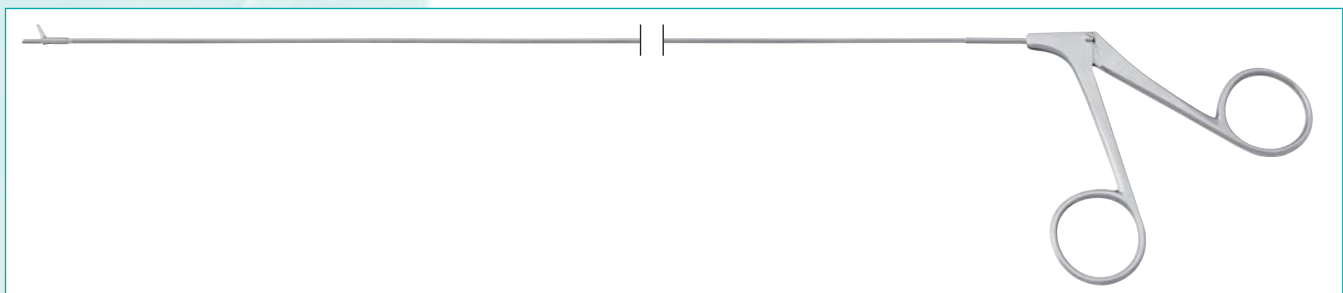
351-117-305 400mm  
351-117-335 340mm  
Tenaculum Forceps, 1x1 teeth, double action



351-120-305 400mm  
351-120-335 340mm  
Biopsy Forceps, double action



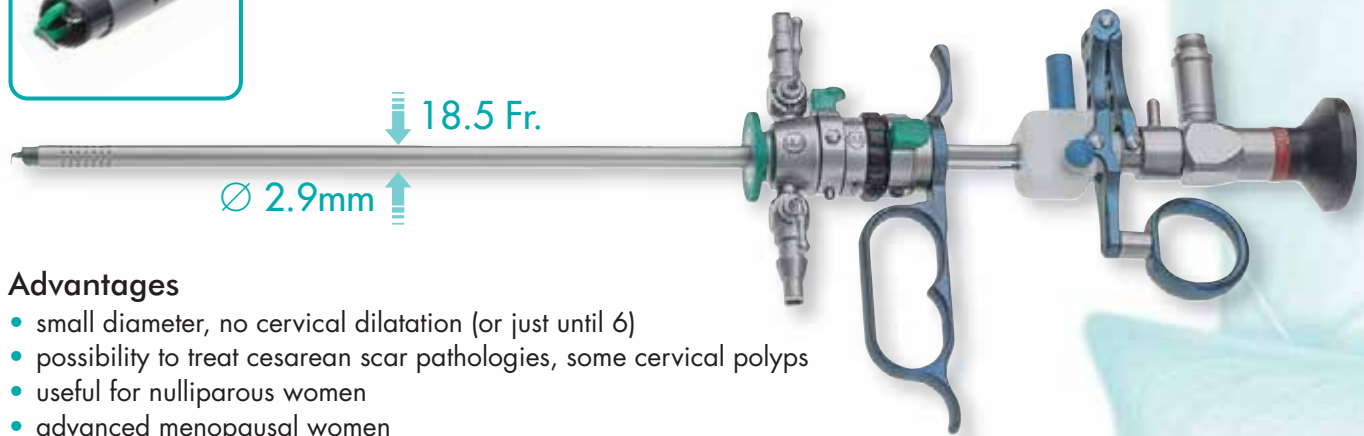
### 5 Fr. / 7Fr. Hysteroscopy Instruments, semi-rigid



253-410-325 5 Fr.  
253-410-327 7 Fr.  
Biopsy Cup Forceps, oval cup, serrated

## Piccolo mono Resectoscope Set

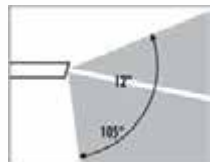
The new Piccolo monopolar resectoscope with an outer diameter of only 6 mm got specially designed for Hysteroscopic surgeries and can be used with 12° or 30° RZ Hysteroscopes with  $\varnothing$  2.9mm. The slim dimensions are ideal for fine and accurate resections. Due to the remarkable reduced space required, the intrauterine pressure can be kept low. Less fluid consumption and leaking is the result.



### Advantages

- small diameter, no cervical dilatation (or just until 6)
- possibility to treat cesarean scar pathologies, some cervical polyps
- useful for nulliparous women
- advanced menopausal women
- tamoxifene/gn-rh patients
- cervical stenosi in general;
- suspected endometrial and cervical cancer

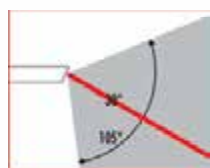
### Rigid Rod Lens Hysteroscopes



351-829-012 Hysteroscope,  $\varnothing$  2.9mm, 12° direction of view, 300mm working length, overall length: 355mm



**FULL HD**



351-829-030 Hysteroscope,  $\varnothing$  2.9mm, 30° direction of view, 300mm working length, overall length: 355mm





351-000-200  
Passive Titanium Working Element for Piccolo Resectoscope



351-000-300  
Active Titanium Working Element for Piccolo Resectoscope



351-000-185  
Resectoscope Continuous Flow Sheath, 18.5 Fr.,  
with rotating sheath, incl. obturator, with QuickLock



351-000-180  
Working Insert with channel for 5 Fr. Instruments  
For use with Resectoscope Sheath 351-000-185

### 16 Fr. Electrodes



351-000-201

Cutting loop



351-000-203

Knife Electrode



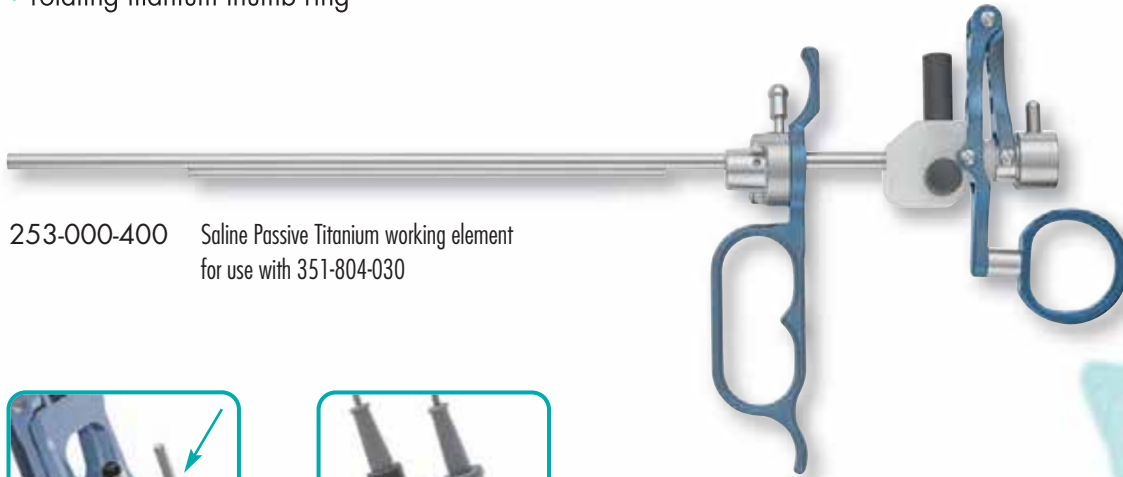
351-000-205

Ball Electrode

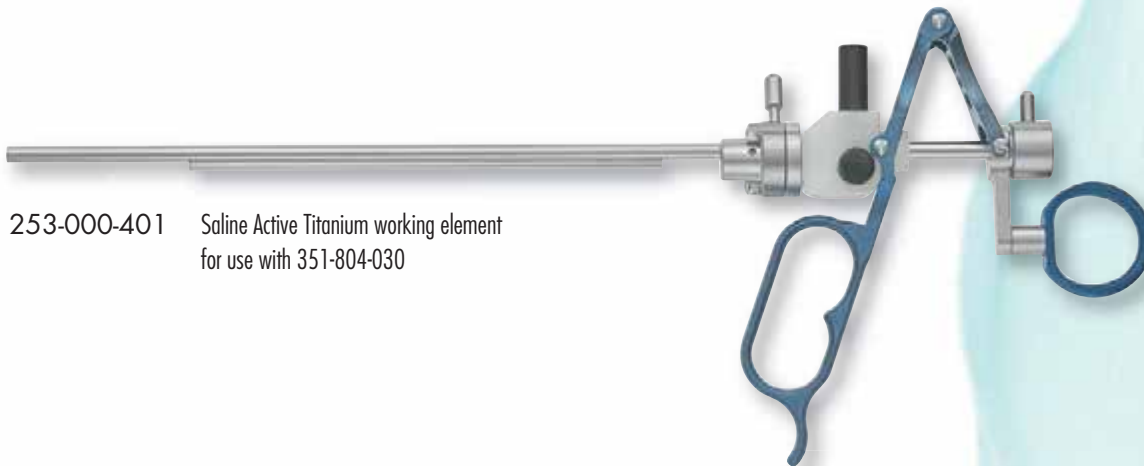
### **NaCl**

RZ saline 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



253-000-400 Saline Passive Titanium working element for use with 351-804-030



253-000-401 Saline Active Titanium working element for use with 351-804-030







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



24 Fr. Electrodes Designed for RZ HF unit 700-350-400 shown on pages 76-77. Optimized and fits excellent for RZ bipolar resection



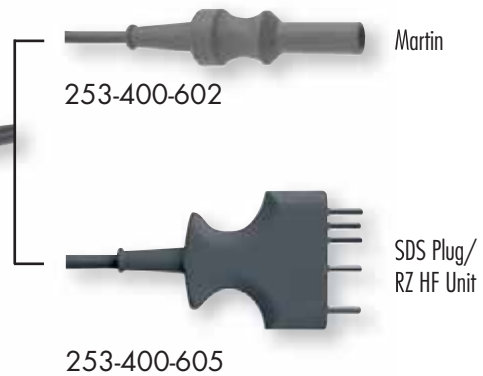
-  253-400-201 Bipolar Cutting Loop, angled, for 12°/30° telescope
-  253-400-202 Bipolar Cutting Loop, thick wire, angled, for 12°/30° telescope
-  253-400-204 Bipolar Coagulation Electrode, conical
-  253-400-211 Bipolar Roller-Electrode,  $\varnothing$  3mm

Saline Resectoscope Cable



RZ / Wolf

Generator end



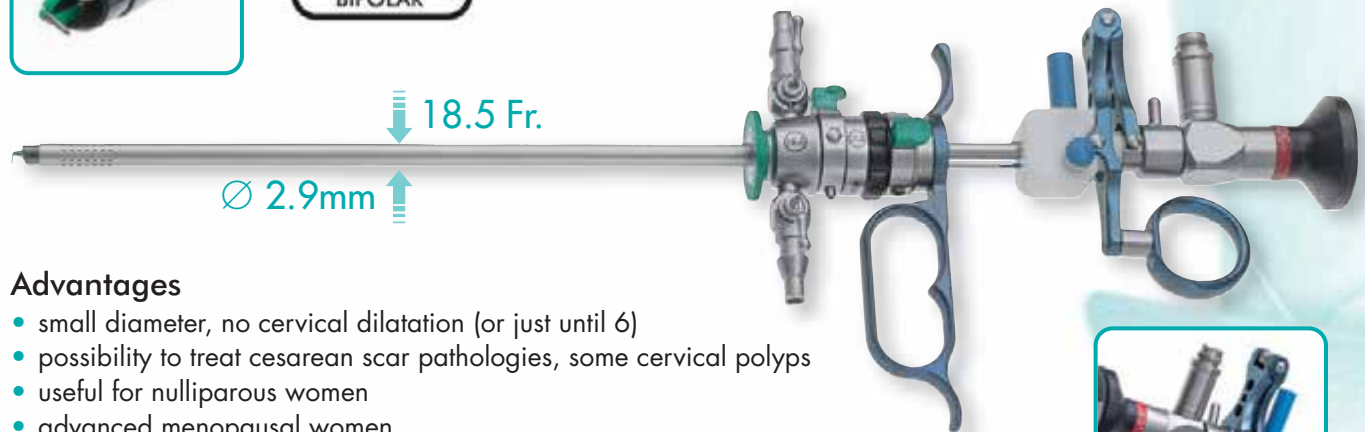
\* Not available with CE marking within Europe

## grazia Saline Resectoscope Set

The new „grazia“ Saline Resectoscope with an outer diameter of only 6 mm is specially designed for Hysteroscopic surgeries and can be used with 12° or 30° RZ Hysteroscopes with Ø 2.9mm. The slim dimensions are ideal for fine and accurate resections. Due to the remarkable reduced space required, the intrauterine pressure can be kept low. Less fluid consumption and leakage is the result.



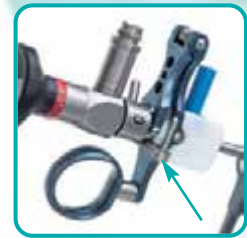
**NaCl**



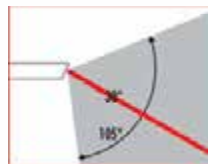
18.5 Fr.  
Ø 2.9mm

### Advantages

- small diameter, no cervical dilatation (or just until 6)
- possibility to treat cesarean scar pathologies, some cervical polyps
- useful for nulliparous women
- advanced menopausal women
- tamoxifene/gn-rh patients
- cervical stenosi in general;
- suspected endometrial and cervical cancer



### Rigid Rod Lens Hysteroscopes



351-829-030 Hysteroscope, Ø 2.9mm, 30° direction of view, 300mm working length, overall length: 355mm

**FULL HD**

351-000-185

Resectoscope Continuous Flow Sheath, 18.5 Fr.,  
with rotating sheath, incl. obturator, with QuickLocking



# RESECTOSCOPE SET

Grazia Saline Resectoscope Set



351-400-200  
Passive Titanium Working Element for  
Grazia Saline Resectoscope



351-400-201  
Active Titanium Working Element for  
Grazia Saline Resectoscope

16 Fr. Electrodes Designed for RZ HF unit 700-350-400 shown on pages 76-77. Optimized and fits excellent for RZ bipolar resection



351-000-201

Cutting Loop



351-000-203

Knife Electrode



351-000-205

Ball Electrode

Saline Resectoscope Cable



RZ / Wolf

Generator end



253-400-602



253-400-605

\* Not available with CE marking within Europe



### Bipolar Working Elements for GYNECARE-VERSAPOINT Bipolar Electrodes



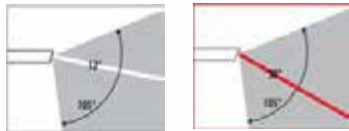
compatible Working Elements



**351-000-400**  
**Passive Titanium Working Element** for use with  
RZ Resectoscope Sheaths 253-000-256/253-000-356  
and 4mm, 12°/30° RZ Hysteroscopes  
351-804-012/351-804-030



**351-000-401**  
**Active Titanium Working Element** for use with  
RZ Resectoscope Sheaths 253-000-256/253-000-356  
and 4mm, 12°/30° RZ Hysteroscopes  
351-804-012/351-804-030



Hysteroscopes,  $\varnothing$  4.0mm, 300mm working length, overall length: 355mm  
351-804-012 12°  
351-804-030 30°



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

**OLYMPUS®** compatible Working Elements

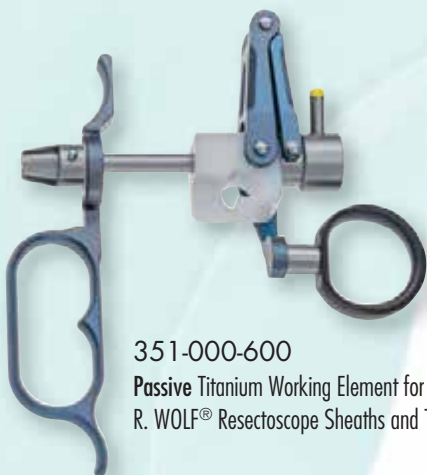


351-000-500  
Passive Titanium Working Element for use with  
OLYMPUS® Resectoscope Sheaths and Telescopes

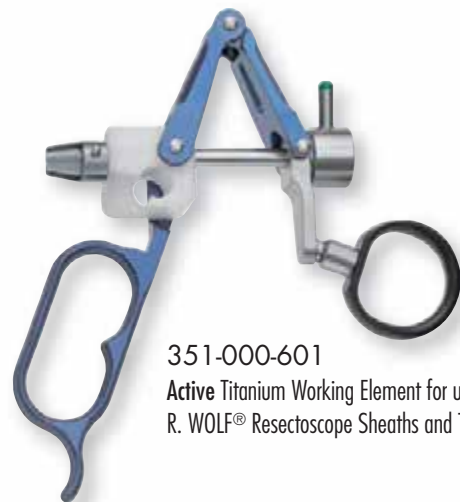


351-000-501  
Active Titanium Working Element for use with  
OLYMPUS® Resectoscope Sheaths and Telescopes

**RICHARD WOLF®** compatible Working Elements



351-000-600  
Passive Titanium Working Element for use with  
R. WOLF® Resectoscope Sheaths and Telescopes





351-000-601  
Active Titanium Working Element for use with  
R. WOLF® Resectoscope Sheaths and Telescopes

### ACTIVE MONOPOLAR ELECTRODES


Reusable, 2.4mm connection


			
700-214-024	For $\varnothing$ 2.4mm electrodes	Handle with 2 buttons, firm 4m cable	1 pc.


			
700-760-002	$\varnothing$ 2mm, 90mm working length	Ball Electrode	1 pc.


			
700-760-004	$\varnothing$ 4mm, 90mm working length	Ball Electrode	1 pc.


			
700-760-620	20 x 2.5 mm, 90mm working length	Spatula Electrode	1 pc.


			
700-760-500	25 x 3.2 mm, 90mm working length	Spatula Electrode	1 pc.


			
700-760-510	12 x $\varnothing$ 0.5 mm, 90mm working length	Needle Electrode	1 pc.


			
700-760-520	12 x $\varnothing$ 0.7 mm, 90mm working length	Needle Electrode	1 pc.


			
700-760-900	For 2.4 mm shaft, 140mm	Extension Shaft	1 pc.


			
700-760-910	For 2.4 mm shaft, 90mm	Extension Shaft	1 pc.


			
700-760-920	For 2.4 mm shaft, 70mm	Extension S haft	1 pc.


			
700-760-012	12mm, 150mm working length	Conization Electrode	1 pc.


			
700-760-019	19mm, 90mm working length	Conization Electrode	1 pc.

			
700-750-100	10 x 10mm, 110mm working length	Loop Electrode	1 pc.


			
700-750-155	15 x 15mm, 110mm working length	Loop Electrode	1 pc.


			
700-750-215	20 x 15mm, 110mm working length	Loop Electrode	1 pc.


			
700-750-220	20 x 20mm, 110mm working length	Loop Electrode	1 pc.


			
700-750-225	20 x 25mm, 110mm working length	Loop Electrode	1 pc.



			
700-760-100	Ø 10mm, 110mm working length	Loop Electrode	1 pc.






			
700-760-150	Ø 15mm, 110mm working length	Loop Electrode	1 pc.

			
700-760-200	Ø 20 mm, 110mm working length	Loop Electrode	1 pc.

			
700-760-250	Ø 25 mm, 110mm working length	Loop Electrode	1 pc.


### ACTIVE MONOPOLAR ELECTRODES


Disposable, 2.4mm connection


			
700-755-105	10 x 10mm, round, 100mm working length	Loop Electrode	5 pc.
			
700-755-158	15 x 10mm, round, 100mm working length	Loop Electrode	5 pc.
			
700-755-152	15 x 12mm, round, 100mm working length	Loop Electrode	5 pc.
			
700-755-155	15 x 15mm, round, 100mm working length	Loop Electrode	5 pc.
			
700-755-208	20 x 20mm, round, 100mm working length	Loop Electrode	5 pc.

			
700-755-215	20 x 15mm, round, 100mm working length	Loop Electrode	5 pc.

			
700-755-251	20 x 18mm, round, 100mm working length	Loop Electrode	5 pc.

			
700-755-003	∅ 3mm, round, 100mm working length	Ball Electrode	5 pc.

			
700-755-004	∅ 4mm, round, 100mm working length	Ball Electrode	5 pc.

			
700-755-005	∅ 5mm, round, 100mm working length	Ball Electrode	5 pc.



350-665-000  
Uterus Manipulator,  
single use, non sterile

- Cone shape provides better sealing
- Ball tip prevents penetrating the uterus
- Luer-Lock connection
- Lightweight and ergonomic design
- Length markings on the shaft



350-660-100  
Uterus Manipulator, complete with 6 Inserts

### Adaptors



350-660-111  
Ø 8 x 80mm



350-660-112  
Ø 10 x 100mm



350-660-113  
Ø 3 x 45mm



350-660-114  
Ø 3 x 55mm



350-660-115  
Ø 3.2 x 34mm



350-660-116  
Ø 3.2 x 45mm



350-750-000  
Cohen self retaining Cannula complete with 2 interchangeable acorns

350-750-002  
Acorn only, large

350-750-001  
Acorn only, small



350-158-003  
IUD Grasping Forceps 1 x 2 Teeth, flexible, Ø 3mm, with spring handle



**Myoma screw**

- 300-032-015    ∅ 5mm, 330 mm working length
- 300-042-005    ∅ 5mm, 420 mm working length
- 300-033-010    ∅ 10mm, 330 mm working length
- 300-033-011    ∅ 11mm, 330 mm working length
- 300-042-010    ∅ 10mm, 420 mm working length



**RZ Myoma Grasping Forceps, 330 mm working length**

- 350-755-007    7mm jaws
- 350-755-011    11mm jaws
- 350-755-017    17mm jaws



350-400-250

**Schroder Tenaculum forceps**

**RZ Ring Applicators**

Supplied with a quick loading adaptor to ensure a fast and easy loading of the applicator.



300-100-120

Ring Applicator for tubal sterilisation, for single puncture - for use with Operating Laparoscopes with ∅ 6 mm instrument channels (300-099-006 and 300-099-106). A knurled screw is fixing the Ring Applicator securely to the telescope.

300-100-122

Ring Applicator for tubal sterilisation, for second puncture, for use with Trocar Sleeves ∅ 7.0 mm



300-100-125  
Cone for Ring Applicator

300-100-127  
Loading Device for Ring Applicator



300-100-124  
Plastic Rings, **autoclavable**, package of 50 pieces

300-100-126  
Plastic Rings, **sterile**, package of 2 pieces



300-011-181  
LuerLock tube  
connector 9mm



300-011-506  
LuerLock tube  
connector 6mm



300-011-184  
LuerLock Tuohy  
Borst Adaptor



300-011-178  
LuerLock one-way stop-cock  
with spring screw cap



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



351-905-105  
Disposable Silicone Valve with  
LuerLock connection for use  
with 3 - 10Fr. instruments  
sterile packed,  
package with 10 pieces



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.



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.



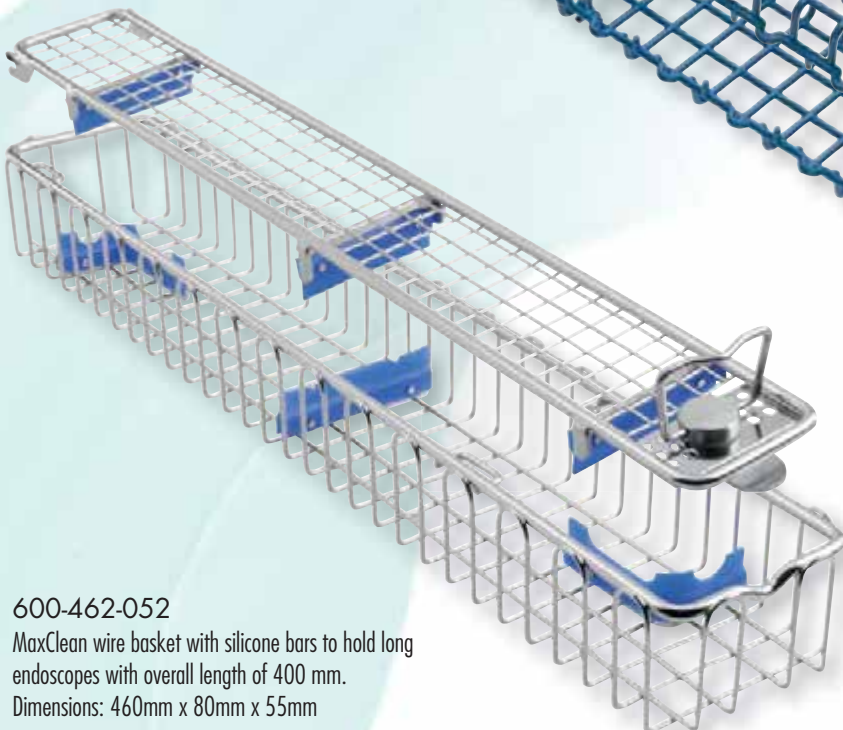
600-292-052

MaxClean wire basket with silicone bars to hold 2 short endoscopes with overall length of 230mm.  
Dimensions: 290mm x 80mm x 55mm



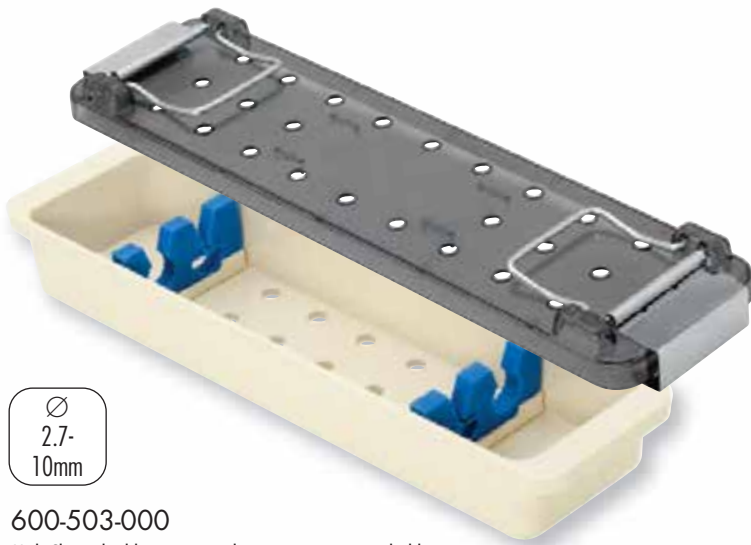
600-501-100

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



600-462-052

MaxClean wire basket with silicone bars to hold long endoscopes with overall length of 400 mm.  
Dimensions: 460mm x 80mm x 55mm



∅  
2.7-  
10mm

600-503-000

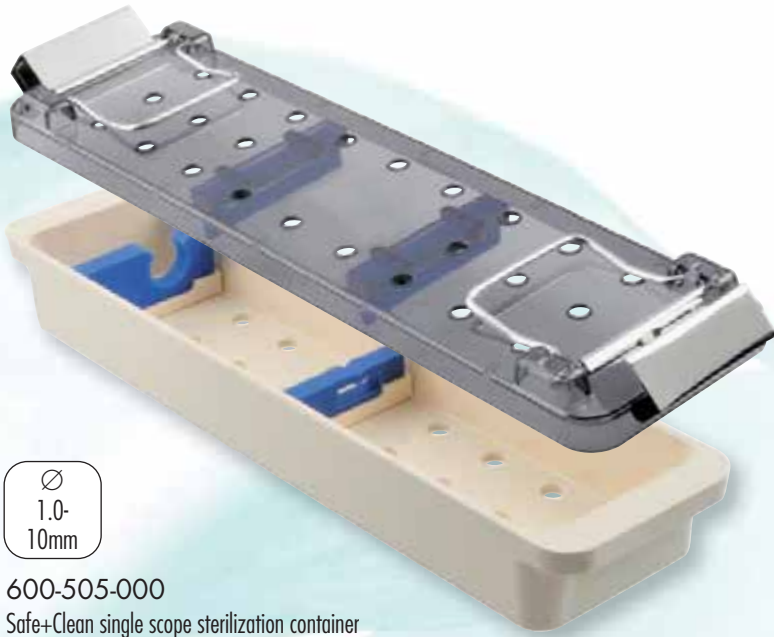
MultiClean double scope sterilization container to hold  
2 short endoscopes with maximum length of 270mm.  
Dimensions: 271mm x 70mm x 35mm



∅  
2.7-  
10mm

600-504-000

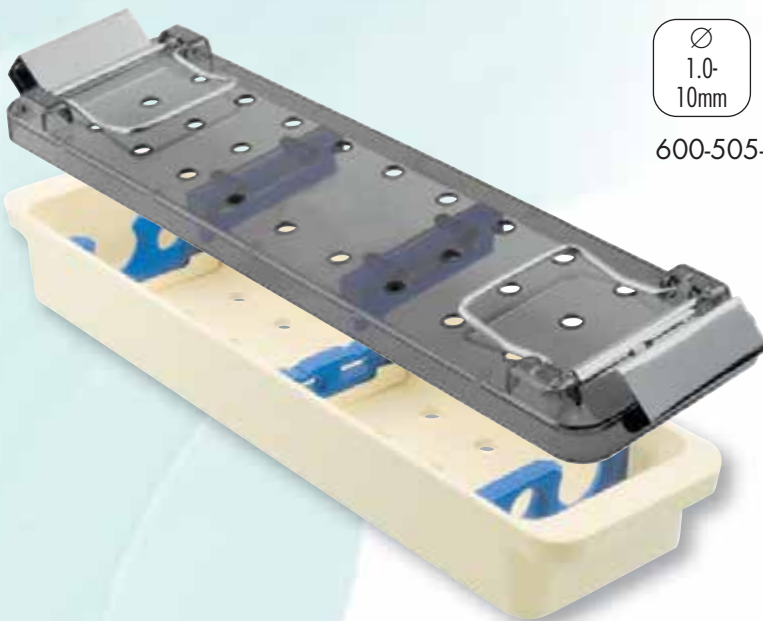
MultiClean double scope sterilization container to hold  
2 medium scopes with maximum length of 310mm.  
Dimensions: 394mm x 70mm x 35mm



∅  
1.0-  
10mm

600-505-000

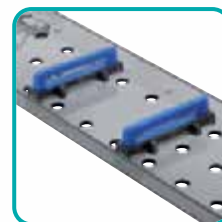
Safe+Clean single scope sterilization container  
to hold 1 short scope with maximum length of 270 mm.  
Dimensions: 271 mm x 70 mm x 35 mm  
with silicone bars on base and lid



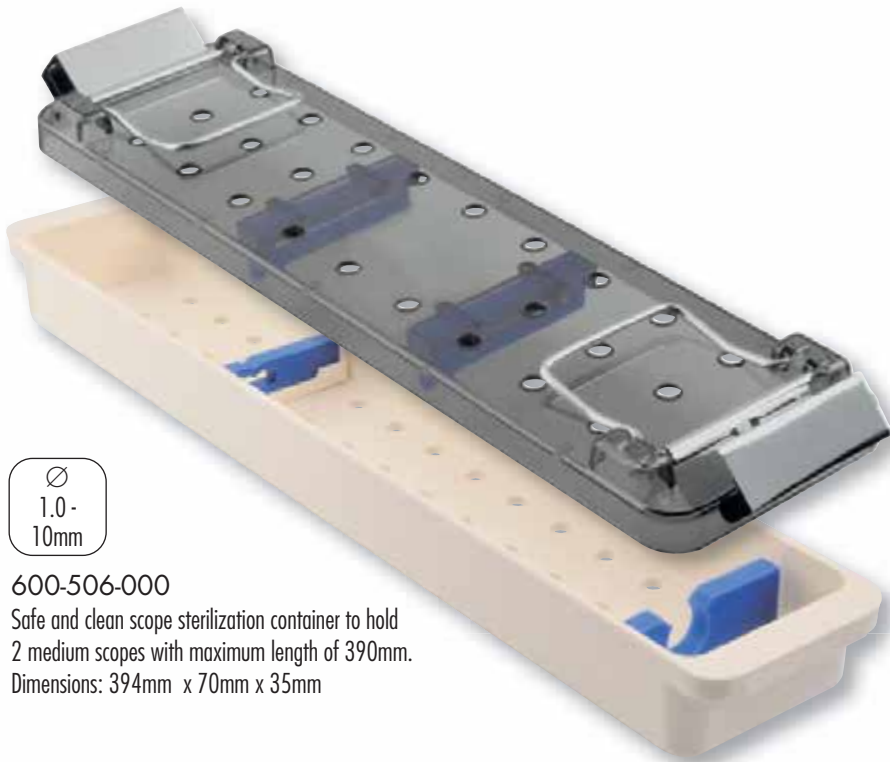
∅  
1.0-  
10mm

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



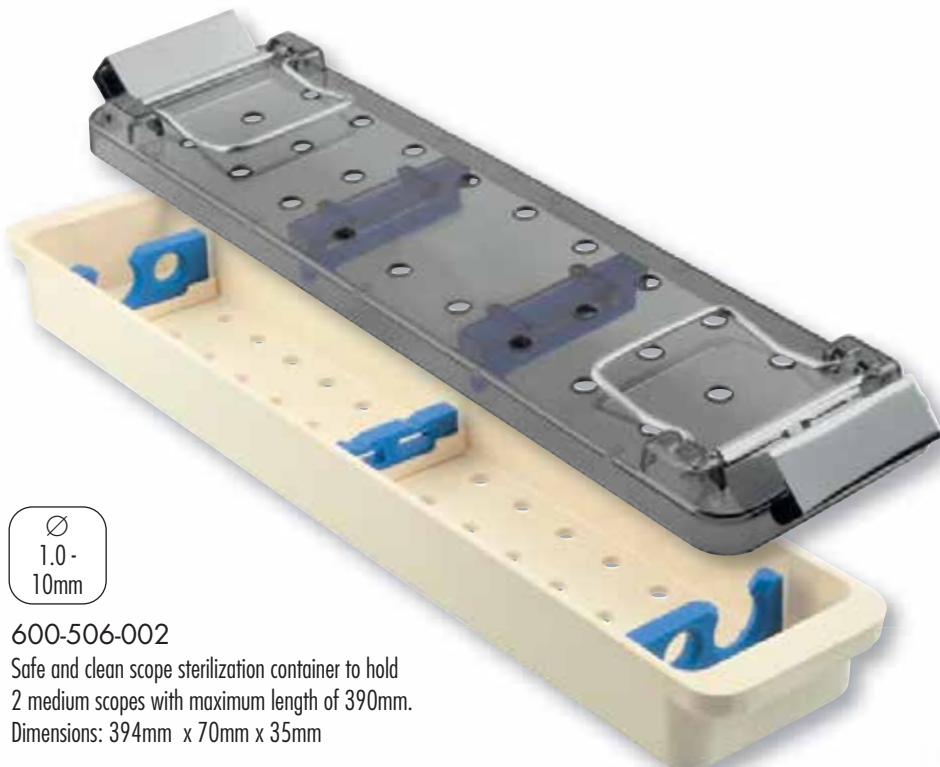
Safe and clean  
with silicone bars on  
base and lid



∅  
1.0-  
10mm

600-506-000

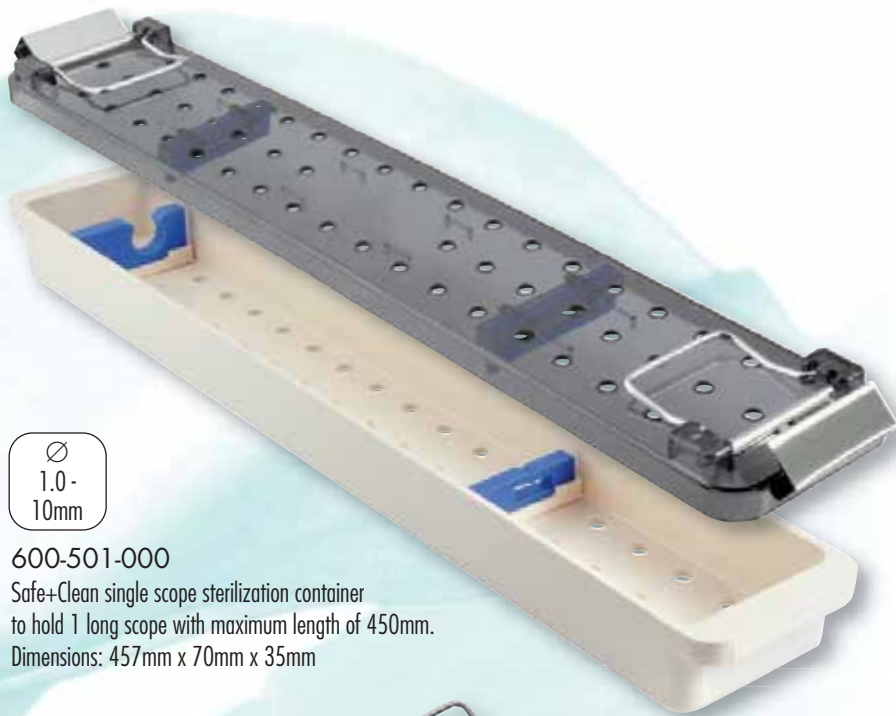
Safe and clean scope sterilization container to hold  
2 medium scopes with maximum length of 390mm.  
Dimensions: 394mm x 70mm x 35mm



∅  
1.0-  
10mm

600-506-002

Safe and clean scope sterilization container to hold  
2 medium scopes with maximum length of 390mm.  
Dimensions: 394mm x 70mm x 35mm



∅  
1.0-  
10mm

**600-501-000**

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



∅  
1.0-  
10mm

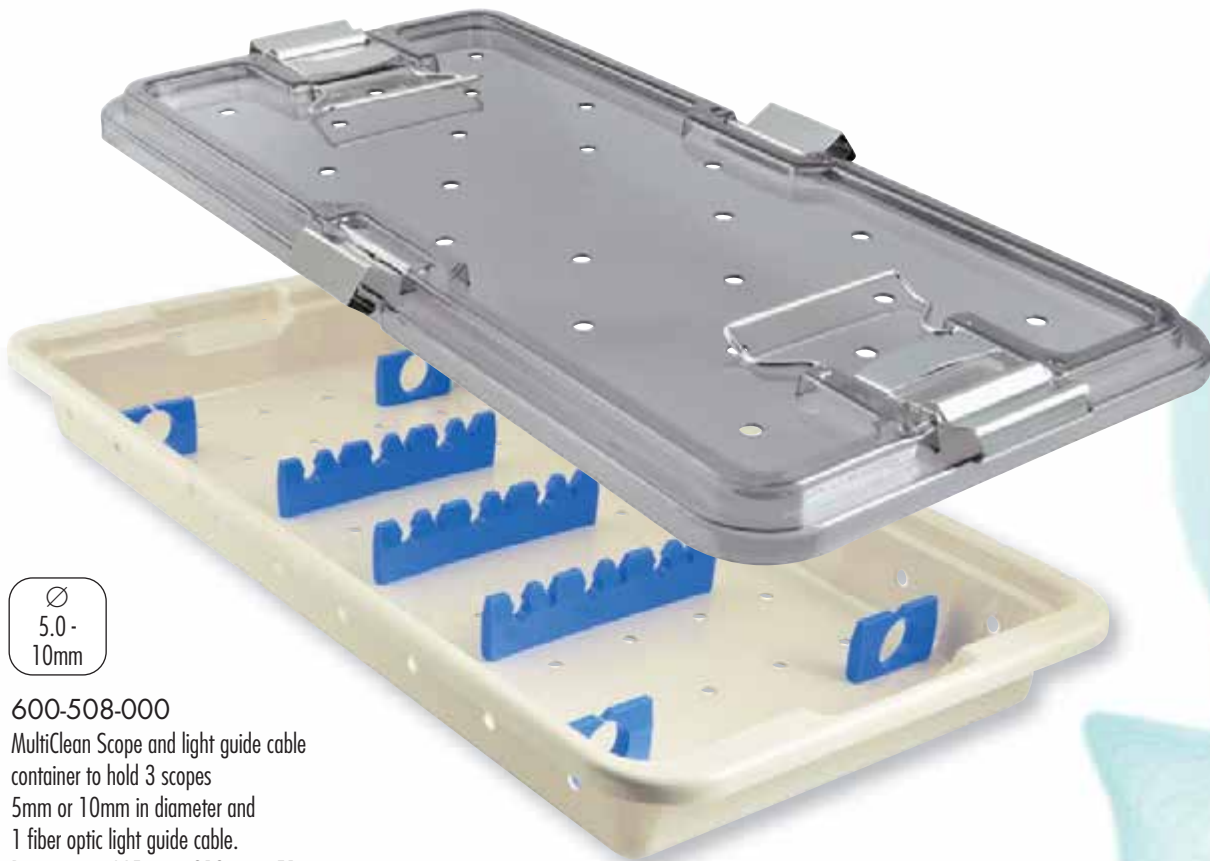
**600-501-002**

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



**600-450-070**

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



∅  
5.0-  
10mm

**600-508-000**

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



**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: 635mm x 155mm x 39mm



**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



# 1/1 CONTAINER

## 1/1 Container Basket



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



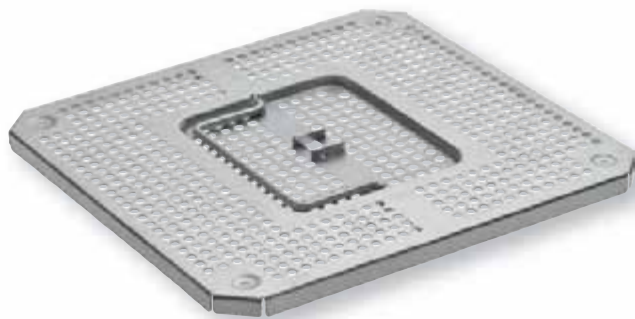
- 600-281-002 Silicone Mat green, 380x230mm



Stainless Steel Basket with round perforation, with lid

**1/2**  
255mm length

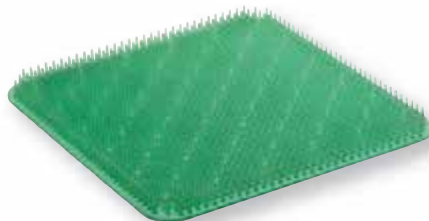
600-255-535	255 x 245 x 35mm
600-255-555	255 x 245 x 55mm
600-255-575	255 x 245 x 75mm
600-255-605	255 x 245 x 105mm



Lid only  
600-255-500 255 x 245 mm



Bottom only  
600-255-530 255 x 245 x 30mm  
600-255-550 255 x 245 x 50mm  
600-255-565 255 x 245 x 70mm  
600-255-600 255 x 245 x 100mm



600-281-001 Silicone Mat green, 220x230mm



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



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



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



300-215-000  
Cleaning brush, length 215mm, brush length 60mm, brush  $\varnothing$  13mm



300-420-065  
Cleaning brush, length 420mm, brush length 65mm, brush  $\varnothing$  3mm



700-900-149  
Oil Spray (400ml)



700-900-250  
Oil Dispenser, 140mm



700-900-160  
Instrument Oil in 50ml bottle



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



351-100-200 Basic Irrigation Pump P1



This unit offers all basic functions for irrigation in hysteroscopic 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:

351-100-201	Irrigation tubing set, silicone, autoclavable	non-sterile	included
351-100-202	Irrigation tubing set, PVC, 20 pieces	sterile	optional
351-100-206	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 (WxHxD)
Weight	Ca. 11 kg



# IRRIGATION PUMP

## Irrigation Pump



351-100-300 HYS Pump Pro P5

P5 is a fluid irrigation pump to be used in endoscopic operations in the fields of hysteroscopy. It is equipped with a scale for fluid management. Hydrostatic pressure compensation procedure ensures correct pressure reading. Highest safety is ensured by air bubble detection.

### Features:

- Advanced fluid management system for Hysteroscopy
- Scale for fluid management
- Hydrostatic pressure compensation (level)
- Acoustic and visual air bubbles warning system

### Accessories:

351-100-201	Tubing Set "Irrigation", silicone, autoclavable	non-sterile	included
351-100-202	Irrigation tubing set, PVC, 20 pieces	sterile	optional
351-100-206	Patient tube, PVC, 2,5m, 40 pieces	sterile	optional
351-100-301	Scale incl. mounting accessories	non-sterile	included

351-100-201  
Tubing Set included

### Delivery contains:

- Pump device
- Irrigation tubing set
- Scale
- 2 Spare fuses
- Operating Manual



Fluid management compares input and output continuously. Tolerable difference and maximum tank volume can be adjusted. The scale works with a great variety of containers. Overflow of liquid is prevented automatically.

### Technical Data

Line voltage	100-240V/AC – Fuse T3.15A L 250V
Frequency	50-60 Hz
Power input	max. 80 VA
Device type	BF
Classified acc. to EG-Guidelines 93/42/EEC	IIa
Protection class	I
Setup	DIN EN 60601-1:2005
Radio interference suppression	DIN EN 60601-1-2:2007
Irrigation Power	0 - 0.500 L/min
Pressure range	10-200 mm Hg
Temperature range	+10 - +40°C
Operating conditions	+10 to +40°C, relative humidity of air: 30-70%

Storage and transport conditions	-40 to +70°C, relative humidity of air (not condensed): 10-90%
Splash-water protection	IPX 1
Registration	CE 1253
Measurements	380 x 130 x 400 mm (WxHxD)
Weight	Ca. 11 kg
Scale	
- Measurements	Rated load up to 35 Kg 270x270x400mm (WxHxD)
- Weight	ca. 5kg
- Container volume	0 - 9.9 L
- Fluid balance	0 - 2.0 L (volume fluid loss)

# 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 cristal 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



**FULL HD**

300-001-802  
High-End 3-Chip Camera Head  
Full HD 1920 x 1080 p



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



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

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

## 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

#### 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



USB port for use with flash drives to record data

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

#### 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-funcion)
- Lightweight camera head ensures fatigue-free working

can be used for an extensive documentation of the procedure. The leightweigt 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.

#### 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	<ul style="list-style-type: none"> <li>• 2 x CVBS (1Vpp/75Ω), BNC</li> <li>• 2 x Hosiden (Y/C)</li> <li>• 1 x YPbPr</li> <li>• 1 x SDI</li> <li>• 1 x USB</li> </ul>

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	Protection Class	I
Resolution	active pixels: - 752 H x 582 V - 768 H x 494 V	Application part	BF
TV resolution	470 lines	Manufactured and tested according to	IEC 601-1ff, EN 60601-1ff
Sensitivity	1 lux (1/1.4)	CE marking according to	MDD 93/42/EEC
Aspect ratio	4:3	Dimensions	Control Unit: 380 x 120 x 360 mm (WxHxD), 11kg Camera Head: 105g
Image Sensor	1/3" CCD		
Video Outputs	<ul style="list-style-type: none"> <li>• 2 x CVBS (1Vpp/75Ω), BNC</li> <li>• 2 x Hosiden (Y/C)</li> <li>• 1 x YPbPr</li> <li>• 1 x SDI</li> </ul>		

### 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

### 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

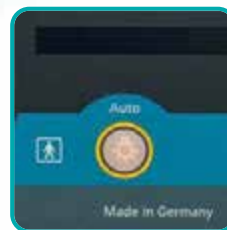
### Technical Data

Mains voltage	100-240 VAC, 50-60 Hz
Power consumption	300W
Mains fuses	2 Fine fuses, 5x20mm, delay acting 6,3 AT, with high breaking capacity (I <sub>a</sub> = 1500 A)
LED Lifetime	> 10.000h
Color temperature	6000 – 6500° K
Connections	Light guide STORZ
Video-IN terminal	1 x VHS (BNC)
Service	1 x RJ45
Storage temperature	- 20°C to +60°C
Operation temperature	+10°C to +40°C

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.

### Delivery contains:

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



Automatic light control



Controlable daylight quality

Relative humidity	
Storage:	10% to 90%
Operation:	30% to 75%
Atmospheric pressure	
Storage:	600 mbar to 1300 mbar
Operation:	700 mbar to 1060 mbar
Classification / Conformity	1 / BF
Test according to	IEC 601-1ff, EN 60601-1ff
CE marking according to	MDD 93/42/EEC
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
Light guide connection	RZ/Storz adapter
System	Power supply: 100/240 VAC, 50-60 Hz Fuses: 2 Fine fuses, 5x20mm, delay 6,3 AT (I=1500A) Power consumption: 100W

Video In (opt.)	1x Video, 1x S-Video (Y/C) (automatic Version only)
Standard	Protection class: I Application part: Type BF IEC 601-1, EN 60601-1; classification acc. 93/42/EEC: I
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



**Xenon**<sup>54</sup>



**Xenon**<sup>54</sup>

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 (WxDxH)
		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 3.5 mm and 4.8 mm 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



250-042-000 RZ/Storz/Olympus



250-040-000 Wolf



250-041-000 ACMI/British Standard



250-039-000 RZ/Storz



250-038-000 ACMI/British Standard  
CUDA



250-048-000 Luxtec



250-051-000 Stryker



250-037-000 Wolf



250-044-000 Olympus



250-045-000 Olympus - Standard



250-052-000 Heine



250-059-000 Pentax

Adaptor pieces for fibre light guide to use with endoscope





700-350-400  
Electrosurgical Generator G400  
for bipolar TUR-B/P and monopolar TUR-P

- Detects and identifies connected instrument automatically
- Powerstart System simplifies the beginning of cutting process
- Automatic power regulation
- 105 different memory locations in 7 groups
- Various output configuration of the sockets available
- Footswitch (optional)



700-350-405  
Footswitch, 2 buttons, 6-pin plug, 5m

### Technical Data

#### SAFETY FEATURES

Class / Grade	I / CF
Low-frequency leakage currents	acc. to IEC 60601-1
High-frequency leakage currents	acc. to IEC 60601-2-2
Generator operation frequency	333 kHz
Defibrillation impulse resistance	acc. to to EN 60601-1
NEM System	neutral electrode control optical indication 7 levels required resistance < 240 Ω

#### ARGON\*

Gas Type	pure argon 4.8 (99,998%) or higher
Inlet gas pressure	0.25-0.4 [MPa]
Gas Outflow	0.1-10 l/min, regulated 0.1 l/min in whole range
Pressure Range	reducer (0.4 MPa) on argon cylinder

#### THERMOSTAPLER® \*\*

Vessel sealing system	9 effects/300W
AutoStop	automatic stop of sealing process after achieving the optimal effect

#### WEIGHT AND DIMENSIONS

Weight	12.2kg
Dimensions	495 x 415 x 225mm (LxWxH)

#### POWER SUPPLY

Supply voltage	230 V +/- 10% 50 Hz or 110 V +/- 10% 60 Hz
Rated power input	500W



10" Touchscreen



Easy readable interface design



Tilttable display



Instrument detecting sockets

### Cutting and Coagulation features

#### MONOPOLAR CUTTING

Mono Cut	9 effects/350W
Precise Cut	9 effects/50W
Mixed Cut	9 effects/150W
Polipo Cut**	9 levels
Papillo Cut**	9 levels
Arthro Cut**	9 levels
Uro Cut**	9 levels
Hystero Cut**	9 levels
Argon Cut**	9 effects/350W

#### BIPOLAR CUTTING

Bi-Cut**	9 effects/120W
Uro Bi-Cut**	9 levels
Arthro Bi-Cut**	9 levels

#### MONOPOLAR COAGULATION

Soft Coag	9 effects/200W
Forced Coag	9 effects/200W
Spray Coag	80W
Hybrid Coag	9 effects/200W
Standard Argon*	80W
Endo Argon*	40W
Pulse Argon*	40W
Uro Coag**	9 levels
Arthro Coag**	9 levels
Hystero Coag**	9 levels

#### BIPOLAR COAGULATION

Soft Bi-Coag	9 effects/120W AutoStart/AutoStop
Forced Bi-Coag	9 effects/120W AutoStop
Uro Bi-Coag**	9 levels
Arthro Bi-Coag**	9 levels
Sciss Bi-Coag**	9 levels

Modifications of technical specification or design are subject to change without prior notice.

\* available only for Argon version

\*\* special mode available only for dedicated SDS cable/instrument connected



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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