

Laparoscopy

Laparoscopy



- Laparoscopes
- Bipolar Kleppinger Forceps
- Eragon Bipolar Forceps
- PowerBlade Bipolar Forceps
- Forceps / Scissors
- Needle Holders
- LAVH Instruments
- Hulka Clips
- Suction / Irrigation
- Trocars
- Morcellator
- Insufflators

Hysteroscopy

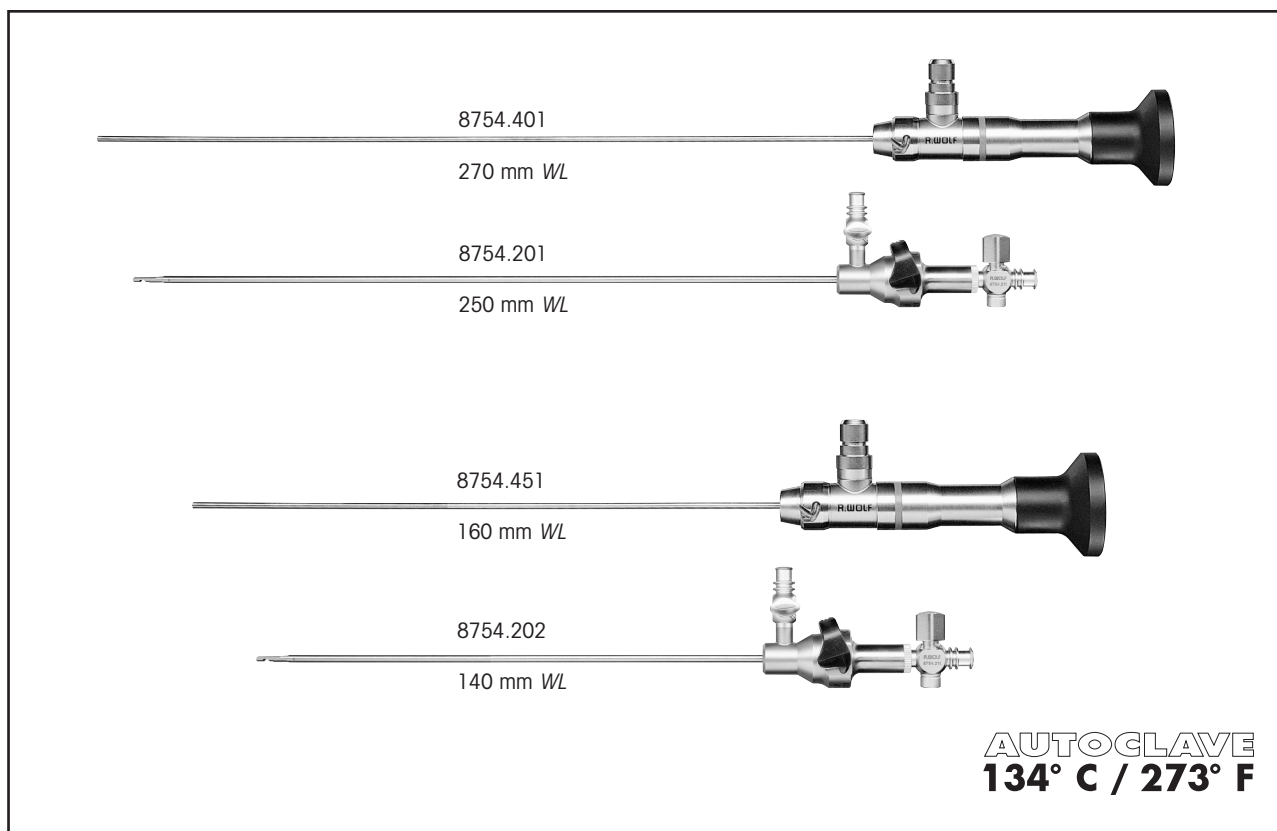
Resection/Ablation

Urogynecology

Laparoscopy

Accessories/Parts

Micro Laparoscopes, 2 mm



Micro Laparoscopes

- 50,000 pixel high resolution fiber quartz optics
- Quick connect locking mechanism
- 2 mm diameter permits minimally invasive abdominal access
- Titanium sheath construction provides both durability and longevity

Standard version 270 mm WL:

Micro laparoscope,

0°, 2 mm Ø, 270 mm WL8754.401

Verres needle (8754.211), 2.3 mm Ø with

Outer sheath (8754.221), 250 mm WL8754.201

Short version 160 mm WL:

Micro laparoscope

0°, 2 mm Ø, 160 mm WL8754.451

Verres needle (8754.212), 2.3 mm Ø with

Outer sheath (8754.222), 140 mm WL8754.202

Fiberoptic light cable,

2.5 mm bundle, 3 M WL8061.256

Hysteroscopy

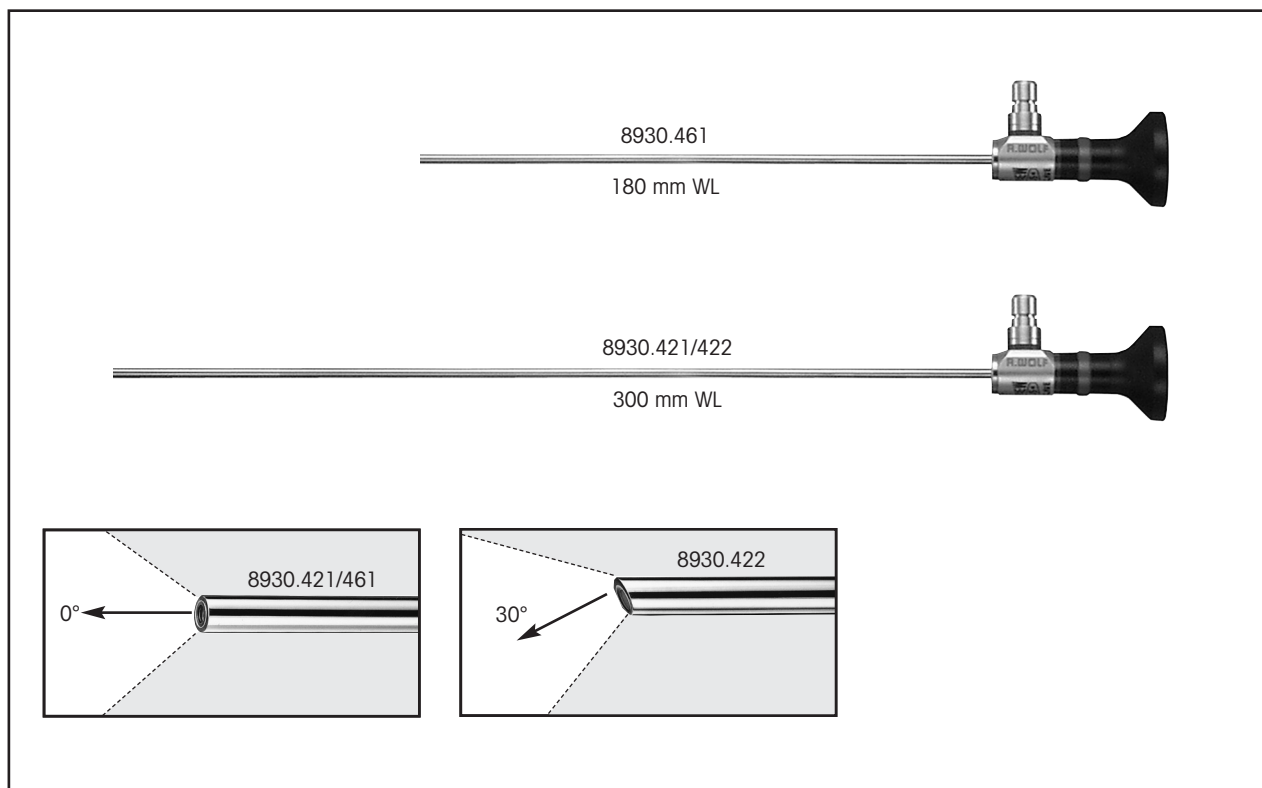
Resection/Ablation

Urogynecology

Laparoscopy

Accessories/Parts

Laparoscopes, 3.5 mm



PANOVIEW PLUS laparoscope, 3.5 mm diameter, 180 mm WL
with fixed eyepiece,
0°8930.461

Fiberoptic light cable,
3.5 mm bundle, 3 M WL8061.356

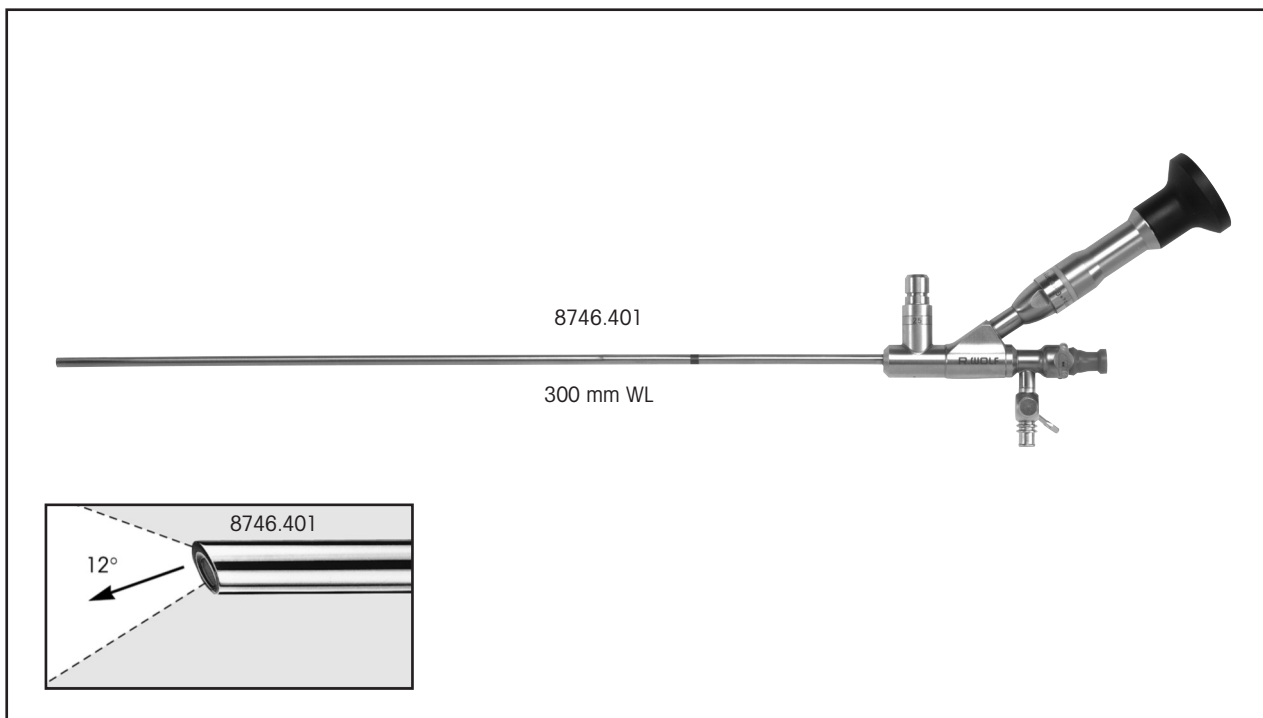
PANOVIEW PLUS laparoscope, 3.5 mm diameter, 300 mm WL
0°8930.421
30°8930.422

ALSO AVAILABLE:

PANOVIEW PLUS laparoscope, 3.3 mm diameter, 300 mm WL
with fixed eyepiece,
70°8660.425

**Autoclavable
134°C / 273°F
Pre-Vac Cycle**

Quintero Mini-Operating Laparoscope, 3.8 mm



Fiber optic laparoscope, 3.8 mm diameter, 300 mm WL, 5 Fr. working channel,

high resolution with 50,000 pixels

12°8746.401

Fiber optic light cable,

2.5 mm bundle, 3 M WL8061.256

Replacements

Metal port fitting15256.382

Mini sealing membrane, 10 / pkg89.101

Sealing caps for working channel, to 1 mm88.005RE

Sealing caps for working channel, 1-2 mm88.01RE

Hysteroscopy

Resection/Ablation

Urogynecology

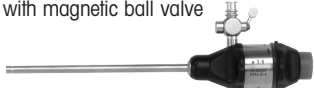
Laparoscopy

Accessories/Parts

5 Fr. Instruments for use with 8746.401 Mini-Operating Laparoscope

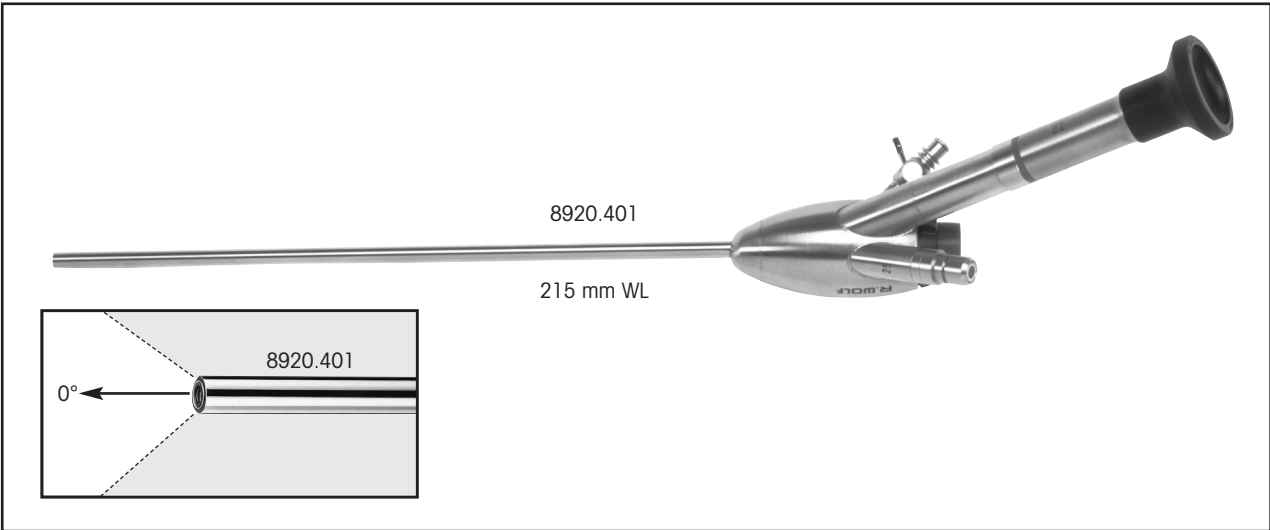
Instrument Tips	Working Channel Size	WL mm	Catalog #
 Grasping forceps, for general use, dual action jaw	5 Fr.	385	8746.621
 Biopsy forceps, dual action jaw	5 Fr.	380	8746.601
 Scissors, Metz style, for all purpose cutting, single action jaw	5 Fr.	380	8746.651
 Blunt probe, for pain mapping and moving various structures	5 Fr.	410	8746.701
 Knot pusher, for general use	5 Fr.	410	8746.801
 Needle electrode, flexible	5 Fr.	395	824.05
 Button electrode, flexible	5 Fr.	395	823.05

3.8 mm Trocars for use with 8746.401 Mini-operating laparoscope

 RIWO-ART trocar sleeves with magnetic ball valve	ø mm	WL mm	With Port	 Trocar, pyramidal tip
Metal sleeve, standard,	3.8	100	8904.014	8904.123
straight distal tip	3.8	150	8904.016	8904.125
	3.8	200	8904.018	8904.127

Mini-Operating Laparoscope, 5.5 mm

The "Egg Scope", 3.5 mm working channel



Operating laparoscope, 5.5 mm diameter, 215 mm WL

with 3.5 mm working channel
includes 8920.401 scope, 8920.311 working channel seal assembly,
and sealing cap
0°8920.4011

Replacements

Working channel seal assembly8920.311
Membrane sealing valve, 10 / pkg.....89.103
Sealing cap, red, 2 mm - 3 mm89.01RE
Sealing cap, blue, 3 mm - 4 mm89.02BL

Fiber optic light cable,

2.5 mm bundle, 3 M WL8061.256

Fiber optic light cable, 90° angle connector,

2.5 mm bundle, 3 M WL8062.251

5.5 mm Trocars for use with 8920.401

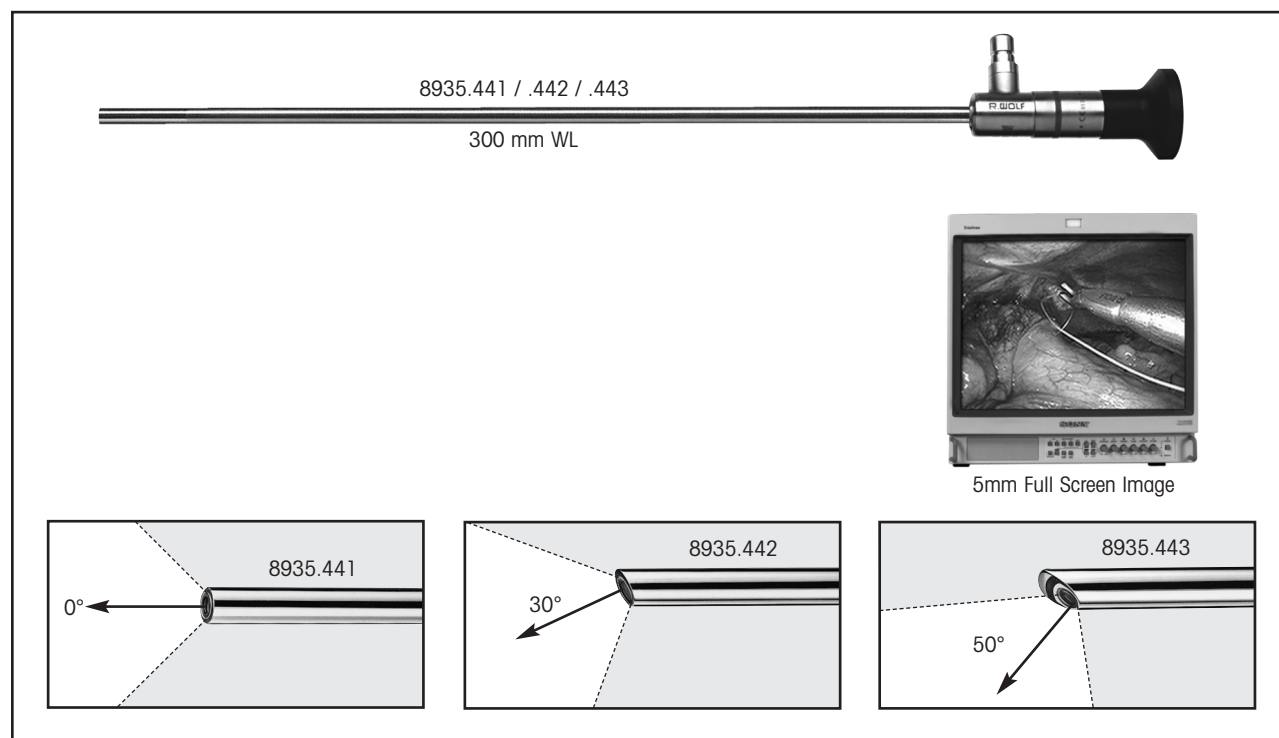
5.5 mm trocar sleeves with stop cock					
	ø mm	WL mm	With Port	Trocar, conical tip	Trocar, pyramidal tip
Plastic sleeve,	5.5	65	8919.333	8919.3312	8919.3313
with retaining thread	5.5	105	8919.353	8919.3512	8919.3513

see 3.5 mm instrumentation on page 91

Full Screen Laparoscopes, 5.3 mm



Laparoscopy



PANOVIEW PLUS laparoscope, Full Screen, 5.3 mm diameter

featuring distortion-free, full screen image

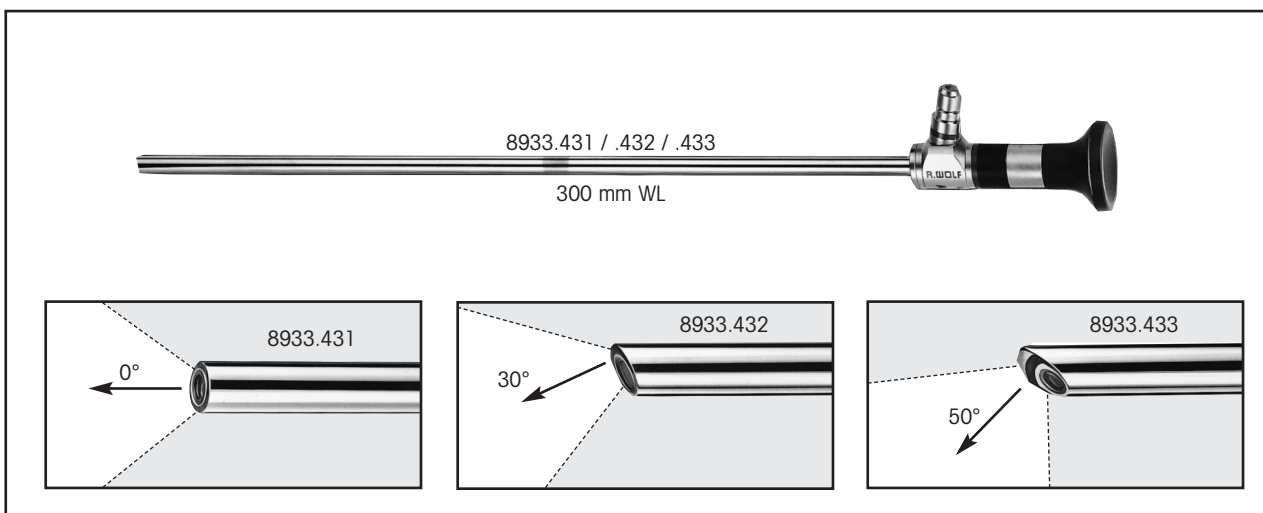
0°	8935.441
30°	8935.442
50°	8935.443

Fiberoptic light cable,

3.5 mm bundle, 3 M WL	8061.356
-----------------------------	----------

**Autoclavable
134°C / 273°F
Pre-Vac Cycle**

Laparoscopes, 7 mm



PANOVUE PLUS laparoscope, 7 mm diameter,

featuring distortion-free optics,

0°	8933.431
30°	8933.432
50°	8933.433

Fiberoptic light cable,

4.5 mm bundle, 3 M WL	8061.456
-----------------------------	----------

**Autoclavable
134°C / 273°F
Pre-Vac Cycle**

Hysteroscopy

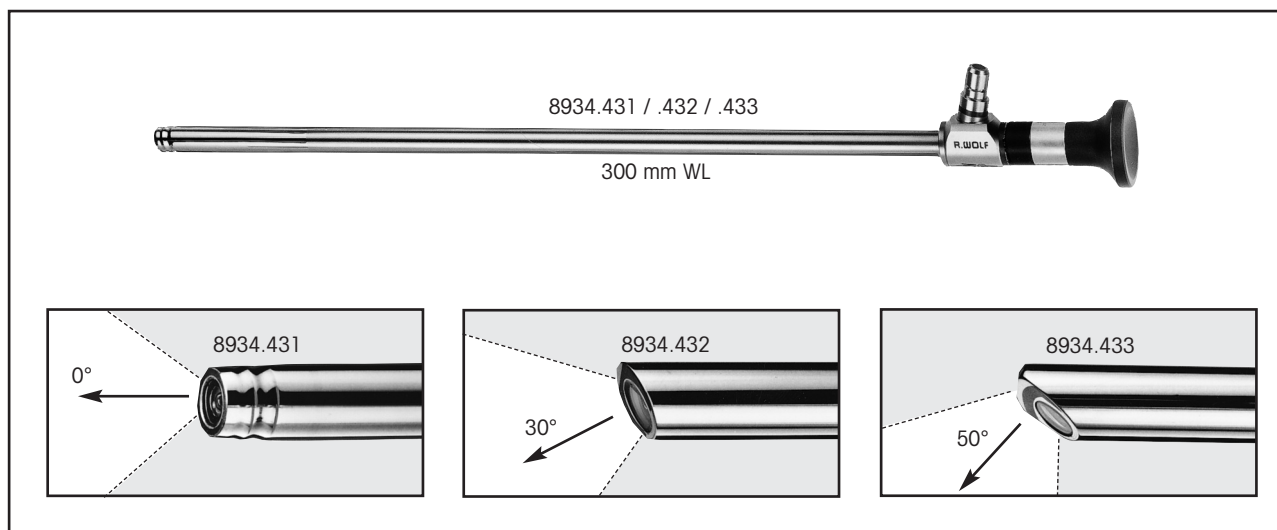
Resection/Ablation

Urogynecology

Laparoscopy

Accessories/Parts

Laparoscopes, 10 mm



PANOVUE PLUS laparoscope, 10 mm diameter,

featuring distortion-free optics,

0°	8934.431
30°	8934.432
50°	8934.433

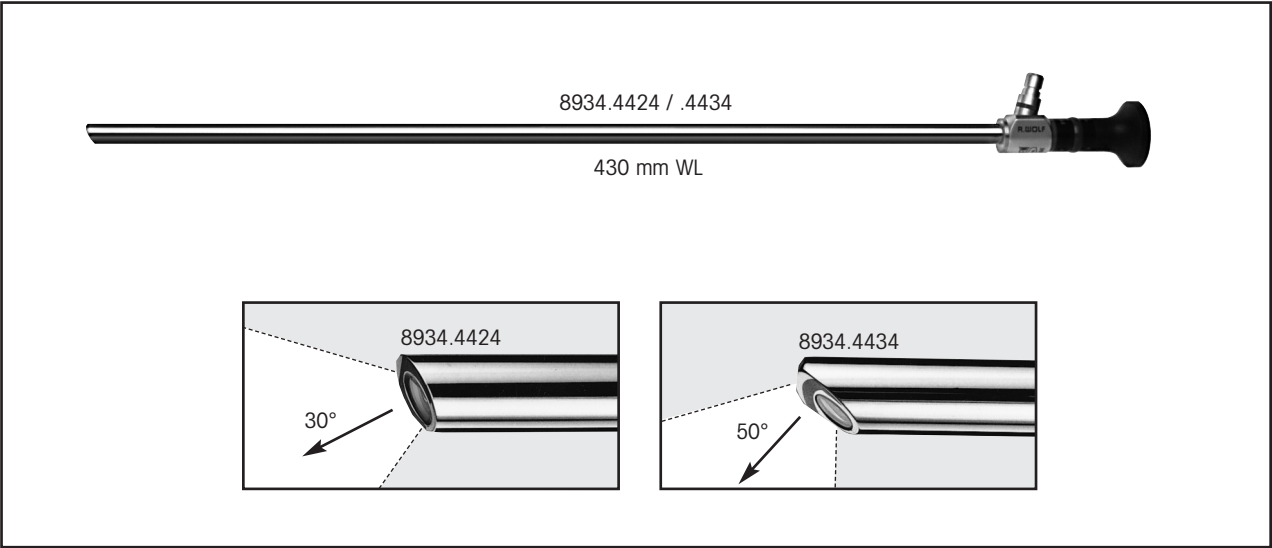
Fiberoptic light cable,

4.5 mm bundle, 3 M WL	8061.456
-----------------------------	----------

Autoclavable
134°C / 273°F
Pre-Vac Cycle



Extended Length Laparoscopes, 10 mm



EXTRA LENGTH laparoscope, 10 mm diameter,

30°	8934.4424
50°	8934.4434

Fiberoptic light cable,

4.5 mm bundle, 3 M WL	8061.456
-----------------------------	----------

**Autoclavable
134°C / 273°F
Pre-Vac Cycle**

Hysteroscopy

Resection/Ablation

Urogynecology

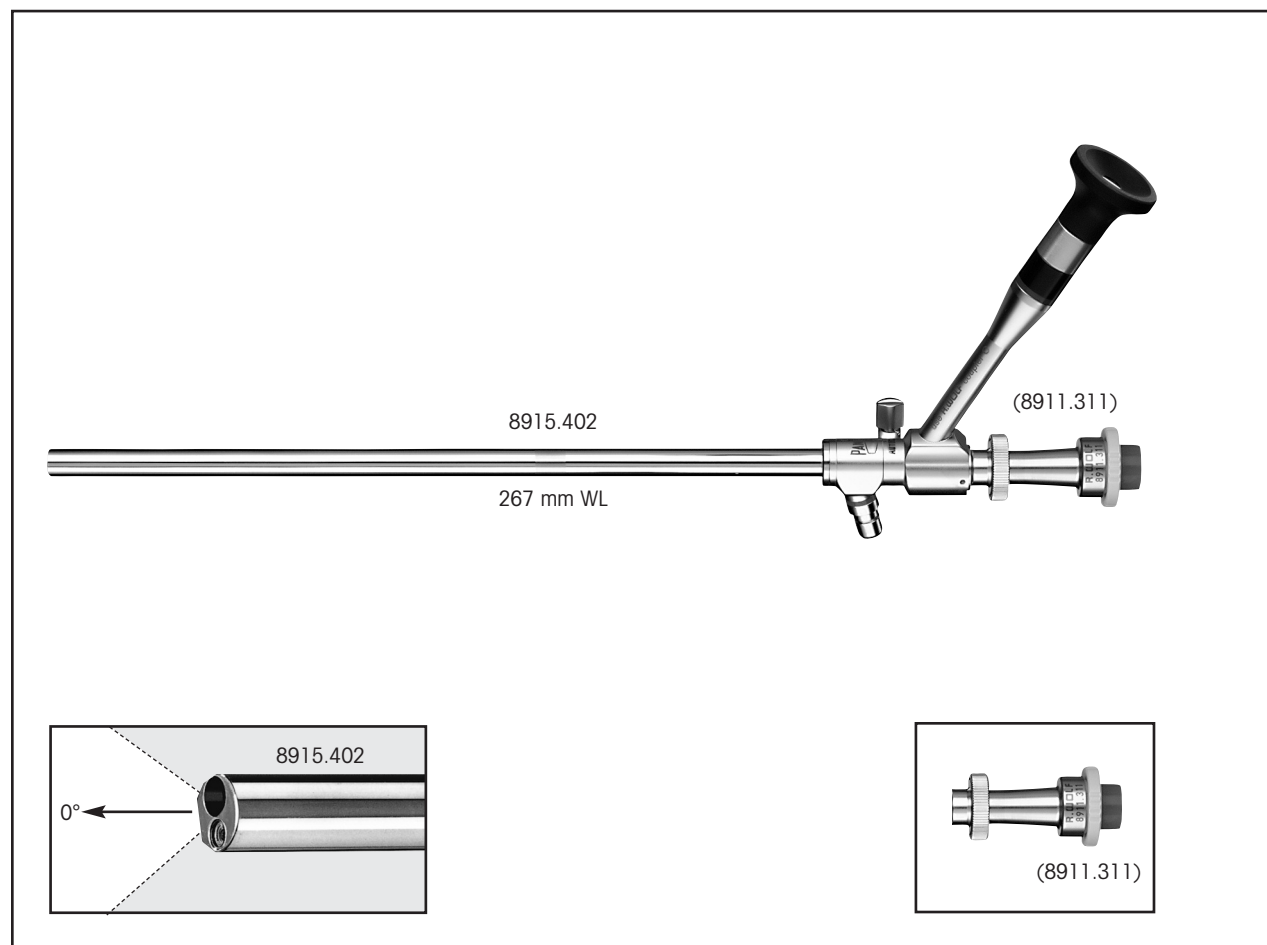
Laparoscopy

Accessories/Parts

Operating Laparoscope, 10 mm

5 mm working channel, 45° offset eyepiece

Laparoscopy



PANOVUE PLUS operating laparoscope, 10 mm diameter,

with fixed eyepiece,

with obliquely offset eyepiece, 5 mm working channel

with detachable automatic sealing port (8911.311)

0°8915.402

For automatic sealing valve (8911.311):

Replacement sealing caps,

blue, 12 / pkg.89.02BL

Spare membrane valves,

10 / pkg89.103

Optional:

Detachable instrument port with stopcock.....8911.316

Adapter cap for Falope-ring applicatorN220423

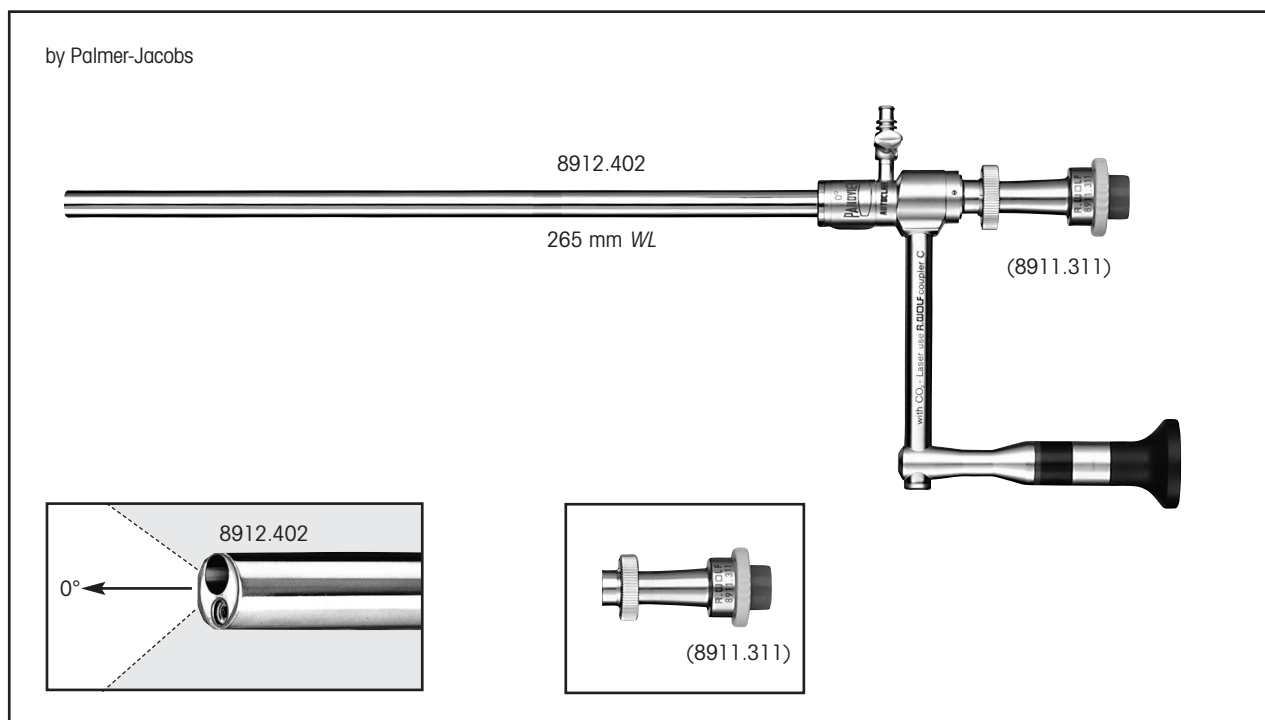
Fiberoptic light cable,

3.5 mm bundle, 3 M WL8061.356

Operating Laparoscope, 10 mm

5mm working channel, right-angle eyepiece

Laparoscopy



PANOVUE PLUS operating laparoscope 10 mm diameter,

with right angle eyepiece,

5 mm working channel

with detachable automatic sealing port (8911.311),

0°8912.402

For automatic sealing valve (8911.311):

Replacement sealing caps,

blue, 12 / pkg.89.02BL

Spare membrane valves,

10 / pkg89.103

plastic housing for sealing cap15176.097

Optional:

Detachable instrument port with stopcock8911.316

Adapter cap for Falope-ring applicatorN220423

Fiber optic light cable,

3.5 mm bundle, 3 M WL8061.356

Hysteroscopy

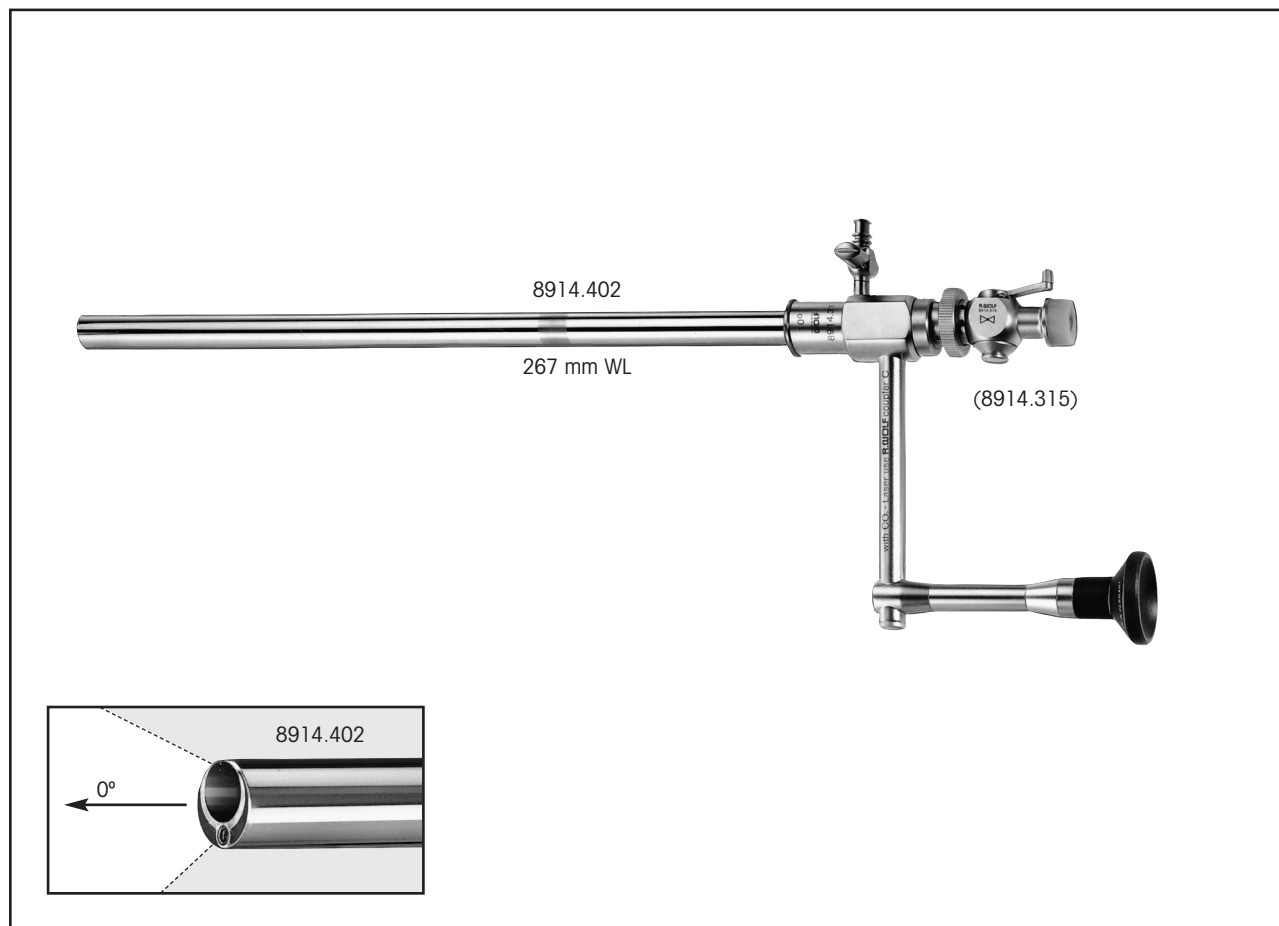
Resection/Ablation

Urogynecology

Laparoscopy

Accessories/Parts

Operating Laparoscope, 12.5 mm 7.3 mm working channel, right-angle eyepiece



Panoview Plus operating laparoscope, 12.5 mm diameter,
with fixed eyepiece,
7.3 mm working channel, and
detachable stopcock assembly (8914.315)
0°8914.402

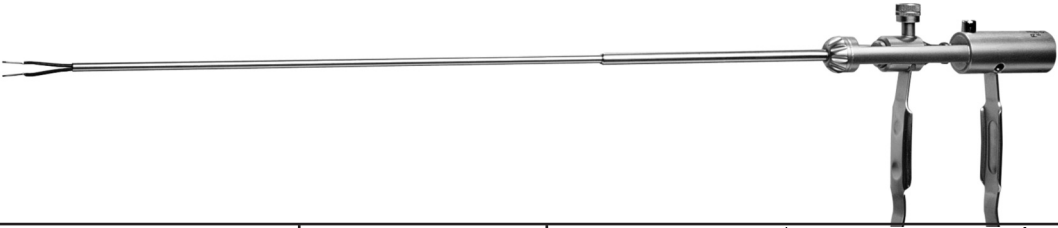
Recommended RIWO-ART Trocar Sleeves 12.5mm,

Metal Sleeve, straight distal tip, 100 mm WL8924.014
Trocar, pyramidal tip, 100 mm WL8924.123
Metal sleeve, straight distal tip, 150 mm WL8924.016
Trocar, pyramidal tip, 150 mm WL8924.125

Stopcock assembly8914.315
Sealing caps, yellow, 12 / pkg.89.05YE
Device stop for using the Hulka Clip applicator,
with the 8914.4028388.991
Adapter cap for Falope-ring applicatorN220423
Fiberoptic light cable, 3.5 mm bundle, 3 M WL8061.356

Bipolar Forceps, 3.5 mm
Modular Design with Spring Handle

Laparoscopy

					
<i>Tong insert</i>		<i>Outer tube</i>	<i>Screw-on cap with sleeve</i>	<i>Sliding handle</i>	Complete instrument • Tong insert • Outer tube • Screw-on cap • Spring handle
		 WL 340 mm			
Replacement Tongs	Type	8391.921	8393.978	8393.975	Type
 Bipolar forceps, 8 mm paddle	8391.715	●	●	●	8391.742

Replacement sealing cap, 12 / pkg88.03BK
Replacement rinsing cap887.00
Reusable bipolar connecting cable, 9.8 Ft. (3 M)8108.031
Single use, disposable bipolar connecting cable, 9.8 Ft. (3 M) (10 / pack)8108.011

Bipolar connecting cable table, see Accessories section

Hysteroscopy

Resection/Ablation

Urogynecology

Laparoscopy

Accessories/Parts

Classic Kleppinger™ Bipolar Forceps, 5 mm

Modular Design with Syringe Style Handle



				
<i>Tong insert</i> 		<i>Syringe Style Handle</i> 		Complete instrument • Tong insert • Handle assembly
		WL 320 mm	WL 430 mm	
Replacement Tongs	Type	8383.240	8384.240	Type
 Bipolar forceps, T-grasper	8393.704	•		8383.2401
	8394.704		•	8384.2401
 Bipolar grasping forceps with Teflon tooth	8393.705	•		8383.2402
	8394.705		•	8384.2402
 Bipolar grasping forceps, Kleppinger	8393.714	•		8383.2403
	8394.714		•	8384.2403
 Bipolar forceps, tweezer	8393.724	•		8383.2404
	8394.724		•	8384.2404
 Bipolar forceps, paddle by Reich	8393.725	•		8383.2405
	8394.725		•	8384.2405
 Bipolar forceps, micro	8393.726	•		8383.2406
	8394.726		•	8384.2406

Reusable bipolar connecting cable, 9.8 ft.8108.031

Single-use, disposable bipolar connecting cable, 9.8 ft. (10 / pack)8108.011

Classic Kleppinger™ Bipolar Forceps, 5 mm

Modular Design with Scissor Style Handle



				Complete instrument • Tong insert • Handle assembly
		WL 320 mm	WL 455 mm	
Replacement Tongs	Type	8383.210	8384.210	Type
	8393.704	•		8383.2101
	8394.704		•	8384.2101
	8393.705	•		8383.2102
	8394.705		•	8384.2102
	8393.714	•		8383.2103
	8394.714		•	8384.2103
	8393.724	•		8383.2104
	8394.724		•	8384.2104
	8393.725	•		8383.2105
	8394.725		•	8384.2105
	8393.726	•		8383.2106
	8394.726		•	8384.2106

Reusable bipolar connecting cable, 9.8 ft.8108.031
 Single use, disposable bipolar connecting cable, 9.8 Ft. (3 M) (10 / pack)8108.011
 Replacement sealing cap, 12 / pkg.88.04GR

Hysteroscopy

Resection/Ablation

Urogynecology

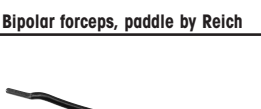
Laparoscopy

Accessories/Parts

Bipolar Forceps, 5 mm

Modular Design with Sliding Handle



Tong insert		Sliding sleeve		Outer tube		Sliding handle	Complete instrument
		WL 300 mm	WL 450 mm	WL 300 mm	WL 415 mm		• Tong insert • Sliding sleeve • Outer tube • Sliding handle
Replacement Tongs	Type	8393.923	8394.923	8393.924	8394.924	8393.974	Type
	8393.704	•		•		•	8393.761
	8394.704		•		•	•	8394.761
Bipolar forceps, T-grasper							
	8393.705	•		•		•	8393.762
	8394.705		•		•	•	8394.762
Bipolar grasping forceps with Teflon tooth							
	8393.714	•		•		•	8393.771
	8394.714		•		•	•	8394.771
Bipolar grasping forceps, Kleppinger							
	8393.724	•		•		•	8393.801
	8394.724		•		•	•	8394.801
Bipolar forceps, tweezer							
	8393.725	•		•		•	8393.823
	8394.725		•		•	•	8394.823
Bipolar forceps, paddle by Reich							
	8393.726	•		•		•	8393.813
	8394.726		•		•	•	8394.813
Bipolar forceps, micro							

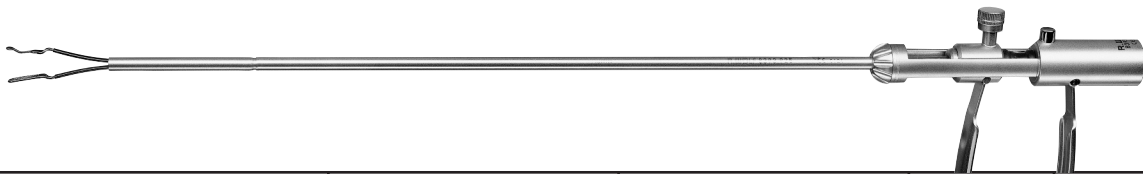
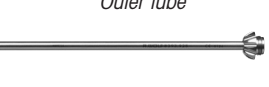
Replacement sealing cap, 12 / pkg88.03BK
 Replacement rinsing cap887.00
 Reusable bipolar connecting cable, 9.8 Ft. (3 M)8108.031
 Single use, disposable bipolar connecting cable, 9.8 Ft. (3 M) (10 / pack)8108.011

Bipolar connecting cable table, see Accessories section

Bipolar Forceps, 5 mm

Modular Design with Spring Handle

Laparoscopy

							
							Complete instrument • Tong insert • Sliding sleeve • Outer tube • Spring handle
		WL 300 mm	WL 440 mm	WL 300 mm	WL 440 mm		
Replacement Tongs	Type	8393.923	8394.923	8393.925	8394.925	8393.975	Type
	8393.704	•		•		•	8393.731
	8394.704		•		•	•	8394.731
Bipolar forceps, T-grasper							
	8393.705	•		•		•	8393.732
	8394.705		•		•	•	8394.732
Bipolar grasping forceps with Teflon tooth							
	8393.714	•		•		•	8393.741
	8394.714		•		•	•	8394.741
Bipolar grasping forceps, Kleppinger							
	8393.724	•		•		•	8393.781
	8394.724		•		•	•	8394.781
Bipolar forceps, tweezer							
	8393.725	•		•		•	8393.803
	8394.725		•		•	•	8394.803
Bipolar forceps, paddle by Reich							
	8393.726	•		•		•	8393.793
	8394.726		•		•	•	8394.793
Bipolar forceps, micro							

Replacement sealing cap, 12 / pkg88.03BK
 Replacement rinsing cap887.00
 Reusable bipolar connecting cable, 9.8 Ft. (3 M)8108.031
 Single use, disposable bipolar connecting cable, 9.8 Ft. (3 M) (10 / pack)8108.011

Bipolar connecting cable table, see Accessories section

Bipolar Forceps, 5 mm

Modular Design with Open Spring Handle

 Laparoscopy

				
Tong insert 		Open spring handle with outer tube  WL 290 mm WL 445 mm		Complete instrument • Tong insert • Handle assembly
Replacement Tongs	Type	8383.974	8384.974	Type
 Bipolar forceps, T-grasper	8393.704	•		8383.23
	8394.704		•	8384.23
 Bipolar grasping forceps with Teflon tooth	8393.705	•		8383.232
	8394.705		•	8384.232
 Bipolar grasping forceps, Kleppinger	8393.714	•		8383.233
	8394.714		•	8384.233
 Bipolar forceps, tweezer	8393.724	•		8383.234
	8394.724		•	8384.234
 Bipolar forceps, paddle by Reich	8393.725	•		8383.236
	8394.725		•	8384.236
 Bipolar forceps, micro	8393.726	•		8383.235
	8394.726		•	8384.235

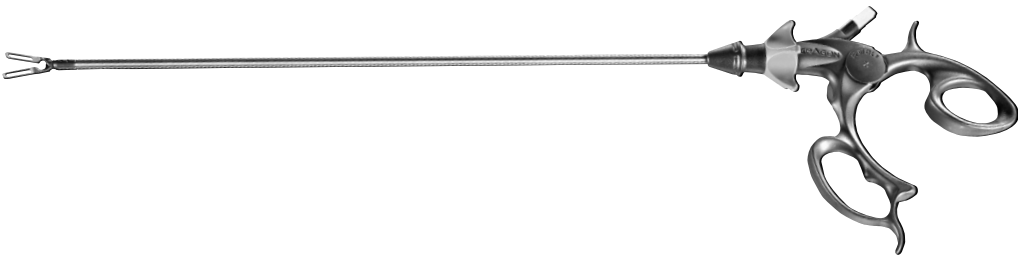
Replacement sealing cap, 12 / pkg.....89.05YE
 Reusable bipolar connecting cable, 9.8 Ft. (3 M)8108.031
 Single use, disposable bipolar connecting cable, 9.8 Ft. (3 M) (10 / pack)8108.011

Bipolar connecting cable table, see Accessories section

ERAGON Bipolar Forceps, 5 mm

Modular Design rotatable



				
Jaw Insert		Sheath	Handle	Complete Instrument
		310 mm WL		• Jaw Insert • Sheath • Handle
	Part Number	83930.921	83930.0102	
 Triangular, fenestrated grasper with serrations	83930.031	•	•	83930.0312
 Maryland grasper / dissector	83930.032	•	•	83930.0322
 Dolphin nose grasper / dissector	83930.033	•	•	83930.0332
 Rectangular, fenestrated grasper with serrations	83930.034	•	•	83930.0342
 Blunt tip grasper	83930.035	•	•	83930.0352
 Grasper with tissue retaining pin	83930.036	•	•	83930.0362
 Metzenbaum scissors	83930.041	•	•	83930.0412

Bipolar cable, Wolf generator, 3 M8108.131
 Bipolar cable, generators with 2-pin connector
 spacing of 28.5 mm (Valleylab), 3 M8108.133

Bipolar cable, generators with 2-pin connector
 spacing of 22 mm (ERBE), 3 M8108.135



Richard Wolf **PowerBlade** Bipolar Forceps, 5 mm
for bipolar cutting and coagulation



Patented bipolar cutting blade				
Connector Style	Diameter	Working Length	Quantity*	Catalog Number
 Connector for Richard Wolf generators	5 mm	310 mm	5 / Box	4393.3865
	5 mm	430 mm	5 / Box	4394.3865
 Connector for Valleylab, ConMed, ERBE style generators	5 mm	310 mm	5 / Box	4393.2865
	5 mm	430 mm	5 / Box	4394.2865

*Individually packed sterile, disposable.

Bipolar generator2352.011

Bipolar Generator 2352

with integrated ammeter

 Laparoscopy



Automatically delivers the lowest power required to achieve thorough coagulation of tissue

Utilizes **cutting** wave form to ensure precise, thorough coagulation of tissue with minimal adherence to forceps

Microprocessor control of all functions and safety systems

Precise pre-selection of power limit from 1 - 50 watts

Acoustic and visual signal when the generator is activated

Proprietary acoustic and visual ammeter assists in determining the endpoint to coagulation

- **acoustic**

the signal varies between 500 Hz and 150 Hz depending on the HF current flow

- **visual**

LED bar display of HF current flow

Continuity test of the generator, cable and instrument system can be performed prior to procedure by closing the jaws of the forceps and activating the foot switch

All basic settings such as power, activation time and acoustic volume can be individually programmed and saved

Bipolar generator

includes foot switch (2030.103)

and 8 ft. power cord.....2352.011

Hysteroscopy

Resection/Ablation

Urogynecology

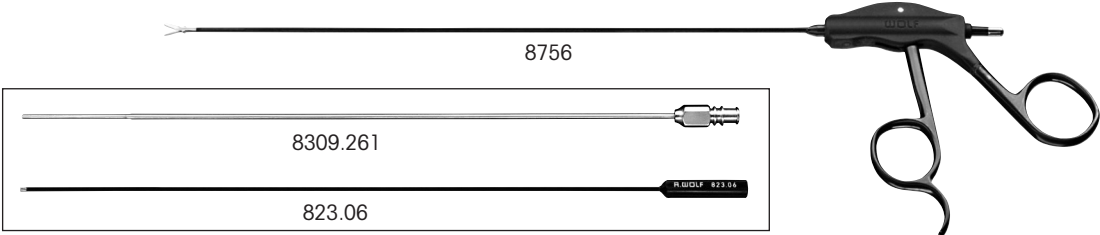
Laparoscopy

Accessories/Parts

Grasping / Biopsy Forceps / Scissors, 2 mm

Single Piece Design Monopolar



		
Instrument	Working Length, 240 mm	Type
 Scissors , straight, dual action blades	●	8756.001
 Dissector , straight, dual action jaw	●	8756.101
 Atraumatic grasping forceps , dual action	●	8756.111
 Universal grasping forceps , dual action	●	8756.121
 Biopsy punch , w/ sharp tip, single action	●	8756.012
Liver biopsy cannula, 2 mm 1.6 mm tip section	●	8309.261
Coagulation button electrode, 2 mm, monopolar	●	823.06

HF connecting cables:

Wolf to Wolf, 10 ft., Reusable8106.132
Wolf to Wolf, 10 ft., Disposable, sterile, 10 / pkg4106.1320

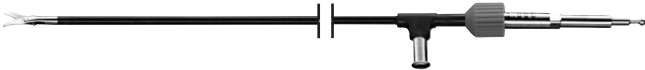
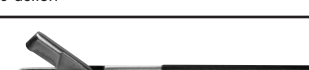
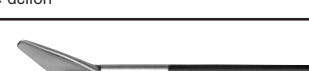
HF connecting cables:

Wolf to Valleylab, 10 ft., Reusable8106.033
Wolf to Valleylab, 10 ft., Disposable, sterile, 10 / pkg4106.0330

Grasping / Dissecting Forceps / Scissors, 3.5 mm

Modular Design Monopolar

 Laparoscopy

Jaw insert	Sheath tube, insulated			Handle type*		Complete instrument
	Part Number	WL 240 mm	WL 310 mm	without ratchet rotatable	with ratchet rotatable	
						
				8393.0003	8393.0004	
 Scissors, "Metzenbaum", curved left, double action	8390.006	•		•		8390.0063
	8391.006		•	•		8391.0063
 Grasping and Dissecting forceps curved left - "Maryland" dissector, double action	8390.205	•			•	8390.2054
	8391.205		•		•	8391.2054
 Atraumatic grasping forceps, double action	8390.204	•			•	8390.2044
	8391.204		•		•	8391.2044
 Universal grasping forceps, double action	8390.254	•			•	8390.2544
	8391.254		•		•	8391.2544
 Babcock grasping forceps, double action	8390.255	•			•	8390.2554
	8391.255		•		•	8391.2554
 Biopsy forceps, spoon-shaped, double action	8391.406		•	•		8391.4063
 Punch biopsy forceps, single action	8391.405		•	•		8391.4053
 Scissors, hook, single action	8391.014		•	•		8391.0143

Rinsing connector locking cap,
for Luer port, 3 mm887.00

*Instruments may also be ordered with
axial handle monopolar . 8393.0005

Grasping / Dissecting Forceps, 5 mm

Modular Design **mody**
line



 Jaw insert		Sheath tube, insulated			Handle type		Complete instrument • Jaw insert • Sheath tube • Handle
					 HF mono without ratchet, rotatable	 HF mono with ratchet, rotatable	
	Part Number	WL 240 mm	WL 310 mm	WL 430 mm	8393.0003	8393.0004	
 Grasping and dissecting forceps, <i>"Maryland dissector", curved with fine horizontal serration, double jaw action</i>	8392.281	•			•		8392.2813
	8393.281		•		•		8393.2813
	8394.281			•	•		8394.2813
 Grasping and dissecting forceps, <i>fine pyramidal-shaped teeth, tapered, 18 mm, double jaw action</i>	8393.289		•			•	8393.2894
 Grasping and coagulation forceps, <i>distal horizontal serrations with cup, double jaw action</i>	8393.287		•		•		8393.2873
 Grasping and dissecting forceps, <i>fine horizontal serrations, fenestrated, double jaw action</i>	8393.183		•		•		8393.1833

Monopolar HF Cables:

For Wolf generator, reusable, 3 M8106.132

For Wolf generator, disposable, sterile, 10 / box4106.1320

For Valleylab generator, reusable, 3 M8106.033

For Valleylab generator, disposable, sterile, 10 / box4106.0330

Grasping / Dissecting Forceps, 5 mm

Modular Design *modu*
line

 Laparoscopy

<i>Jaw insert</i>		<i>Sheath tube, insulated</i>			<i>Handle type</i>			Complete instrument • Jaw insert • Sheath tube • Handle
		WL 240 mm	WL 310 mm	WL 430 mm	 with ratchet rotatable	 without ratchet rotatable	 with ratchet rotatable	
	Part Number	8392.913	8393.913	8394.913	8393.0002	8393.0003	8393.0004	
 Atraumatic grasping forceps, <i>fenestrated with horizontal serrations, double jaw action</i>	8392.181	•					•	8392.1814
	8393.181		•				•	8393.1814
	8394.181			•			•	8394.1814
 Grasping forceps "Babcock", <i>grasping surface with fine horizontal serration, double jaw action</i>	8392.186	•			•			8392.1862
	8393.186		•		•			8393.1862
	8394.186			•	•			8394.1862
 Atraumatic grasping forceps, <i>smooth, double jaw action</i>	8393.195		•			•		8393.1953
	8394.195			•		•		8394.1953
 Grasping and dissecting forceps, <i>fine pyramidal-shaped teeth, tape- red, 14 mm, double jaw action</i>	8393.288		•				•	8393.2884

Hysteroscopy

Resection/Ablation

Urogynecology

Laparoscopy

Accessories/Parts

Grasping / Dissecting Forceps, 5 mm

Modular Design *modu*
line

 Laparoscopy

<i>Jaw insert</i>		<i>Sheath tube, insulated</i>		<i>Handle type</i>		Complete instrument • Jaw insert • Sheath tube • Handle
		 WL 310 mm	 WL 430 mm	 with ratchet, rotatable	 without ratchet, rotatable	
	Part Number	8393.913	8394.913	8393.0002	8393.0003	
 Grasping and dissecting forceps "Dolphin" , fine horizontal serration with jaw cup, tapered, 15 mm long, double jaw action	8393.285	•			•	8393.2853
 Grasping forceps "ALLIS" , fine distal horizontal serrations, tapered, 30 mm, double jaw action	8393.484	•		•		8393.4842
	8394.484		•	•		8394.4842
 Grasping and extraction forceps , 2 x 3 claws, 30 mm, single jaw action	8393.488	•		•		8393.4882
 Grasping forceps with two teeth , wavy grasping surface, single jaw action	8393.489	•		•		8393.4892
	8394.489		•	•		8394.4892
 Grasping forceps with two teeth , wavy grasping surface, double jaw action	8393.490	•		•		8393.4902
	8394.490		•	•		8394.4902

Grasping / Dissecting Forceps, 5 mm

Modular Design **modu**
line

 Laparoscopy

<i>Jaw insert</i>		<i>Sheath tube, insulated</i>		<i>Handle type</i>		Complete instrument • Jaw insert • Sheath tube • Handle
		WL 310 mm	WL 430 mm	 with ratchet, rotatable	 HF mono with ratchet, rotatable	
	Part Number	8393.913	8394.913	8393.0002	8393.0004	
 Universal grasping forceps, pyramidal-shaped teeth and horizontal serrations, 15 mm, double jaw action	8393.481	•			•	8393.4814
 Universal grasping forceps, pyramidal-shaped teeth and horizontal serrations, 25 mm, double jaw action	8393.482	•		•		8393.4822
	8394.482		•	•		8394.4822
 Plate-shaped grasping forceps, fenestrated with horizontal serration, double jaw action	8393.182	•			•	8393.1824
 Grasping and dissecting forceps, fenestrated, fine horizontal serrations, 20 mm long, single jaw action	8393.184	•			•	8393.1844
	8394.184		•		•	8394.1844
 Grasping and dissecting forceps, fenestrated, fine horizontal serrations, 15 mm long, single jaw action	8393.185	•			•	8393.1854

Hysteroscopy

Resection/Ablation

Urogynecology

Laparoscopy

Accessories/Parts

Grasping / Dissecting Forceps, 5 mm

Modular Design **modu**
line

 Laparoscopy

		 HF mono	Complete instrument • Jaw insert • Sheath tube • Handle
	WL 310 mm	with ratchet rotatable	
Part Number	8393.913	8393.0004	
 Grasping and dissecting forceps, "Mixer", angled, fine pyramidal-shaped teeth, double jaw action	8393.283		 8393.2834
 Dissecting forceps "Petelin", angled 30° left, with horizontal serration, single jaw action	8393.282		 8393.2824

Monopolar HF Cables:

For Wolf generator, reusable, 3 M8106.132

For Wolf generator, disposable, sterile, 10 / box4106.1320

For Valleylab generator, reusable, 3 M8106.033

For Valleylab generator, disposable, sterile, 10 / box4106.0330

Grasping Forceps, 5 mm

Modular Design *modu*
line

 Laparoscopy

 Jaw insert	Part Number	Sheath tube, insulated			Handle type		Complete instrument • Jaw insert • Sheath tube • Handle
		WL 240 mm	WL 310 mm	WL 430 mm	 with ratchet rotatable	 with ratchet rotatable	
 Grasping forceps, "Babcock", large distal grasping surface with fine hori- zontal serration, double jaw action	8392.187	•			•		8392.1872
	8393.187		•		•		8393.1872
	8394.187			•	•		8394.1872
 Atraumatic grasping forceps, jaw hollow with wavy teeth border, 20 mm, single jaw action	8393.292		•		•		8393.2922
	8394.292			•	•		8394.2922
 Atraumatic grasping forceps, jaw hollow with wavy teeth border, 20 mm, double jaw action	8393.293		•		•		8393.2932
	8394.293			•	•		8394.2932
 Grasping and extraction forceps, "pike mouth", double jaw action	8393.483		•			•	8393.4834
 Claw grasping forceps, double jaw action	8393.494		•		•		8393.4942

Hysteroscopy

Resection/Ablation

Urogynecology

Laparoscopy

Accessories/Parts

Grasping Forceps, 5 mm

Modular Design *modu*
line



Jaw insert	Sheath tube, insulated		Handle type		Complete instrument • Jaw insert • Sheath tube • Handle
	Part Number	WL 310 mm	WL 430 mm	with ratchet rotatable	
				HF mono	
	8393.485	•		•	8393.4854
Grasping forceps with teeth, double jaw action					
	8393.486	•		•	8393.4864
Grasping forceps with one tooth, fine horizontal serrations, tapered, double jaw action					
	8393.487	•		•	8393.4874
Grasping forceps with two teeth, fine horizontal serrations, single jaw action	8394.487		•	•	8394.4874
	8393.196	•		•	8393.1964
Atraumatic grasping forceps for fine structures, double jaw action	8394.196		•	•	8394.1964

Biopsy Forceps, 5 mm

Modular Design *modu*
line

 Laparoscopy

<i>Jaw insert</i>		<i>Sheath tube, insulated</i>		<i>Handle type</i>	Complete instrument • Jaw insert • Sheath tube • Handle
		WL 310 mm	WL 430 mm	 HF mono without ratchet rotatable	
	Part Number	8393.913	8394.913	8393.0003	
 Biopsy forceps, <i>spiked, double jaw action</i>	8393.091	•		•	8393.0913
	8394.091		•	•	8394.0913
 Biopsy forceps, <i>cutting, single jaw action</i>	8393.092	•		•	8393.0923
	8394.092		•	•	8394.0923
 Hook punch by Frangenheim, <i>cutting, single jaw action</i>	8393.082	•		•	8393.0823
	8394.082		•	•	8394.0823
 Biopsy forceps, <i>pointed spoon forceps, single jaw action</i>	8393.093	•		•	8393.0933
	8394.093		•	•	8394.0933

Hysteroscopy

Resection/Ablation

Urogynecology

Laparoscopy

Accessories/Parts

Scissors, 5 mm

Modular Design **modu**
line



<i>Jaw insert</i>		<i>Sheath tube, insulated</i>			<i>Handle type</i>	Complete instrument • Jaw insert • Sheath tube • Handle
		WL 240 mm	WL 310 mm	WL 430 mm	 HF mono without ratchet rotatable	
	Part Number	8392.913	8393.913	8394.913	8393.0003	
 Scissors, "Metzenbaum", curved left, double jaw action	8392.041	●			●	8392.0413
	8393.041		●		●	8393.0413
	8394.041			●	●	8394.0413
 Scissors, straight, tapered, double jaw action	8392.045	●			●	8392.0453
	8393.045		●		●	8393.0453
	8394.045			●	●	8394.0453
 Hooked scissors, serrated, single jaw action	8393.081		●		●	8393.0813
	8394.081			●	●	8394.0813
 Micro-scissor, "Metzenbaum", left curved, double jaw action	8393.044		●		●	8393.0443

Handle Styles

for modular forceps



Handle style	rotatable	non-rotatable	with ratchet	without ratchet	with HF	without HF	Type
	•			•		•	8393.0001
	•		•			•	8393.0002
	•			•	•		8393.0003
	•		•		•		8393.0004
		•	•			•	8393.0008
		•	•		•		8393.0009
axial handle 		•	•			•	8393.941
		•	•		•		8393.0005

ERAGON monopolar
Grasping / Dissecting Forceps, 5 mm
Single Piece Design



	WL 320 mm	WL 430 mm	with HF-post	ratcheted handle	Type
 Atraumatic grasper, fenestrated	•		•	•	83932046
 "Maryland" dissector	•		•	-	83932056
		•	•	-	83942056
 Blunt Grasping forceps	•		•	-	83932066
 Tubal Grasper, atraumatic	•		•	-	83932176
 "Mixer" right angle grasper	•		•	•	83934146
 "Alligator" grasper	•		•	•	83934156
 "Dolphin Nose" dissector	•		•	-	83934626
		•	•	-	83944626

ERAGON monopolar

Grasping / Dissecting Forceps, 5 mm

Single Piece Design



					
	WL 320 mm	WL 430 mm	with HF-post	ratcheted handle	Type
 Grasper without cup, atraumatic	•		•	-	83932266
		•	•	-	83942266
 "Bullet Nose" grasper	•		•	•	83932346
 Grasper / Dissector with cup	•		•	•	83932366
 Fenestrated Grasper / Dissector	•		•	-	83932416
 Grasper, with wave serration	•		•	-	83932466
 Universal grasping forceps	•		•	•	83932546
 Grasping forceps for fine structures	•		•	•	83932656
		•	•	•	83942656

Monopolar HF Cables:

For Wolf generator, reusable, 3 M8106.132
For Wolf generator, disposable, sterile, 10 / box4106.1320

For Valleylab generator, reusable, 3 M8106.033
For Valleylab generator, disposable, sterile, 10 / box4106.0330

Hysteroscopy

Resection/Ablation

Urogynecology

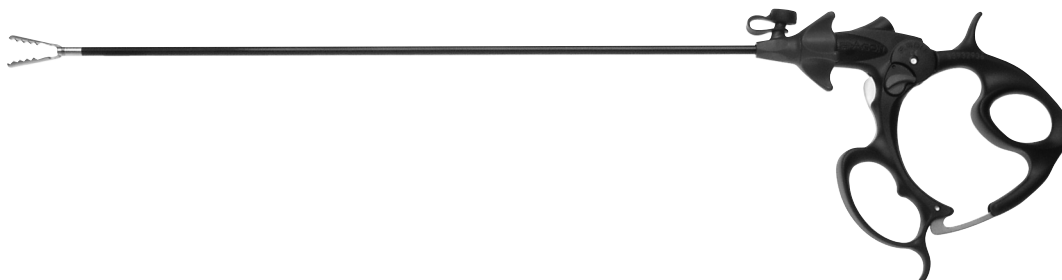
Laparoscopy

Accessories/Parts

ERAGON monopolar

Grasping / Dissecting Forceps, 5 mm

Single Piece Design

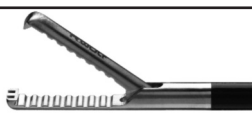


	WL 320 mm	WL 430 mm	with HF-post	ratcheted handle	Type
 Wave side grasper, <i>single action jaw</i>	•		-	•	83932926
		•	-	•	83942926
 Wave side grasper, <i>double action jaw</i>	•		-	•	83932936
		•	-	•	83942936
 "Debakey" grasper, <i>30 mm jaw length</i>	•		-	•	83933226
		•	-	•	83943226
 "Debakey" grasper, <i>curved, 28 mm jaw length</i>	•		-	•	83933236
 "Debakey" grasper, <i>40 mm jaw length</i>	•		-	•	83933246
		•	-	•	83943246
 "Babcock" grasping forceps	•		-	•	83933256
 Paddle "Babcock", atraumatic	•		-	•	83933266

ERAGON monopolar
 Grasping / Dissecting Forceps, 5 mm
 Single Piece Design



Laparoscopy

					
	WL 320 mm	WL 430 mm	with HF-post	ratcheted handle	Type
 Retraction grasper with two teeth	●		-	●	83934896
		●	-	●	83944896
 Bowel grasper, fenestrated, atraumatic	●		-	●	83934946
		●	-	●	83944946
 Gastric band manipulator	340 mm		-	●	83936556
		●	-	●	83946556

Monopolar HF Cables:
 For Wolf generator, reusable, 3 M8106.132
 For Wolf generator, disposable, sterile, 10 / box4106.1320
 For Valleylab generator, reusable, 3 M8106.033
 For Valleylab generator, disposable, sterile, 10 / box4106.0330

Replacement Flush Port Caps
 10 / pkg88.944

Hysteroscopy

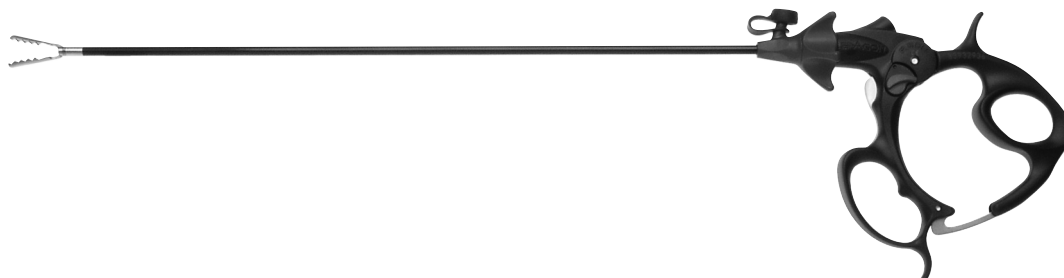
Resection/Ablation

Urogynecology

Laparoscopy

Accessories/Parts

ERAGON monopolar
Scissors / Biopsy Forceps, 5 mm
Single Piece Design



	WL 320 mm	WL 430 mm	with HF-post	ratcheted handle	Type
 Hooked scissors	•		•	-	83930066
		•	•	-	83940066
 Hook punch by Frangenheim	•		•	-	83930166
 "Metzenbaum" scissors	•		•	-	83930246
		•	•	-	83940246
 Adhesiolysis scissors	•		•	-	83930766
 Biopsy forceps, spiked	•		•	-	83934046
 Biopsy forceps, cutting action	•		•	-	83934056

Slide-Ratchet Grasping Forceps, 5 mm

Single Piece Design

Laparoscopy

			
Instrument	310 mm WL	Non-Rotatable	Rotatable
 Wave Side Grasper, single action jaw	●	8383.2927	8383.2925
 Wave Side Grasper, double action jaw	●	8383.2937	8383.2935
 Retraction Grasper with two teeth	●	8383.4897	8383.4895

- ☐ Ergonomic handle with slide-ratchet for secure positioning of the jaw tip

Hysteroscopy

Resection/Ablation

Urogynecology

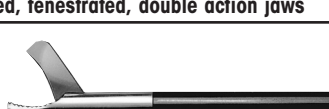
Laparoscopy

Accessories/Parts

Grasping / Biopsy Forceps / Scissors, 5 mm

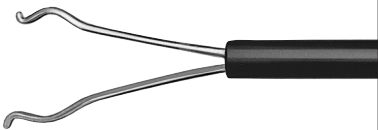
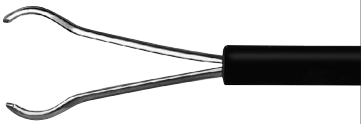
Single Piece Design Monopolar



Handle with cleaning channel and extended finger spur			
Instrument	320 mm WL	450 mm WL	Type
 Grasping forceps, atraumatic, blunt, double action jaws	•		8383.036
 Biopsy forceps with double-spoon jaws and spikes	•		8383.101
 Biopsy forceps, hook punch, single cutting action	•		8383.131
 Grasping forceps, serrated, fenestrated, double action jaws	•		8383.037
 Hooked scissors, serrated, single action blade	•		8383.026
		•	8384.022
 Grasping forceps, with cup flip-away ratchet handle	•		8383.127

Grasping Forceps, 5 mm
Single Piece Design Monopolar

 Laparoscopy

with spring handle			
			
Instrument	320 mm WL	450 mm WL	Type
 Grasping forceps, fenestrated, atraumatic	•		8383.141
		•	8384.141
 Grasping forceps, atraumatic	•		8383.142
 Grasping forceps, atraumatic, for fine structures	•		8383.14
		•	8384.14

HF connecting cables:
Wolf to Wolf, 10 ft., Reusable8106.132
Wolf to Wolf, 10 ft., Disposable, sterile, 10 / pkg4106.1320

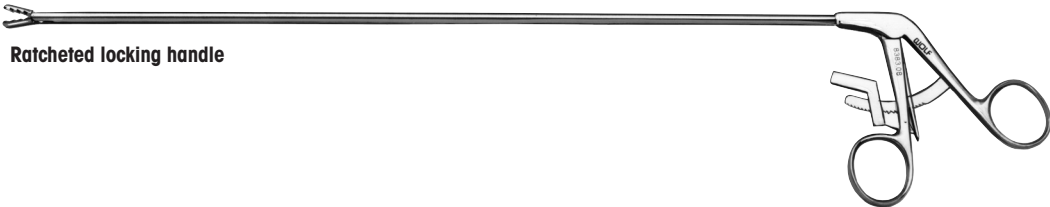
HF connecting cables:
Wolf to Valleylab, 10 ft., Reusable8106.033
Wolf to Valleylab, 10 ft., Disposable, sterile, 10 / pkg4106.0330



Grasping Forceps, 5 mm

Single Piece Design

 with spring handle and cleaning channel		
Instrument	WL	Type
 Atraumatic forceps with grooved plates	310 mm	8383.41

 Ratcheted locking handle		
Instrument	WL	Type
 Grasping forceps, alligator, double action jaw	315 mm	8383.08

Grasping / Dissecting Forceps, 5 mm

Single Piece Design

 Laparoscopy

 Spring-action handle, extended finger spur and cleaning channel		
Instrument	WL	Type
 Dissecting forceps by Petelin, spring-assisted closing action, angled 30° left, single action jaw	315 mm	8383.581
 Dissecting forceps by Petelin, spring-assisted closing action, angled 60° left, single action jaw	315 mm	8383.582
 Introducing sleeve 5 / 10 mm with sealing cap (89.02 BL)	Required for use with the instruments listed above:	8934.981

Hysteroscopy

Resection/Ablation

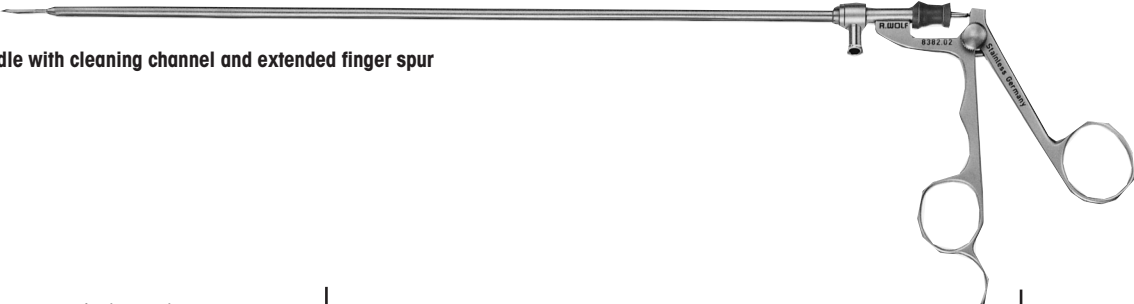
Urogynecology

Laparoscopy

Accessories/Parts

Scissors, 5 mm

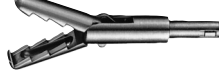
Single Piece Design

 Handle with cleaning channel and extended finger spur		
Instrument	WL	Type
 Micro scissors, single action blade	310 mm	8382.02
 Sawtooth scissors, straight, blunt, single action blade	320 mm	8383.46

Grasping / Dissecting Forceps, 10 mm

Modular Design



Jaw insert	Sheath tube, non-insulated		Handle type*	Complete instrument • Jaw insert • Sheath tube • Handle
	Part Number	WL 310mm		
			 with ratchet rotatable, no HF	
	8395.204	•	•	8395.2042
Grasping forceps, 2 / 3 claws single action				
	8395.214	•	•	8395.2142
Atraumatic grasping forceps, "Babcock", double action				
	8395.215	•	•	8395.2152
Atraumatic bowel grasping forceps, single action				
	8395.224	•	•	8395.2242
Universal grasping forceps, double action				
	8395.234	•	•	8395.2342
Atraumatic plate-shaped grasping forceps, double action				
	8395.235	•	•	8395.2352
Grasping forceps by Debakey, double action				
	8395.236	•	•	8395.2362
Grasping forceps with alligator jaws, double action				
	8395.225	•	•	8395.2252
Grasping and dissecting forceps, "Maryland", double action				

Hysteroscopy

Resection/Ablation

Urogynecology

Laparoscopy

Accessories/Parts

Grasping / Dissecting Forceps, 10 mm

Modular Design



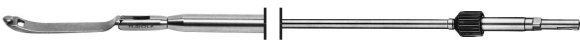
Jaw insert	Sheath tube, non-insulated		Handle type		Complete instrument • Jaw insert • Sheath tube • Handle
				<i>axial</i> 	
		WL 310 mm	with ratchet rotatable, no HF	ratcheted non-rotatable, no HF	
	Part Number	8395.901	8393.0002	8393.941	
 Dissecting forceps, right angled, double action	8395.226	•	•		8395.2262
 Grasping forceps, spoon-shaped, single action	8395.244	•	•		8395.2442
 Grasping and manipulation forceps, double action	8395.504*	•	•		8395.5042
 "Babcock" grasper, large distal pads, double action	8395.187	•	•		8395.1872
 Grasping and extraction forceps, double action	8395.483	•	•		8395.4832
 Claw grasper, tenaculum double action	8395.489	•		•	8395.486

* Only for use through 15 mm trocar sleeves or
10 mm flexible trocar sleeves

Specialty Forceps, Extended Length, 10 mm

Modular Design

Laparoscopy

Jaw insert		Sheath tube, non-insulated		Handle Type	Complete instrument • Jaw insert • Sheath tube • Handle
		WL 370 mm		 with ratchet, rotatable, no HF	
Part Number		8397.901		8393.0002	
	8397.654S01	•	•	•	8397.6542 S01
Articulating dissector					
	8397.655	•	•	•	8397.6552
Anvil grasper for circular stapler					

Scissors, 10 mm

Modular Design

Jaw insert		Sheath tube, non-insulated		Handle type	Complete instrument • Jaw insert • Sheath tube • Handle
		WL 310 mm		 without ratchet, rotatable, no HF	
Part Number		8395.901		8393.0001	
	8395.005	•	•	•	8395.0051
Scissors, curved left, double action					

Hysteroscopy

Resection/Ablation

Urogynecology

Laparoscopy

Accessories/Parts

Grasping / Dissecting Forceps, 10 mm

Single Piece Design

Rotating handle with flush port		Handle type	Complete instrument • Integrated jaw insert, sheath and handle
			
Instrument	WL 310 mm	Rotatable Ratcheted, no HF	Product Code
 Grasping Forceps, spoon shape	•	•	8395.2447
 2/3 Claw Forceps, single action	•	•	8395.2047
 Babcock Grasper, double action	•	•	8395.2147
 Dissecting Forceps, right angled	•	•	8395.2267
 Tenaculum Grasping Forceps	•	•	8395.2367
 Babcock Grasper with Serrated Pad	•	•	8395.2247

Grasping Forceps, 10 mm
Single Piece Design

Laparoscopy

Spring-action handle, extended finger spur with cleaning channel 		
Instrument	WL	Type
 Grasping forceps, 2 / 3 pronged, single action jaw	335 mm	8385.10
 Grasping forceps, spoon-shaped, single action jaw	335 mm	8385.12
 Alligator grasping and extraction forceps, single action jaw	335 mm	8385.13

Hysteroscopy

Resection/Ablation

Urogynecology

Laparoscopy

Accessories/Parts

Needle Holders, 3.5 mm / 5 mm / 10 mm

Modular Design



Inner section with sheath tube and irrigation tap					Handle Type	Complete instrument
					 axial handle	• Jaw insert • Sheath tube • Handle
Instrument	Type	Ø	WL 340 mm	WL 430 mm	8393.941	Type
 Needle holder, straight with carbide insert, single action	8391.504	3.5mm	•		•	8391.501
 Needle holder, straight, serrated, single action	8393.504	5mm	•		•	8393.501
 Needle holder, straight with carbide insert, single action	8393.505	5mm	•		•	8393.502
	8394.505	5mm		•	•	8394.502
 Needle holder, curved right with carbide insert, single action	8393.514	5mm	•		•	8393.511
	8394.514	5mm		•	•	8394.511
 Needle holder, curved left with carbide insert, single action	8393.515	5mm	•		•	8393.512
	8394.515	5mm		•	•	8394.512
 Multifunction needle holder by Sarbu* single action	8393.506	5mm	•		•	8393.503
	8394.506	5mm		•	•	8394.503
 Needle holder, straight with carbide insert, single action	8395.524	10mm	•		•	8395.521

*with automatic needle alignment mechanism and cutting edge for cutting suture

- ☐ Modular needle holder with carbide insert suitable for straight and curved needles

Rinsing connector locking cap

for Luer port, 3 mm.....887.00

Hysteroscopy

Resection/Ablation

Urogynecology

Laparoscopy

Accessories/Parts



Needle Holder, 5 mm
Single Piece Design

Axially aligned handle with locking mechanism



Instrument	WL 310 mm	Type
 Needle holder, straight by Messroghli	●	8383.533

Knot Pusher, 5 mm

Modular Design for extracorporeal suturing

Laparoscopy

Jaw insert		Sheath tube, insulated		Handle type	 Complete instrument • Jaw insert • Sheath tube • Handle
		 WL 310 mm		 without ratchet, rotatable, no HF	
Instrument	Type	8393.913	8393.0001	Type	
 Knot pusher, both jaws opening, with distal fork, double action	8393.345	•	•	8393.3451	

Knot Pusher, 5 mm

for endoscopic suturing

		
Instrument	Working Length	Type
 Knot pusher, for intra-abdominal knots	330 mm	8383.55
 Knot pusher, for extracorporeal knots*	330 mm	8383.551*

*for use with applicator 8383.78

Hysteroscopy

Resection/Ablation

Urogynecology

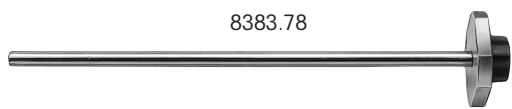
Laparoscopy

Accessories/Parts

Knot Pusher, 5 mm for extracorporeal suturing

		
	330 mm WL	Typen / Types
 Extracorporeal knot pusher with distal notch and lateral opening for optimum knotting, extremely atraumatic tip for use as probe		8383.552

Applicator / Ligature Loops, 5 mm for endoscopic suturing

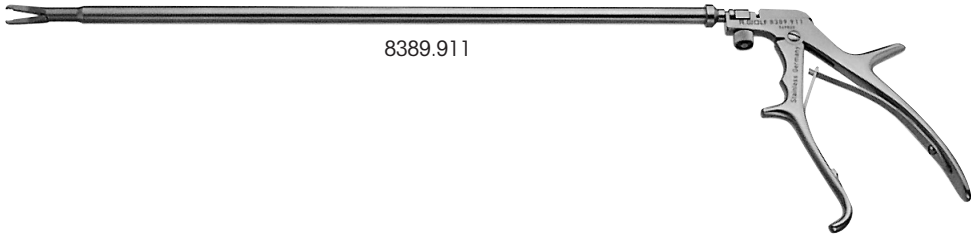
		
	8383.78	
Instrument	Working Length	Type
Applicator, with sealing cap*	155 mm	8383.78

*For ligature loops or for introducing a suture with the 3 mm needle holder

Replacement sealing caps, 12 / pkg, blue89.02BL

Clip Applicator, 10 mm

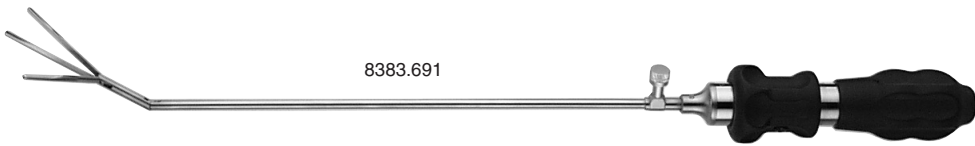
Laparoscopy

 8389.911		
Instrument	Working Length	Type
 Clip applicator	340 mm	8389.911
 Introducing sleeve	Introducing sleeve, with sealing cap (89.02BL)	8389.991

For clip ligation
using the Ethicon Ligacip® EXTRA LT 300

Tissue Retractors

Laparoscopy

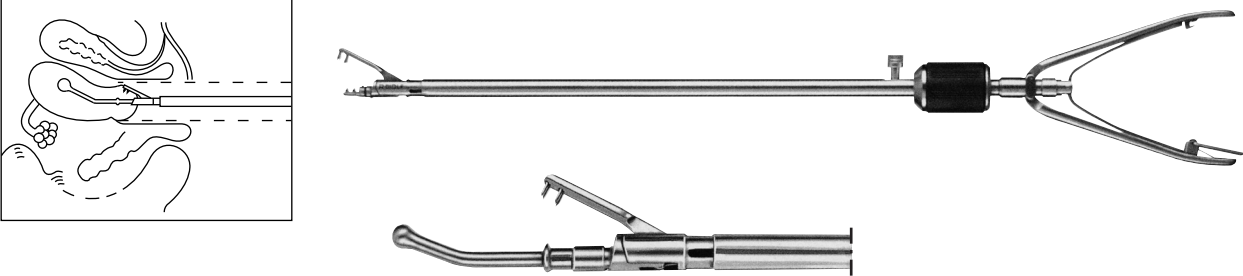
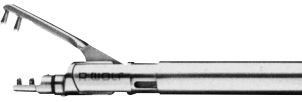
 8383.691			
Instrument	OD	Working Length	Type
 Tissue retractor, straight prongs	5 mm	320 mm	8383.691
 Tissue retractors, S-shaped, set of two	12 mm	170 mm	8928.90

Myoma Screw, 5 mm / 10 mm

		
Instrument	Working Length	Type
 Myoma screw, rigid, 5 mm	320 mm	8383.611
 Myoma screw, rigid, 10 mm	320 mm	8385.301

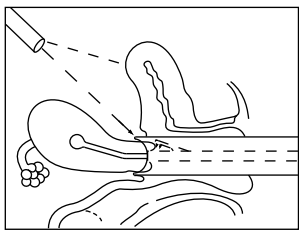
Uterine Manipulator, 12 mm
for total laparoscopic hysterectomy or LAVH



		
Instrument	Working Length	Type
 Uterus manipulator , includes probe tips, 8370.511, 8370.512 and 8370.513	300 mm	8370.501
 Probe tip , short, bulb 7.5 mm	45 mm	8370.511
 Probe tip , medium, bulb 7.5 mm	65 mm	8370.512
 Probe tip , large, bulb 10 mm	85 mm	8370.513

The uterine manipulator has a moveable insertion probe (short, medium, long) and a locking mechanism that makes it possible to manipulate and fix the uterus in a variety of positions. The uterine manipulator is used in combination with the vaginal delineator by Reich (8983.011)

Vaginal Delineator by Reich
for total laparoscopic hysterectomy or LAVH



Instrument	Diameter	Working Length	Part Number
 Vaginal delineator by Reich	45 mm	240 mm	8983.011
 Obturator	40 mm	300 mm	8983.111
Instrument port with bayonet lock inner diameter 2 x 10 mm. Sealing cap 89.08RE and sealing cap with hole 89.21RE			8983.201

The vaginal delineator serves to form a seal around and to demarcate the cervix.

The impression of the tip of the vaginal delineator is visible in the pelvis during a total laparoscopic hysterectomy or laparoscopically assisted vaginal hysterectomy, thereby serving as a guide and providing support during dissection.

There is a visible alignment indicator on the outside of the vaginal delineator which aids in its placement inside the vagina.

During dissection and opening of the posterior fornix, the vaginal delineator provides a seal that maintains the pneumoperitoneum. This also permits laparoscopic closure of the vaginal cuff.

Tenaculum Grasping Forceps for myomectomy or LAVH

 Laparoscopy

Axially aligned handle with locking mechanism			
			
Instrument	Diameter	Working Length	Type
 Tenaculum grasping forceps, dual action jaws	10 mm	300 mm	8385.181

☐ For grasping fibroids or uterine tissue for morcellation

Trocar sleeve, 15 mm.....8943.60

Dilatation 10-15 mm rod, and sleeve set8943.601

Axial handle with ratchet			
			
Instrument	Diameter	Working Length	Type
 Tenaculum grasping forceps, dual action jaws	5 mm single-piece instrument	340 mm	8370.26
	10 mm modular instrument • insert 8395.489 • sheath 8395.901 • handle 8393.941	340 mm	8395.486

Hysteroscopy

Resection/Ablation

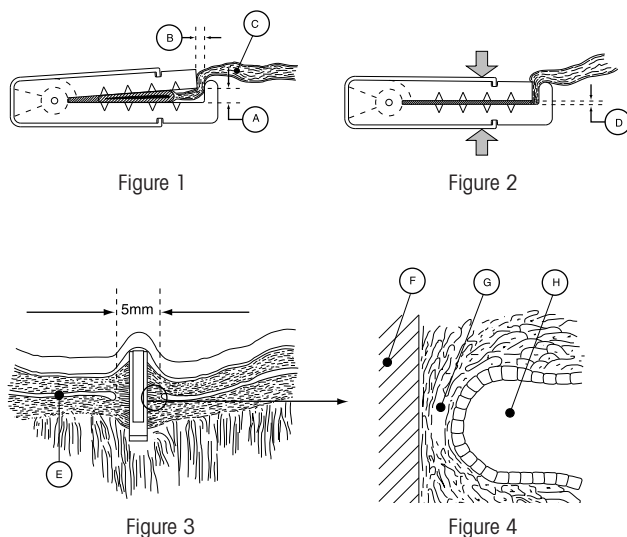
Urogynecology

Laparoscopy

Accessories/Parts

How does the clip work?

The Hulka Clip incorporates two features in its design to reduce trauma to tissue during application. First, when the clip is initially applied, **(Figure 1)**, it is designed to *gradually* compress the tube. Full occlusion of the tubal lumen is achieved over 24 – 48 hours **(Figure 2)**. Second, a 1 mm space at the end of the upper jaw **(Figure 1,B)** allows room for the mesosalpinx, preventing tearing and bleeding.



Legend

- A - Tissue between jaws at application gradually closes
- B - 1 mm space at end of upper jaw
- C - Mesosalpinx
- D - Tubal lumen 24 – 48 hours after 1 application
- E - Lumen
- F - Hulka Clip
- G - Scar
- H - Healed lumen forms blind pouch

Approximately six weeks post-op, epithelialization and healing are complete. **(Figures 3 and 4)**. The scarred endosalpinx forms a pouch-like seal **(Figure 4,H)** on both sides of the clip, completely occluding the tubal lumen. Over the next 4 – 6 weeks the clip is covered by peritoneal tissue that grows over it from the adjacent edges of viable tube.

Key features:

- ☐ The Hulka Clip spring delivers pressure equal to two times normal arterial pressure which ensures complete occlusion and keeps the clip in place.
- ☐ The Hulka Clip compresses the tube gradually over 24 – 48 hours to avoid transection and bleeding.
- ☐ The Hulka Clip jaws are lined with a system of small teeth that stabilize the tube and prevent slippage during and after application.
- ☐ A 1 mm space at the end of the upper jaw prevents tearing and bleeding of the mesosalpinx.
- ☐ The Hulka Clip occludes 4 – 5 mm of fallopian tube, increasing the likelihood of success should reversal be desired.
- ☐ Because the Hulka Clip utilizes minimal tube lengths, patients experience less post-operative discomfort than those sterilized with other mechanical methods.

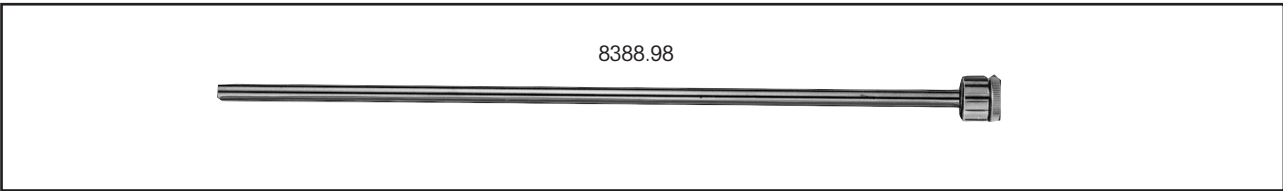
Hulka Clip Applicator, 7 mm

gradual occlusion using minimal tubal length

 Laparoscopy

For tubal sterilization			
			
Instrument	Double Puncture Working Length 300 mm	Single Puncture Working Length 440 mm	Type
			8387.84
Hulka clip applicator			8388.84

Hulka clips,
10 pairs / box, sterile**4986.09**



Reducing sleeve8388.98
To allow use of the 7 mm Hulka clip applicator (8388.84) in the 8 mm working channel of the operating telescope (8914.31).

Device stop8388.991
For use of the 7 mm Hulka clip applicator (8388.84) in the 7.3 mm working channel of the operating laparoscope (8914.402).

Hysteroscopy

Resection/Ablation

Urogynecology

Laparoscopy

Accessories/Parts

Electrodes, *1.7 mm, 3 mm*
monopolar

			
Instrument	Diameter	Working Length	Type
 Coagulation button electrode	1.7 mm	400 mm	823.06
	3 mm	450 mm	8380.40

HF connecting cables:
Wolf to Valleylab, 10 ft., Reusable815.033
Wolf to Valleylab, 10 ft., Disposable, sterile, 10 / pkg415.0030

Electrodes, *3.5 mm*
monopolar

		
Instrument	Working Length 310 mm	Type
 Hook electrode	•	8379.452
 Button electrode	•	8379.462
 Needle electrode	•	8379.482

HF connecting cables:
Wolf to Wolf, 10 ft., Reusable8106.132
Wolf to Wolf, 10 ft., Disposable, sterile, 10 / pkg4106.1320

HF connecting cables:
Wolf to Valleylab, 10 ft., Reusable8106.033
Wolf to Valleylab, 10 ft., Disposable, sterile, 10 / pkg4106.0330

Electrodes, 5 mm
monopolar



			
Instrument	Working Length 330 mm	Working Length 450 mm	Type
	●		8383.40
		●	8384.40
Button electrode			

HF connecting cable:
Wolf to Valleylab, 10 ft., Reusable815.033

			
Instrument	Working Length 340 mm	Working Length 420 mm	Product Code
	●		8383.423
		●	8384.423
	●		8383.425
		●	8384.425
	●		8383.426
	●		8383.428
L-Hook electrode			
J-Hook electrode			
Needle electrode			
Spatula electrode			

HF connecting cables:
Wolf to Wolf, 10 ft., Reusable8106.132
Wolf to Wolf, 10 ft., Disposable, sterile, 10 / pkg4106.1320

HF connecting cables:
Wolf to Valleylab, 10 ft., Reusable8106.033
Wolf to Valleylab, 10 ft., Disposable, sterile, 10 / pkg4106.0330

Hysteroscopy

Resection/Ablation

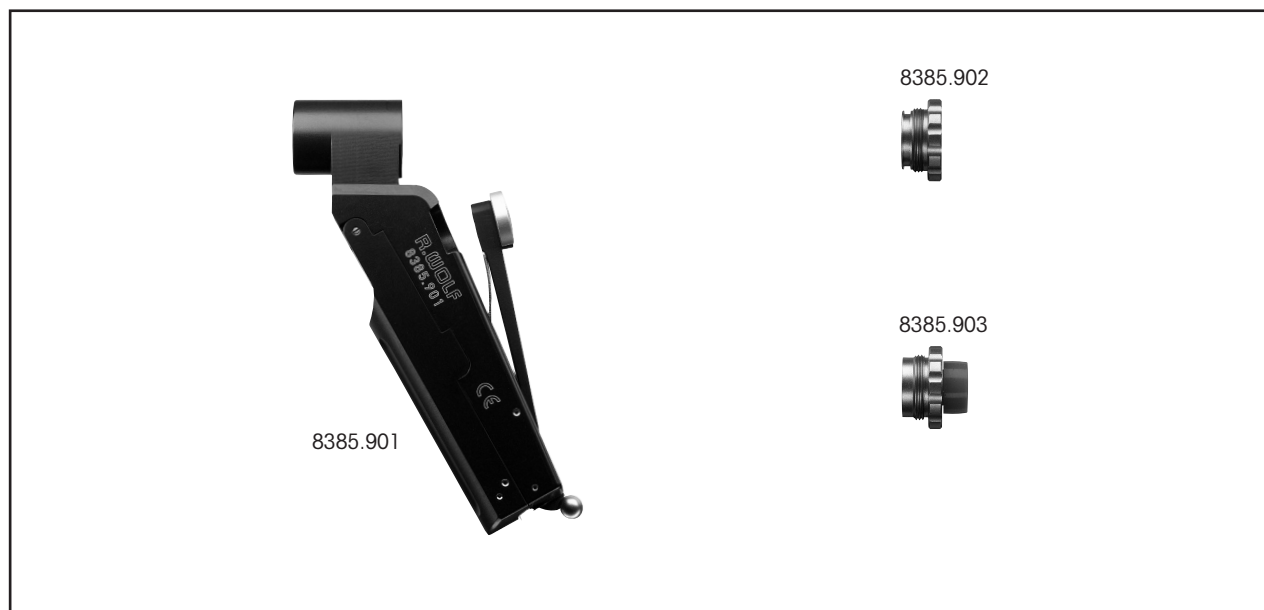
Urogynecology

Laparoscopy

Accessories/Parts

Multifunction Suction-Irrigation System

Suction-Irrigation Handle



- ☐ Autoclavable
- ☐ Durable
- ☐ Low long-term costs
- ☐ Universal applications
- ☐ Interfaces for various attachments
- ☐ Large lumen for efficient irrigation and suction

Suction-irrigation handle8385.901

Sealing cap8385.902

Required to use 5 mm Ø auxiliary instruments:

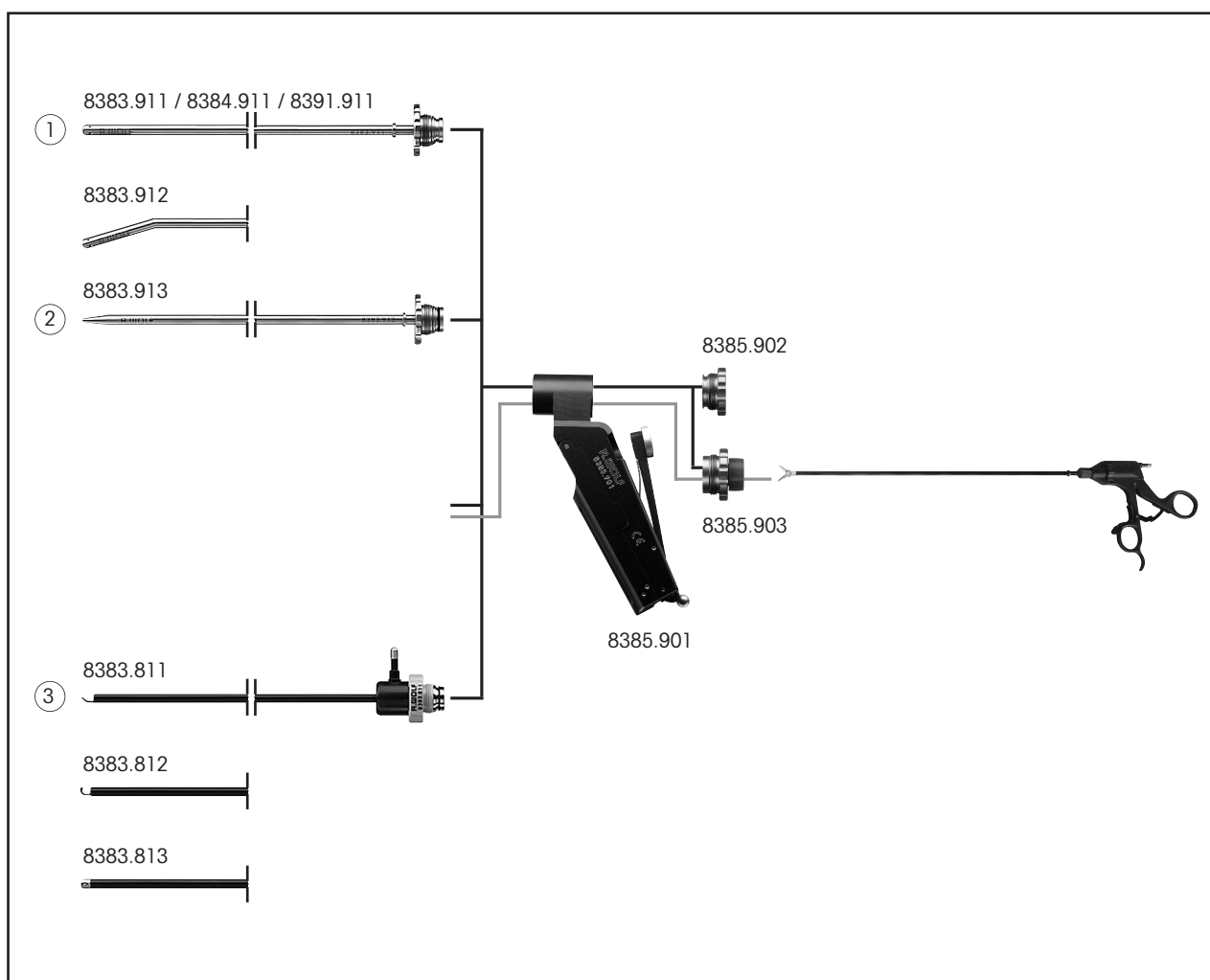
Sealing attachment with opening
and membrane valve.....8385.903

Spare membrane valve8920.911

Suction-irrigation tube set,
disposable, 10 / pkg4170.956

Multifunction Suction-Irrigation System

Possible Combinations



- 1 Suction or irrigation:**
 - Suction-irrigation8383.911, 8384.911, 8391.911
 - Suction-irrigation tube, angled, (thoracoscopy)8383.912
 - also: sealing cap8385.902
- 2 Blunt aquadissection**
 - Pressure irrigation tube8383.913
 - also: sealing cap8385.902
- 3 Tissue dissection with HF**
 - HF spatula probe8383.811
 - HF hooked probe8383.812
 - HF button electrode8383.813
 - also: sealing cap8385.902

Hysteroscopy

Resection/Ablation

Urogynecology

Laparoscopy

Accessories/Parts

Multifunction Suction-Irrigation System

Suction-Irrigation Tubes

			
Instrument	Ø	WL	Type
 Suction-irrigation tube	3.5 mm	310 mm	8391.911
 Suction-irrigation tube	5 mm	310 mm	8383.911
	5 mm	450 mm	8384.911
	5 mm	310 mm <i>Curved distal tip</i>	8383.912
 Irrigation tube for aquadissection	5 mm	310 mm	8383.913
Required for 8385.931 / .951: Sealing attachment with opening and membrane valve Spare membrane valve (8920.911)			8385.903

Multifunction Suction-Irrigation System

monopolar instruments



Laparoscopy

			
Instrument	5 mm Ø	WL 310 mm	Type
 HF spatula probe	•	•	8383.811
 HF hook electrode	•	•	8383.812
 HF button electrode	•	•	8383.813
as an alternative to the suction irrigation handle: Irrigation attachment with two-way tap			8383.819

Laparopump 2215

Technical Data



- ❑ Effective irrigation and aspiration of fluids during laparoscopic, minimally invasive surgery
- ❑ Simple handling and straightforward unit design
- ❑ Optimum irrigation and aspiration performance
- ❑ Compatible with suction-irrigation instruments with integrated valves, particularly suitable for modular suction / irrigation handles from R. Wolf
- ❑ Extremely safe due to intelligent pressure management controls
- ❑ Simple attachment to irrigator for either I.V. stands or video carts

Laparopump 2215

110-120V, 60 Hz including mounting bracket

(2215.991) for IV stand and power cord2215.002

Laparopump 2215

Technical Data



<i>Classification</i>	<i>Protection class 1, type BF, IP41</i>
<i>Power supply</i>	<i>110-120V; 60 Hz</i>
<i>Power consumption</i>	<i>55 VA</i>
<i>Dimensions (W x H x D)</i>	<i>143 x 317 x 170 mm</i>
<i>Maximum capacity</i>	<i>Irrigation: 1.8 l / min, Aspiration: 1.8 l / min</i>
<i>Maximum irrigation pressure</i>	<i>400 mm Hg (±50 mm Hg)</i>
<i>Vacuum, minimum</i>	<i>-60 kpa (-10 kpa)</i>
<i>Weight</i>	<i>approx. 6 kg</i>

Accessories:

Suction and irrigation tube set

disposable, sterile, 10 / pkg.....4170.225

Tube set for attachment to suction port

with filter, disposable, 10 / pkg.....4170.902

Suction canisters

*3 liter, complete with lids, connecting tubes and elbow fittings,
disposable, 36 / pkg.....2215.972*

Mounting bracket for suction canister2215.992

Wire rings

for holding suction canisters, 12 / pkg.....2215.973

I.V. pole

with sturdy 5-arm base2215.974

For mounting on the side of equipment / video carts

mounting rail for use on flat vertical surfaces31110.901

clamps for holding I.V. pole to mounting rail (qty 2)31110.902

I.V. pole used with clamps and mounting rail.....31110.905

spacers for use with mounting rail75093.052

Hysteroscopy

Resection/Ablation

Urogynecology

Laparoscopy

Accessories/Parts

Suction / Irrigation Tube, *3 mm*
with Luer lock connector



		
Instrument	Working Length	Type
 Coagulating suction tube, with Luer lock connector	450 mm	8380.71

HF connecting cables:
Wolf to Wolf, 10 ft., Reusable8106.132
Wolf to Wolf, 10 ft., Disposable, sterile, 10 / pkg4106.1320

HF connecting cables:
Wolf to Valleylab, 10 ft., Reusable8106.033
Wolf to Valleylab, 10 ft., Disposable, sterile, 10 / pkg4106.0330

Suction / Irrigation Tubes, 5 mm



		
Instrument	Working Length	Type
 Suction / irrigation tube with Luer lock connector (4 mm inner diameter) with distal openings	300 mm	8383.51
 Suction tube with Luer lock connector,	330 mm	8383.72
 Suction and instillation tube, with Luer lock connector (3 mm inner diameter)	320 mm	8383.77

		
Instrument	Working Length	Type
 Suction / Irrigation tube with Luer lock connector, graduated markings, valve, (3 mm inner diameter), distal openings	330 mm	8383.68
	445 mm	8384.68

Hysteroscopy

Resection/Ablation

Urogynecology

Laparoscopy

Accessories/Parts

Suction / Irrigation Tubes, 5 mm



		
Instrument	Working Length	Type
	290 mm	8383.732
Suction / irrigation tube, with central and lateral, distal openings, two-way lever valve	410 mm	8384.732

		
Instrument	Working Length	Type
	300 mm	8383.94
Combination suction and irrigation tube, with finger valves, lateral, distal opening		

		
Instrument	Working Length	Type
	320 mm	8383.755
Combination suction and irrigation tube, with trumpet valves, lateral, distal opening		

Proximal end-cap8852.90

Coagulation / Suction Tubes, 5 mm
monopolar

with Luer lock connector and one valve			
			
Instrument	Working Length 315 mm	Working Length 450 mm	Type
	•		8383.71
Coagulation / Suction tube , with trumpet valve, Luer lock connector, (3 mm inner diameter), lateral, distal openings		•	8384.71
	•		8383.73*
Coagulation / Suction tube , with stopcock valve, Luer lock connector (3 mm inner diameter), lateral, distal openings		•	8384.73*

HF connecting cable:

Wolf to Wolf, 10 ft, Reusable.815.132

HF connecting cables:

Wolf to Valleylab, 10 ft., Reusable815.033

Wolf to Valleylab, 10 ft., Disposable, sterile, 10 / pkg415.0030

***HF connecting cables:**

Wolf to Wolf, 10 ft., Reusable8106.132

Wolf to Wolf, 10 ft., Disposable, sterile, 10 / pkg4106.1320

***HF connecting cables:**

Wolf to Valleylab, 10 ft., Reusable8106.033

Wolf to Valleylab, 10 ft., Disposable, sterile, 10 / pkg4106.0330

Cannulas, 2 mm
for laparoscopic Microsurgery

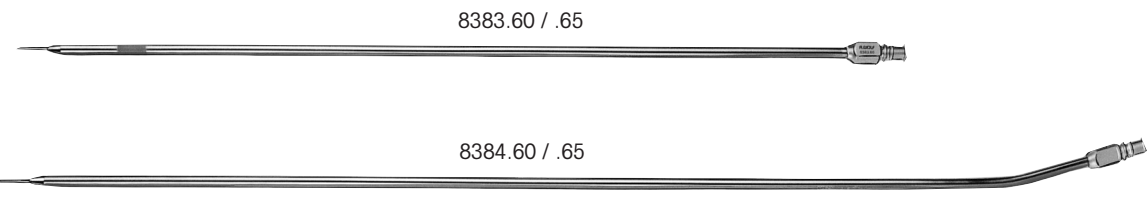
			
Instrument	Ø	WL 240 mm	Type
 Injection and aspiration cannula	1.4 / 2.0 mm	●	8309.241
 Liver biopsy cannula	1.6 / 2.0 mm	●	8309.261

Cannulas, 3.5 mm
with Luer lock connector

			
Instrument	Tip Diameter	Working Length	Type
 Aspiration / injection needle	17 G	310 mm	8379.732

Cannulas, 5 mm
with Luer lock connector



				
Instrument	Tip Diameter	Working Length 345 mm	Working Length 415 mm	Type
 Injection and puncture cannula with Luer lock connector (3 mm inner diameter)	0.7 mm (22 G)	●		8383.60
			●	8384.60
 Injection cannula with Luer lock connector (3 mm inner diameter)	1.8 mm (15 G)	●		8383.65
			●	8384.65
 Insertion sleeve Prevents the tip of the cannula from damage when opening the valve of the trocar sleeve.	—			8383.00

Hysteroscopy

Resection/Ablation

Urogynecology

Laparoscopy

Accessories/Parts

Cannulas, 5 mm

with suction control and Luer lock connector

Laparoscopy

		
Instrument	Working Length	Type
 Puncture cannula with suction control and 4 mm Luer lock connector (3 mm inner diameter)	315 mm	8383.49
 Insertion sleeve Prevents the tip of the cannula from damage when opening the valve of the trocar sleeve.		8383.00

Probes, 5 mm



			
Instrument	Working Length 320 mm	Working Length 445 mm	Type
 Probe, graduated (cm) for palpation and measurement with centimeter markings up to 10 cm		●	8384.66
 Probe solid with centimeter markings up to 5 cm	●		8383.661
		●	8384.661
 Probe solid* titanium (grey matte finish), with centimeter markings up to 5 cm	●		8383.662
		●	8384.662

*For use with lasers

Hysteroscopy

Resection/Ablation

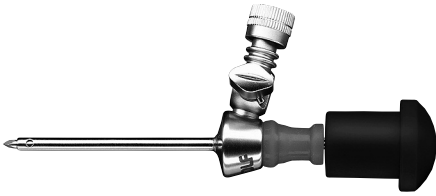
Urogynecology

Laparoscopy

Accessories/Parts

Trocar Sleeves, 2 mm

with automatic valve

Trocar sleeve					
					
Instrument	WL	Inner Diameter	Without Port	With Port	Trocar, pyramidal tip
metal sleeve, standard	60 mm	2 mm	—	8309.012	8309.121
 with straight distal tip	100 mm	2 mm	—	8309.014	8309.123
plastic sleeve	60 mm	2 mm	8309.072	—	8309.121
 with retaining thread					

Replacement sealing caps, 12 / pkg.,
for 2 mm trocar sleeves, 1-2 mm, red88.01RE

Luer locking cap,
for Luer port, 3 mm887.00

RIWO-ART Trocar Sleeves, 3.5 mm

with self sealing magnetic ball-valve



RIWO-ART trocar sleeves with insufflation port 					
Instrument	WL	Inner Diameter	With Port	Trocar, blunt, conical tip	Trocar, pyramidal tip
metal sleeve, standard	100 mm	3.5 mm	8903.014	8903.103	8903.123
straight distal tip					
plastic sleeve	60 mm	3.5 mm	8903.072	8903.101	8903.121
with retaining thread	100 mm	3.5 mm	8903.034	8903.103	8903.123

Replacement ball,

for RIWO-ART trocar sleeves, 3.5 mm.....8921.901

Replacement O-rings, 10 / pkg,

for RIWO-ART trocar sleeves, 3.5 mm.....8921.951

Replacement sealing caps, 12 / pkg,

for RIWO-ART trocar sleeves, 3.5 mm, red.....89.01RE

Hysteroscopy

Resection/Ablation

Urogynecology

Laparoscopy

Accessories/Parts

RIWO-ART Trocar Sleeves, 5.5 mm

with self sealing magnetic ball-valve



RIWO-ART trocar sleeves with insufflation port 					 Trocar, blunt, conical tip	 Trocar, conical tip	 Trocar, pyramidal tip
Instrument	WL	Inner Diameter	Without Port	With Port			
 metal sleeve, standard	60 mm	5.5 mm	8921.052	—	8921.101	8921.111	8921.121
	100 mm	5.5 mm	—	8921.014	8921.103	8921.113	8921.123
	150 mm	5.5 mm	—	8921.016	8921.105	8921.115	8921.125
 metal sleeve, standard oblique distal tip	60 mm	5.5 mm	8921.051	—	8921.101	8921.111	8921.121
	100 mm	5.5 mm	—	8921.013	8921.103	8921.113	8921.123
 metal sleeve with retaining thread	60 mm	5.5 mm	8921.062	—	8921.101	8921.111	8921.121
	100 mm	5.5 mm	—	8921.024	8921.103	8921.113	8921.123
	150 mm	5.5 mm	—	8921.026	8921.105	8921.115	8921.125
 metal sleeve with retaining thread oblique distal tip	60 mm	5.5 mm	8921.061	—	8921.101	8921.111	8921.121
	100 mm	5.5 mm	—	8921.023	8921.103	8921.113	8921.123
 Plastic sleeve with retaining tread	60 mm	5.5 mm	8921.072	—	8921.101	8921.111	8921.121
	100 mm	5.5 mm	—	8921.034	8921.103	8921.113	8921.123

Replacement ball,
for RIWO-ART trocar sleeves, 5.5 mm.....8921.901

Replacement sealing caps, 12 / pkg,
for RIWO-ART trocar sleeves, 5.5 mm, blue89.02BL

Replacement O-rings, 10 / pkg,
for RIWO-ART trocar sleeves, 5.5 mm.....8921.951

Trocar Sleeves, 5.5 mm



 Self-retaining, threaded, reusable, plastic trocar sleeve with automatic membrane valve, (8920.911) and sealing caps (89.02BL)				 	
Instrument	WL	Inner Diameter	Type	Trocar, conical tip	Trocar, pyramidal tip
	55 mm*	5.5 mm	8920.001	8920.011	8920.021
	95 mm	5.5 mm	8920.003	8920.013	8920.023
 Insertion sleeve	<i>This sleeve prevents the tip of the cannula being damaged when opening the valve of the trocar sleeve and protects instrument accessories (for example sealing caps, membrane valves etc.) from being damaged by sharp instruments.</i>				8383.00

*also suitable for pediatric laparoscopy

Replacement membrane valves, 10 / pkg89.103

Replacement sealing caps, 12 / pkg,
for 5.5 mm trocar sleeves, 5.5 mm, blue89.02 BL

Replacement cap housing, 1 / pkg,
for 5.5 mm trocar sleeves, (8920)15135.270

Hysteroscopy

Resection/Ablation

Urogynecology

Laparoscopy

Accessories/Parts

Trocar Sleeves, 5.5 mm



Reusable, plastic trocar sleeve with stopcock



Instrument	WL	Inner Diameter	Type	Trocar, conical tip	Trocar, pyramidal tip
	65 mm	5.5 mm	8919.333	8919.3312	8919.3313
	105 mm	5.5 mm	8919.353	8919.3512	8919.3513
 Insertion sleeve	<i>This sleeve prevents the tip of the cannula being damaged when opening the valve of the trocar sleeve and protects instrument accessories (for example sealing caps, membrane valves etc.) from being damaged by sharp instruments.</i>				8383.00

Replacement sealing caps, 12 / pkg,
for 5.5 mm trocar sleeves, 5.5 mm, blue89.02 BL

Trocar Sleeves, 5 mm / 5.5 mm



Insulated trocar sleeve with automatic clip valve 				 Trocar 5.5 mm, pyramidal tip
Instrument	WL	Inside Diameter	Type	
without stopcock	100 mm	5.5 mm	8351.07	8351.14
with stopcock	100 mm	5.5 mm	8940.07	8351.14

Insulated trocar sleeve without automatic valve 				 Trocar 5.5 mm, pyramidal tip
Instrument	WL	Inside Diameter	Type	
without stopcock	120 mm	5.5 mm	8351.03	8351.14

Insulated Reich self-retaining trocar sleeve without automatic valve 				 Trocar 5 mm, pyramidal tip
Instrument	WL	Inside Diameter	Type	
without stopcock	55 mm	5 mm	8351.02	8351.122

Replacement sealing caps, 12 / pkg,

for 5.5 mm and 5 mm trocar sleeves, 5 mm, blue.....89.02 BL

Hysteroscopy

Resection/Ablation

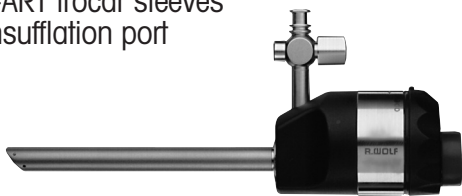
Urogynecology

Laparoscopy

Accessories/Parts

RIWO-ART Trocar Sleeves, 7 mm

with self sealing magnetic ball-valve

RIWO-ART trocar sleeves with insufflation port						
						
Instrument	WL	Inner Diameter	With Port	Trocar, blunt conical tip	Trocar, conical tip	Trocar, pyramidal tip
metal sleeve, standard	100 mm	7 mm	8922.014	8922.103		8922.123
 straight distal tip	150 mm	7 mm	8922.016	—	8922.115	8922.125

Vario Port reducer,

7 mm - 5 mm8923.802

(Also works as 12.5 mm and 10 mm - 5 mm)

Replacement ball,

for RIWO-ART trocar sleeves, 7 - 12.5 mm8923.901

Replacement O-rings, 10 / pkg,

for RIWO-ART trocar sleeves, 7 - 12.5 mm8923.951

Replacement sealing caps, 12 / pkg,

for RIWO-ART trocar sleeves, 7 mm, brown89.171BR

Replacement sealing caps, 12 / pkg,

for Vario Port reducer (8923.801)89.02BL

Trocar Sleeves, 8 mm
with trumpet valve, metal

 Laparoscopy

				
Instrument	WL	Inner Diameter	Type	Trocar, pyramidal tip
 straight distal tip	105 mm	8 mm	8932.01	8932.12

Replacement sealing caps, 12 / pkg,
for 8 mm trocar sleeves, 8 mm, yellow89.05YE

Hysteroscopy

Resection/Ablation

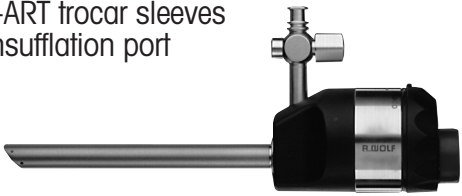
Urogynecology

Laparoscopy

Accessories/Parts

RIWO-ART Trocar Sleeves, 10 mm

with self sealing magnetic ball-valve

						
Instrument	WL	Inner Diameter	With Port	Trocar, blunt conical tip	Trocar, conical tip	Trocar, pyramidal tip
metal sleeve, standard	100 mm	10 mm	8923.014	8923.103	8923.113	8923.123
straight distal tip	150 mm	10 mm	8923.016	—	8923.115	8923.125
metal sleeve, standard	100 mm	10 mm	8923.013	8923.103	8923.113	8923.123
oblique distal tip						
metal sleeve with retaining thread	100 mm	10 mm	8923.024	8923.103	8923.113	8923.123
straight distal tip	150 mm	10 mm	8923.026	—	8923.115	8923.125
metal sleeve with retaining thread	100 mm	10 mm	8923.023	8923.103	8923.113	8923.123
oblique distal tip						

Vario Port reducer,
10 mm - 5 mm8923.802
(Also works as 12.5 mm and 7 mm - 5 mm)

Replacement ball,
for RIWO-ART trocar sleeves, 7 - 12.5 mm8923.901

Replacement O-rings, 10 / pkg,
for RIWO-ART trocar sleeves, 7 - 12.5 mm8923.951

Replacement sealing caps, 12 / pkg,
for Vario Port reducer, 5 mm89.02BL

Replacement sealing caps, 12 / pkg,
for RIWO-ART trocar sleeves, 10 mm, red89.08RE

Self retaining sleeve, for standard
RIWO-ART trocar sleeves, 10 mm8934.301

Trocar Sleeves / Self-retaining Sleeves, 10 mm

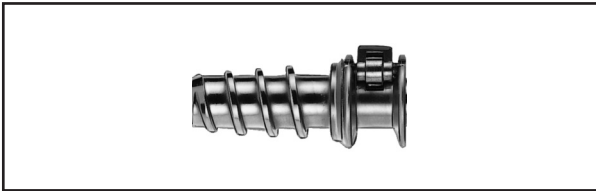


with trumpet valve, metal					
					
Instrument	WL	Inner Diameter	Type	Trocar, conical tip	Trocar, pyramidal tip
 straight distal tip	100 mm	10 mm	8934.01	8923.113	8923.123
	145 mm	10 mm	8934.071**	8923.115	8923.125
 oblique distal tip	100 mm	10 mm	8934.03*	8923.113	8923.123

*The trocar sleeve with the oblique tip allows tissue to be penetrated more easily.

**long version for heavier patients

Replacement sealing caps, 12 / pkg,
for 10 mm trocar sleeves, 10 mm, red89.08 RE



For 10 mm trocar sleeves:*

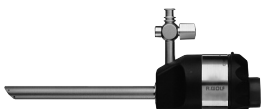
Self-retaining sleeve, 10 mm8934.301

*for use with 8934... series and 8923... series RIWO-ART trocar sleeves

Sliding Cone for 10 mm RIWO-ART Trocar Sleeves

for Open Laparoscopy / Pelviscopy



8934.901 	Hasson Sliding cone to fit over trocar sleeves shown below. Also fits R. Wolf trumpet valve 10 mm trocar sleeves with smooth sheath, 8934.01/.03/.071			8934.901
Instrument	Working Length	Inner Diameter	Type	also available: Obturator , blunt tip
 RIWO-ART trocar sleeve (standard length)	100 mm	10 mm	8923.014	8934.15
 RIWO-ART trocar sleeve and oblique distal tip (standard length)	100 mm	10 mm	8923.013	8934.15
 RIWO-ART trocar sleeve (long version)	150 mm*	10 mm	8923.016	8934.175

*long version for heavier patients

	To expose anatomical layers: Tissue retractors, S-shaped, set of two	8928.90
---	--	-----------------------

RIWO-ART Trocar Sleeves, 12.5 mm

with self sealing magnetic ball-valve



RIWO-ART trocar sleeves						
Instrument	WL	Inner Diameter	With Port	Trocar, blunt conical tip	Trocar, conical tip	Trocar, pyramidal tip
metal sleeve, standard 	100 mm	12.5 mm	8924.014	8924.103	8924.113	8924.123
straight distal tip 	150 mm	12.5 mm	8924.016	—	8924.115	8924.125
metal sleeve, standard 	100 mm	12.5 mm	8924.013	8924.103	8924.113	8924.123
oblique distal tip 						
metal sleeve with retaining thread 	60 mm	12.5 mm	8924.022			8924.121
straight distal tip 	150 mm	12.5 mm	8924.026	—	8924.115	8924.125

Vario Port reducer,
12.5 mm - 10 mm8924.802

Replacement sealing caps, 12 / pkg,
for Vario Port reducer, 10 mm.....89.08 RE

Vario Port reducer,
12.5 mm - 5.5 mm.....8923.802
(Also works as 12.5 mm-7 mm)

Replacement sealing caps, 12 / pkg,
for Vario Port reducer, 5 mm.....89.02 BL

Replacement ball,
for RIWO-ART trocar sleeves, 7 - 12.5 mm8923.901

Replacement O-rings, 10 / pkg,
for RIWO-ART trocar sleeves, 7 - 12.5 mm8923.951

Replacement sealing caps, 10 / pkg,
for RIWO-ART trocar sleeves, 12.5 mm, blue89.09 BL



Trocar Sleeve, 15 mm
with flap valve



Instrument	WL	Inner Diameter	Type
 straight distal tip	100 mm	15 mm	8943.60
Dilation 10-15 mm rod and sleeve set			8943.601

Replacement sealing caps, 10 / pkg,
for 8943.60 trocar sleeve.....8943.602

Replacement valve door seals, 10 / pkg,
for 8943.60 trocar sleeve.....8943.603

Replacement o-ring / sealing cap assortment,
for 8943.60 trocar sleeve.....8943.604

TROTEC

Trocars with automatic shielding function



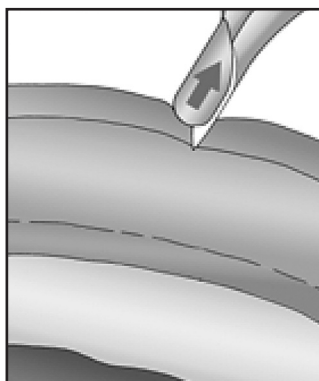
Conical Tip

Conical tip dilates fascia for secure holding of the trocar sleeve in the abdominal wall.

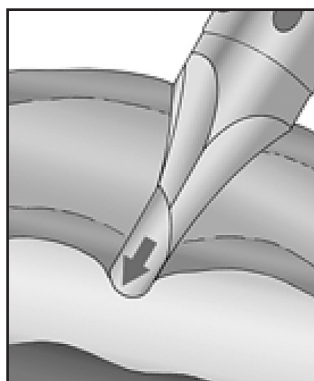


Linear Tip

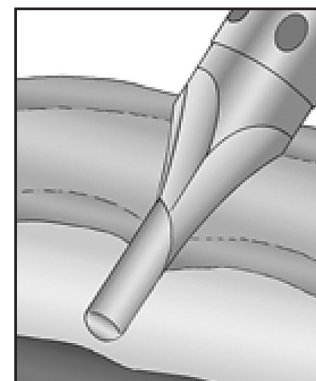
Linear blade provides for easy penetration of the abdominal wall, and minimizes fascial defect size.



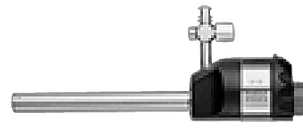
The shielding rod retracts automatically into the cannula when it makes contact with the abdominal wall.



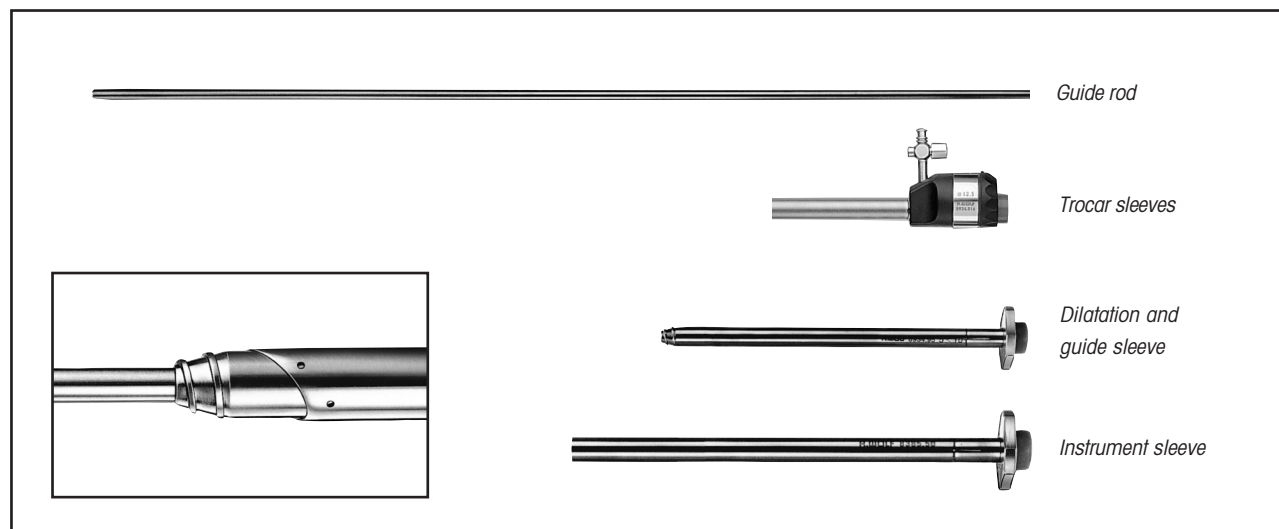
Immediately after penetrating the peritoneum, the shielding rod snaps back into the free abdominal cavity.



The extreme distal position of the atraumatic shielding rod covers the trocar tip after insertion.

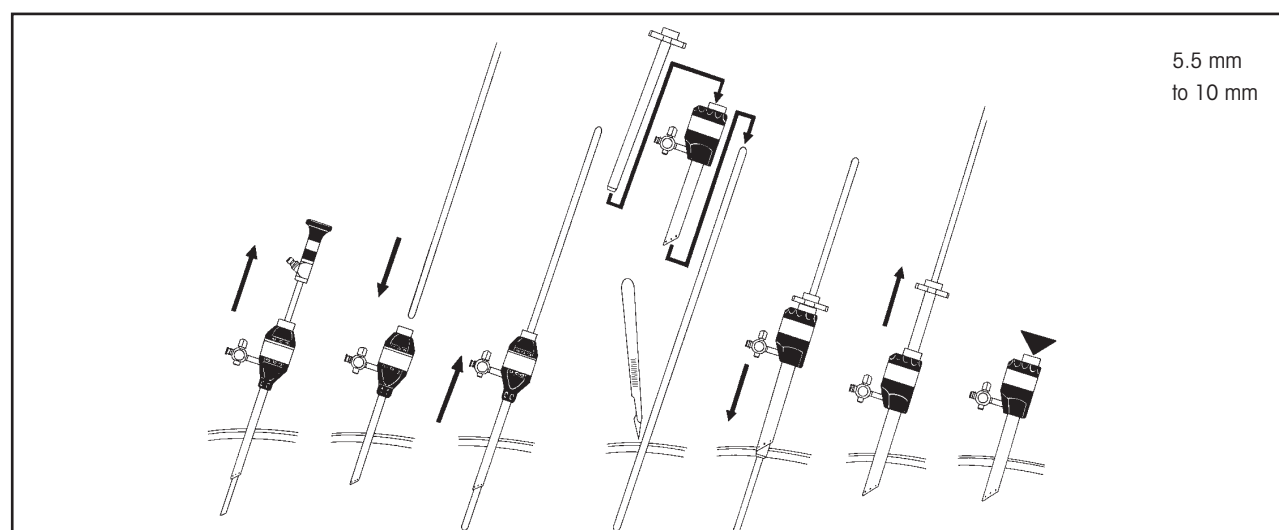
TROTEC trocar consisting of:			For RIWO-ART trocar sleeves:		
					
Sheath with conical tip	Sheath with double-edged linear tip	Handle with spring-mounted rod	WL mm	Diameter mm	TROTEC trocar complete with sheath and spring rod
8921.132		8923.135	100	5.5	8921.131
	8921.134	8923.135	100	5.5	8921.133
8923.132		8923.135	100	10.0	8923.131
	8923.134	8923.135	100	10.0	8923.133
8924.132		8923.135	100	12.5	8924.131
	8924.134	8923.135	100	12.5	8924.133

Dilatation and Extraction Instruments

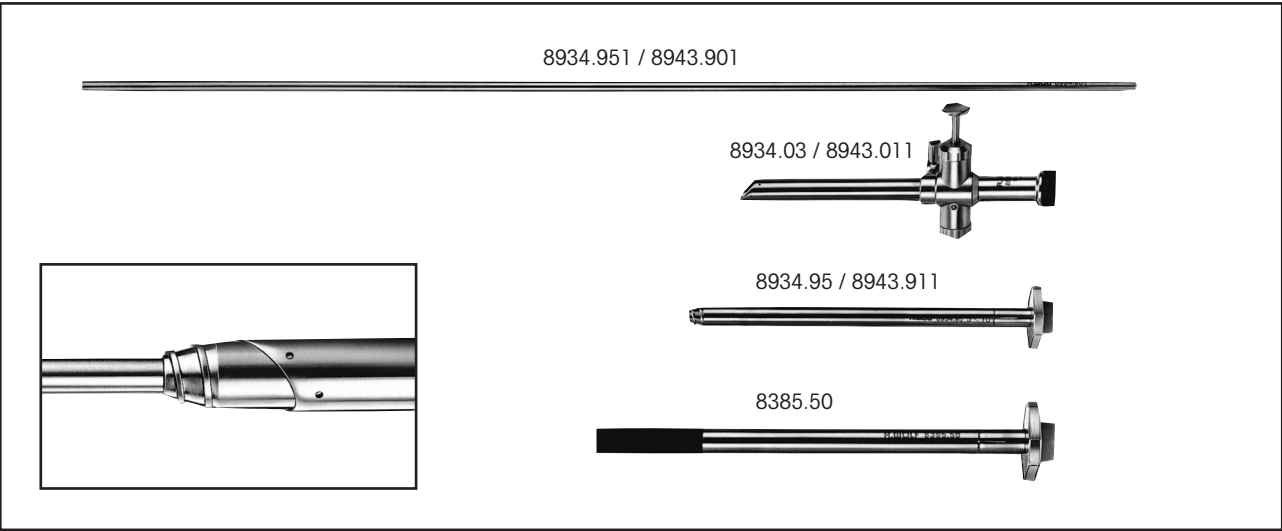


To extend the puncture site from	Guide rod	Trocar sleeve	Dilatation and guide sleeve	Instrument sleeve and extractor
5.5 - 10 mm	8934.951	8923.013	8934.95	8385.50*
10 -12.5 mm	8943.901	8924.013	8924.931	—

* for sealed application of 5 mm instruments in the 10 mm trocar sleeve and for extraction of the appendix.

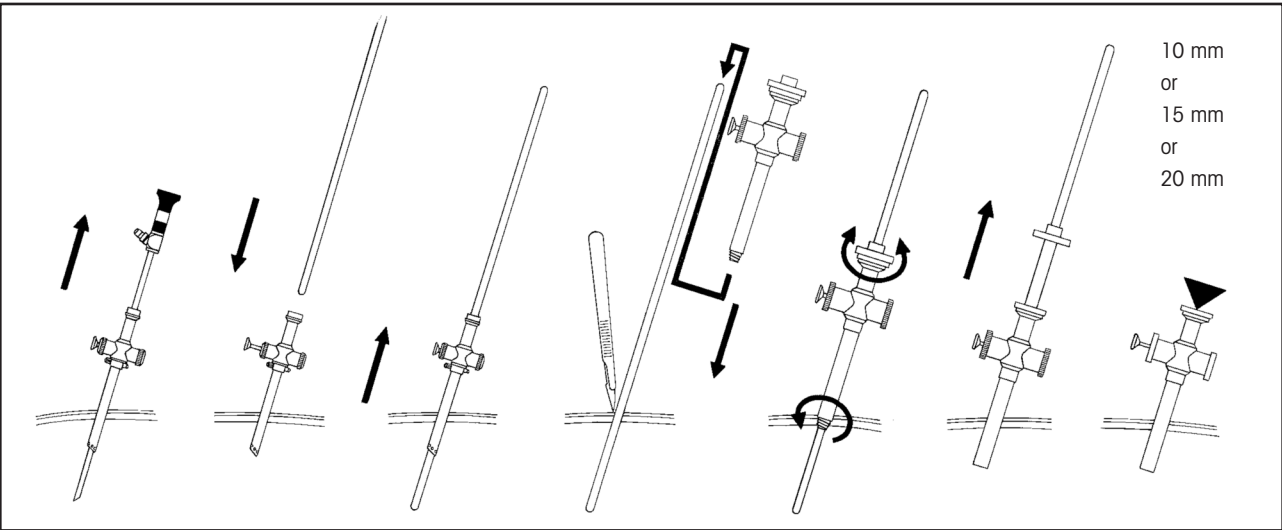


Dilatation and Extraction Instruments, 5-10 mm



To expand the puncture site	Guide rod	Trocar sleeve with trumpet valve	Dilatation and guide sleeve	Instrument sleeve and extractor
5 -10 mm	8934.951	8934.03	8934.95	8385.50*
10 -15 mm	8943.901	8943.011	8943.911	

*for sealed application of 5 mm instruments in the 10 mm trocar sleeve and for extraction of the appendix.



Reducing Sleeves and Adapters

for trocar sleeves



				
Description	Outer Diameter	Working Length	Inner Diameter	Type
10 / 5 mm Instrument sleeve and extractor	10 mm	170 mm	5 mm	8385.50
10 / 5 mm Reducing sleeve	10 mm	160 mm	5.5 mm	8934.98

Replacement sealing caps, 12 / pkg,

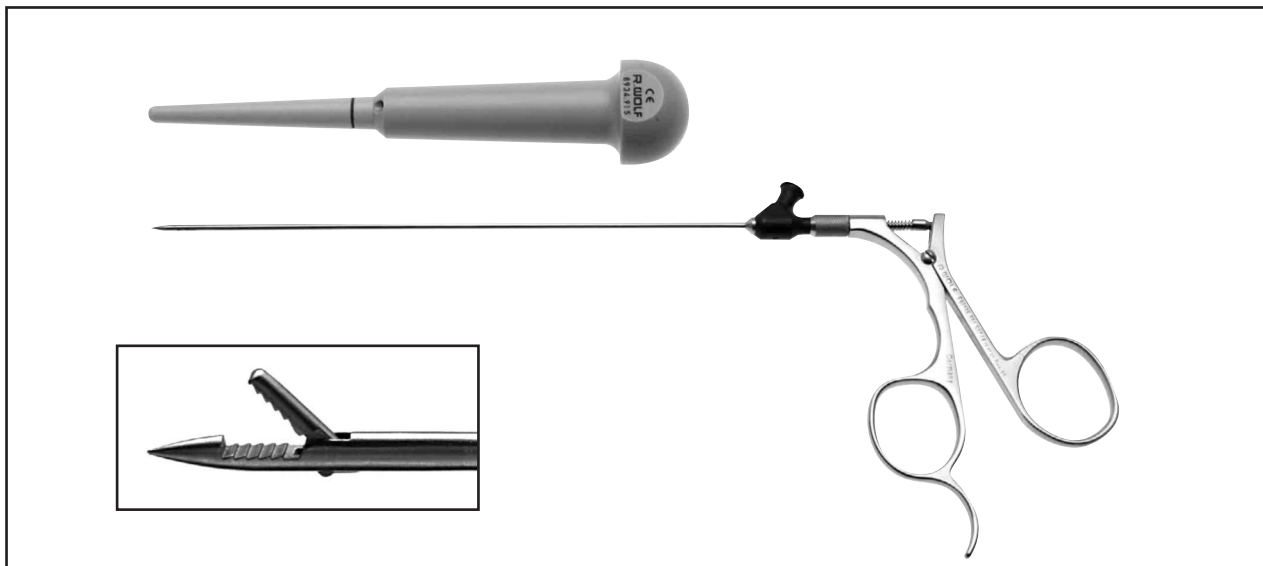
for 5 mm instruments, blue.....89.02 BL

for 10 mm instruments, red89.08 RE

	Description	Reduce from	To	Type
	VARIO-PORT reducing adapter (5 / pkg)	12.5 mm Ø 10.0 mm Ø 7.0 mm Ø	5.5 mm Ø	8923.802
		12.5 mm Ø	10.0 mm Ø	8924.802

Fascial Closure System

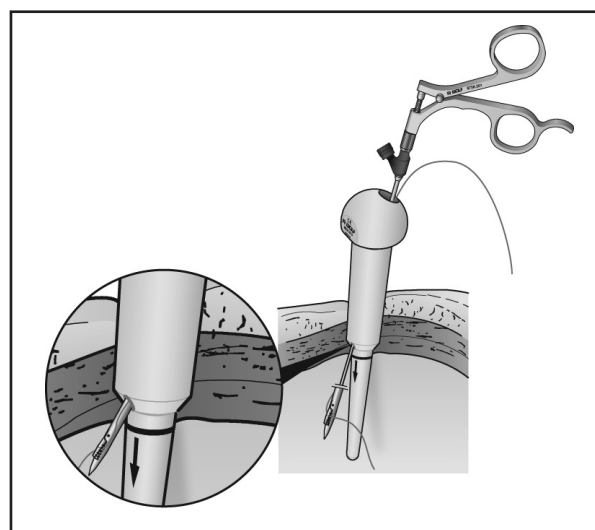
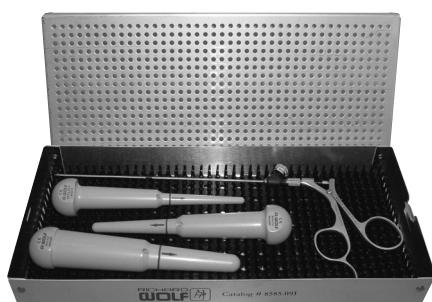
for visualized full-thickness closure of trocar defects



- ☐ Extended tip of the guide allows easy insertion and preserves pneumoperitoneum
- ☐ Marking on the guide indicates the position for placement of the ligature
- ☐ Suture is grasped with the forceps and passed through the hole in the guide
- ☐ Sutures are tied under direct visual control

Fascial Closure Kit: 8756.205

Closure guide 10-12 mm (8934.915), closure guide 12-15 mm (8943.915), closure guide 15-20 mm (8945.915), needle-tipped grasper (8756.201) and instrument tray for storage and sterilization (8585.091M)



Hysteroscopy

Resection/Ablation

Urogynecology

Laparoscopy

Accessories/Parts

MORCE POWER PLUS electronic morcellator 2307



- ❑ New generation micromotor provides power for efficient morcellation of even large amounts of tissue
- ❑ Small, compact, lightweight controller unit
- ❑ Cut / No-Cut protective blade function
- ❑ Autoclavable reusable cutting blades

Morce Power Plus 2307 System, 15 mm

Includes:

- Control unit (2307.101)
- Footswitch (2307.102)
- Motor for handpiece (80951.0002)
- Handpiece (8307.011)
- Ergonomic handle (8307.0111)
- Sealing unit for 12 mm / 15 mm trocar sleeve (8307.5011)
- 15 mm trocar sleeve (8307.115)
- 15 mm trocar (8307.1151)
- 15 mm cutting tube (8307.015)
- Tissue seals for 12 mm / 15 mm, 10 / pack (8307.502)
- Instrument seals, 10 / pack (8307.503)
- Cleaning spray (40900.1000)
- Spray attachment for handpiece (40900.1201)
- Spray attachment for motor (40900.1202) 23070150

Also available:

Morce Power Plus 2307 System, 12 mm

- Includes same components as above, but with
- 12 mm cutting tube / trocar sleeve / trocar 23070120

Morce Power Plus 2307 System, 20 mm

- Includes same components as above, but with
- 20 mm cutting tube / trocar sleeve / trocar 23070200



Tissue morcellation with Morce Power Plus

PMORCE POWER PLUS electronic morcellator 2307

Laparoscopy



Optional Morce Power Plus Accessories

12 mm morcellator cutting tube	8307.012
15 mm morcellator cutting tube	8307.015
20 mm morcellator cutting tube	8307.020

12 mm trocar sleeve w / flap valve	8307.112
15 mm trocar sleeve w / flap valve	8307.115
20 mm trocar sleeve w / flap valve	8307.120

12 mm trocar	8307.1121
15 mm trocar	8307.1151
20 mm trocar	8307.1201

Sealing unit for 12 mm / 15 mm	8307.5011
Sealing unit for 20 mm	8307.5021

Tissue seal, for 12 mm / 15 mm	
10 / pack	8307.502
Tissue seal, for 20 mm	
10 / pack	8307.5022
Instrument seal, 12 / 15 / 20 mm	
10 / pack	8307.503

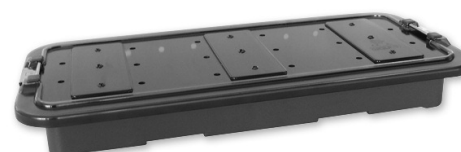
Cleaning spray, 500 ml	40900.1000
Spray attachment for handpiece	40900.1201
Spray attachment for motor	40900.1202

Hand Instruments

Tenaculum, 10 mm, 320 mm WL,	
with axial handle	8395.486
Tenaculum, 5 mm, 320 mm WL,	
with axial handle	8370.26
Claw grasper, 10 mm, 320 mm WL,	
with 2 / 3 teeth	8395.2042
Myoma screw, 10 mm, rigid	8385.301
Myoma screw, 5 mm, rigid	8383.611

Instrument Tray

Instrument tray for storage and sterilization,	
20 cm W x 50 cm L x 6 cm H	38201.586



Hysteroscopy

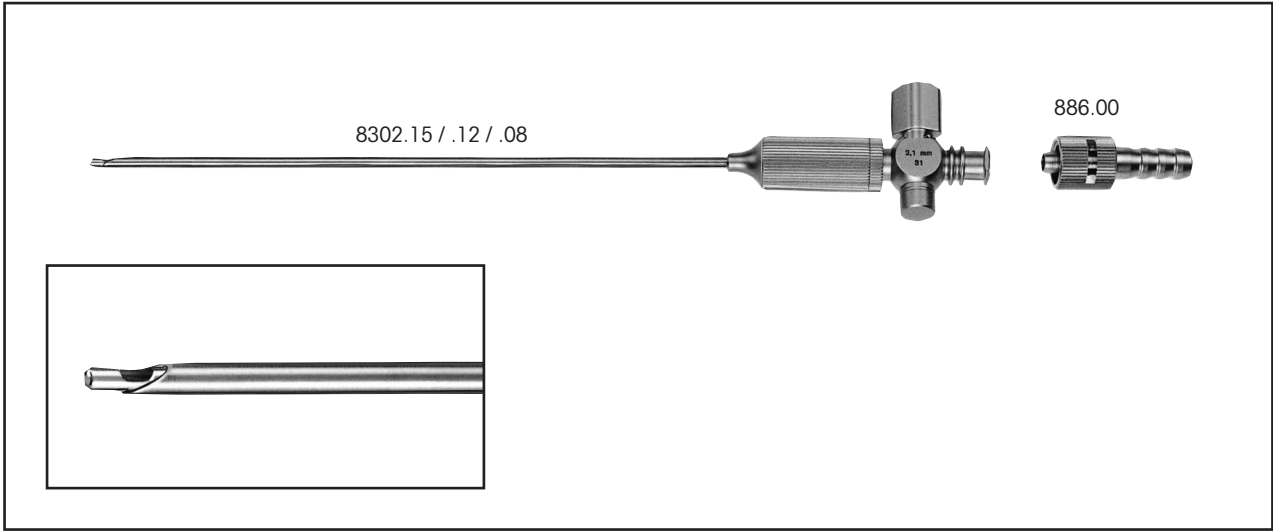
Resection/Ablation

Urogynecology

Laparoscopy

Accessories/Parts

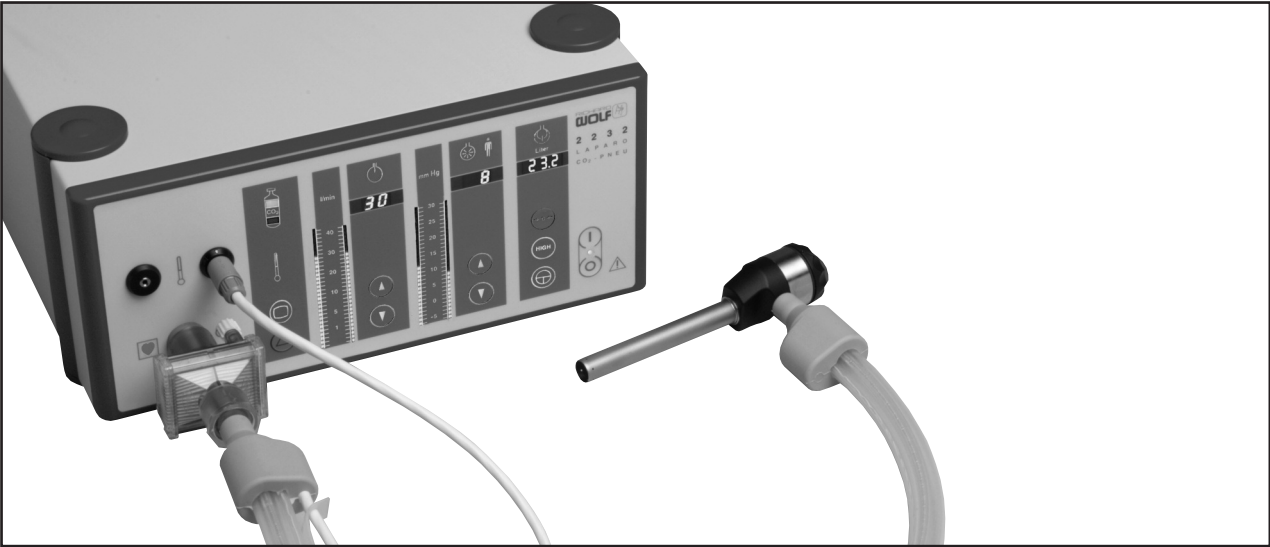
Verres Needles
for establishing the pneumoperitoneum



Verres Needles,
including detachable Luer lock connector (886.00),

150 mm working length	8302.15
120 mm working length (standard length)	8302.12
80 mm working length.....	8302.08

Laparoscopic CO₂ Insufflator 2232
up to 42 L / min



Laparoscopic CO₂ Insufflator

Included with insufflator:

CO₂ hose (2026.62), CO₂ yoke (2026.64),
power cord (N710154), 1 box of disposable
high-flow tubing (4170.512)2232.601

**Laparoscopic CO₂ Insufflator with electronic
circuits for gas warming**

Included with insufflator:

CO₂ hose (2026.62), CO₂ yoke (2026.64),
power cord (N710154), reusable insufflation tube
for gas warming (8170.201), 1 box of disposable
filters (4171.111), 1 box of disposable high-flow
tubing (4170.512)2232.621

High-flow insufflation tubing

disposable, with high flow filter,
sterile, 10 / box4170.512

High-flow insufflation tubing for gas warming

reusable, autoclavable, 10 ft. long.....8170.201

Filters for gas warming tubing

disposable, sterile, 10 / box4171.111

CO₂ high pressure hose.....2026.62

CO₂ yoke.....2026.64

Universal tube set adapter886.231

Verres Needle, 120mm WL.....8302.12

Verres Needle, 150mm WL.....8302.15

Please Note:

High-flow disposable tubing sets 4170.512 may be used on the
2232.621 unit when not using the gas warming feature.