

The Laparoscopic Toolbox



ERAGON modular

Laparoscopic instrument system
for multidisciplinary use

A tray of **ERAGONmodular** instruments holds versatility and quality. These modular instruments aid a wide range of surgical applications, pairing a surgeon's expertise with precision, reliability, and intuitive handling.



3.5 mm, 5 mm and 10 mm –

The **ERAGONmodular** line is available in a wide variety of jaw patterns with varying diameters and working lengths for laparoscopic applications. Ergonomic handles complement a surgeon's preferred sheath and jaw pattern configuration.

Ergonomic Handles

ERAGONmodular handles feature wide contact surfaces at sensitive points, optimum operation of the rotation dial, precise grip and manipulation, and a refined ratchet mechanism.

Safety First

The **ERAGONmodular** sheaths are insulated with Halar[®], a high-quality layer of insulation. The Halar[®] insulation is less likely to sustain damage as compared to shrink tubing insulation. The Halar[®] coating provides a reliable bond with the metal sheath, and also provides enhanced protections when using monopolar HF current. The interior positioning of the locking mechanism for the sheath and handle also safeguard against inadvertent mechanical injury to surrounding tissue.

Ease of Use

The "Click-it" lock technology of the **ERAGONmodular** system enables easy assembly and disassembly by hospital staff.

Overview of ERAGONmodular

- Reusable instrumentation that is cost-effective
- Intuitive assembly
- Ergonomic design
- Halar[®] insulation
- Surgeon's preference
 - >> Wide range of jaw patterns with different diameters and working lengths
 - >> Large selection of handles
- For minimally invasive applications



The way to an individualized laparoscopic tray

The Toolbox Principle

Customizable sets for minimally invasive procedures. ERAGON^{modular} offers surgeons a wide range of options for creating the ideal laparoscopic instrument set. The toolbox principle streamlines the tray to the surgeon's preference, reducing costs to the hospital and minimizing the amount of instrumentation needed.



Select Handle

Select Working Length

Select Sheath Tube

Select Jaw Insert

Complete Instrument Set and Complete Tray

Select Handle	Select Working Length	Select Sheath Tube	Select Jaw Insert
	3.5 mm 240 mm 330 mm		
	5.0 mm 260 mm 330 mm 450 mm		
	10.0 mm 330 mm 370 mm 450 mm		



ø 3.5 mm, insulated

		Axial handle	
 All jaw inserts and sheaths can also be combined with ERAGONaxial.			
		without lock, with HF connector	with lock, with HF connector
Extension attachment	Type	83930083	83930084
	8988	•	•

	Jaw insert	Sheath, ø 3.5 mm, insulated		Handle		Complete instrument • Jaw insert • Sheath tube • Handle
		WL 240 mm	WL 330 mm	without lock, with HF, mono	with lock, with HF, mono	
						
	Type	8390933	8391933	83930073	83930074	Set #
Grasping and dissecting forceps		•			•	83902077
	8390207					
curved left, double-action	8391207		•		•	83912077
Grasping and dissecting forceps		•			•	83902217
	8390221					
long, fine tip, double-action	8391221		•		•	83912217
Grasping and dissecting forceps		•			•	83902227
	8390222					
short, fine tip, double-action	8391222		•		•	83912227
Grasping and dissecting forceps		•			•	83902237
	8390223					
curved, double-action	8391223		•		•	83912237

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ø 3.5 mm, insulated

	Jaw insert	Sheath, ø 3.5 mm, insulated		Handle		Complete instrument • Jaw insert • Sheath tube • Handle
		WL 240 mm	WL 330 mm	without lock, with HF, mono	with lock, with HF, mono	
						
	Type	8390933	8391933	83930073	83930074	83930083
Scissors "Metzenbaum"		•		•		83902157
	8390215					
double-action	8391215		•	•		83912157
Scissors "Metzenbaum"		•		•		83902247
	8390224					
fine serrated, curved, double-action	8391224		•	•		83912247
Hook scissors		•		•		83902277
	8390227					
single-action	8391227		•	•		83912277
Hürten double-spoon forceps		•			•	83902167
	8390216					
	8391216		•		•	83912167
Friedel punch		•			•	83902177
	8390217					
	8391217		•		•	83912177

	Type	8390933	8391933	83930073	83930074	83930083	Set #
SAXENA pylorus spreader		•				•	83902287
	8390228						
	8391228		•			•	83912287

Complete instruments in the above table are recommendations only. They are comprised of the components: jaw insert, sheath and compatible handle. However, any combination is possible within the same diameter. The ERAGONaxial handle can also be selected as an addition, or an alternative.

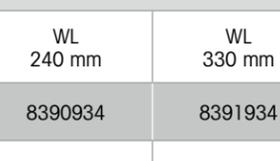
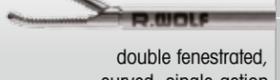
ø 3.5 mm, non-insulated

		Axial handle	
 <p>All jaw inserts and sheaths can also be combined with ERAGONaxial.</p>			
		with lock, without HF connector	with lock, without HF connector, not rotatable
Extension attachment	Type	83930082	83930085
	8988	•	

Jaw insert	Sheath, ø 3.5 mm, Non-insulated		Handle	Complete instrument • Jaw insert • Sheath tube • Handle	
					
	WL 240 mm	WL 330 mm	with lock, without HF		
	Type	8390934	8391934	83930072	Set #
Grasping and dissecting forceps	8390219	•		•	83902197
	8391219		•	•	83912197
double-action					
Grasping and dissecting forceps	8390220	•		•	83902207
	8391220		•	•	83912207
2x4 teeth, double-action					
Atraumatic grasping forceps	8390208	•		•	83902087
	8391208		•	•	83912087
fenestrated, double-action					
Atraumatic grasping forceps	8390218	•		•	83902187
	8391218		•	•	83912187
fenestrated, single-action					

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ø 3.5 mm, non-insulated

Jaw insert	Sheath, ø 3.5 mm, non-insulated		Handle	Complete instrument • Jaw insert • Sheath tube • Handle	
					
	WL 240 mm	WL 330 mm	with lock, without HF		
	Type	8390934	8391934	83930072	Set #
Atraumatic grasping forceps	8390225	•		•	83902257
	8391225		•	•	83912257
double fenestrated, curved, single-action					
Atraumatic grasping forceps	8390226	•		•	83902267
	8391226		•	•	83912267
fenestrated, double-action					
Universal grasping forceps	8390209	•		•	83902097
	8391209		•	•	83912097
double-action					
Grasping forceps "Babcock"	8390210	•		•	83902107
	8391210		•	•	83912107
double-action					

Complete instruments in the above table are recommendations only. They are comprised of the components: jaw insert, sheath and compatible handle. However, any combination is possible within the same diameter. The ERAGONaxial handle can also be selected as an addition, or an alternative.

ø 5.0 mm, insulated

		Axial handle			
ERAGON^{axial}					
All jaw inserts and sheaths can also be combined with ERAGONaxial .		with lock	without lock, with HF connector	with lock, with HF connector	with lock, not rotatable
Extension attachment	Type	83930082	83930083	83930084	83930085
	8988	•	•	•	

Jaw insert		Sheath tube, ø 5 mm, insulated			Handle			Complete instrument • Jaw insert • Sheath tube • Handle
		WL 260 mm	WL 330 mm	WL 450 mm	with lock, without HF	without lock, with HF, mono	with lock, with HF, mono	
	Type	8392933	8393933	8394933	83930072	83930073	83930074	Set #
Atraumatic grasping forceps	8392181	•					•	83921817
	8393181		•				•	83931817
fenestrated, with cross-cut toothings, double-action	8394181			•			•	83941817
Plate-shaped grasping forceps								
	8393182		•				•	83931827
fenestrated with fine cross-cut toothings, double-action								
Grasping and dissecting forceps								
	8393184		•				•	83931847
fenestrated, with fine cross-cut toothings, 20 mm long, single-action	8394184			•			•	83941847
Grasping and dissecting forceps								
	8393185		•				•	83941857
fenestrated, with fine cross-cut toothings, 15 mm long, single-action								

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ø 5.0 mm, insulated

Jaw insert		Sheath tube, ø 5 mm, insulated		Handle			Complete instrument • Jaw insert • Sheath tube • Handle
		WL 330 mm	WL 450 mm	with lock, without HF	without lock, with HF, mono	with lock, with HF, mono	
	Type	8393933	8394933	83930072	83930073	83930074	Set #
Grasping forceps "Babcock"	8393186	•		•			83931867
grasping surface with fine cross-cut toothings, double-action							
Grasping forceps "Babcock"	8393187	•		•			83931877
large distal grip jaws with fine cross-cut toothings, double-action	8394187		•	•			83941877
Atraumatic grasping forceps							
	8393195	•			•		83931957
smooth, double-action	8394195		•		•		83941957
Grasping and dissecting forceps							
	8393210	•				•	83932107
atraumatic, fine cross toothings, double-action							
Grasping and dissecting forceps							
	8393220	•				•	83932207
atraumatic, double-action	8394220		•			•	83942207
Grasping forceps							
	8393223	•		•			83932237
atraumatic, fine cross toothings, double-action	8394223		•	•			83942237

Complete instruments in the above table are **recommendations only**. They are comprised of the components: jaw insert, sheath and compatible handle. However, **any combination is possible within the same diameter**. The **ERAGONaxial** handle can also be selected as an addition, or an alternative.

∅ 5.0 mm, insulated

Jaw insert		Sheath, ∅ 5 mm, insulated		Handle			Complete instrument • Jaw insert • Sheath tube • Handle
		WL 330 mm	WL 450 mm	with lock, without HF	without lock, with HF, mono	with lock, with HF, mono	
Type		8393933	8394933	83930072	83930073	83930074	Set #
Grasping forceps "Babcock"							
	8393242	•		•			83932427
fenestrated, single-action	8394242		•	•			83942427
Grasping forceps							
	8393250	•		•			83932507
atraumatic, fenestrated, fine cross tothing, double-action	8394250		•	•			83942507
Grasping and coagulating forceps							
	8393287	•			•		83932877
distal cross-cut tothing with cupped jaw, double-action							
Atraumatic grasping forceps							
	8393292	•		•			83932925
cupped jaw with wavy tooth edge, 20 mm, single-action	8394292		•	•			83942925
Atraumatic grasping forceps							
	8393293	•		•			83932935
cupped jaw with wavy tooth edge, 20 mm, double-action	8394293		•	•			83942935
Universal grasping forceps							
	8393481	•				•	83934817
pyramid-shaped tothing and cross-cut tothing, 15 mm, double-action							

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∅ 5.0 mm, insulated

Jaw insert		Sheath, ∅ 5 mm, insulated		Handle			Complete instrument • Jaw insert • Sheath tube • Handle
		WL 330 mm	WL 450 mm	with lock, without HF	without lock, with HF, mono	with lock, with HF, mono	
Type		8393933	8394933	83930072	83930073	83930074	Set #
Universal holding forceps							
	8393482	•		•			83934827
Pyramid-shaped tothing and cross-cut tothing, 25 mm, double-action							
Grasping and extraction forceps "Pike-Mouth"							
	8393483	•				•	83934837
double-action							
Grasping forceps							
	8393485	•				•	83934857
with row of teeth, double-action							
Grasping forceps							
	8393486	•				•	83934867
with one tooth, fine cross-cut tothing, slimline, double-action							
Grasping forceps							
	8393487	•				•	83934877
with two teeth, fine cross-cut tothing, single-action							
Grasping and extraction forceps							
	8393488	•		•			83934887
Myoma grasping forceps, 2x3-claw, 30 mm, single-action							

ø 5.0 mm, insulated

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Jaw insert		Sheath, ø 5 mm, insulated		Handle			Complete instrument • Jaw insert • Sheath tube • Handle
		WL 330 mm	WL 450 mm	with lock, without HF	without lock, with HF, mono	with lock, with HF, mono	
Type		8393933	8394933	83930072	83930073	83930074	Set #
Grasping forceps	8393489	•		•			83934895
two teeth, wavy grasping surface, single-action	8394489		•	•			83944895
Grasping forceps	8393490	•		•			83934907
with two teeth, wavy grasping surface, double-action	8394490		•	•			83944907
Claw grasping forceps	8393494	•		•			83934945
double-action							
Grasping and extraction forceps	8393188	•		•			83931887
triangular, fenestrated, with fine cross-cut tooling, double-action, with spring jaws							
Grasping and dissecting forceps	8393189	•		•			83931897
fine cross-cut tooling, fenestrated, double-action, with spring jaws	8394189		•	•			83941897
Grasping and dissecting forceps "Debaquey"	8393190	•		•			83931907
atraumatic clip, double-action, jaw section length 30 mm							

ø 5.0 mm, insulated

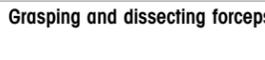
Jaw insert		Sheath, ø 5 mm, insulated		Handle			Complete instrument • Jaw insert • Sheath tube • Handle
		WL 330 mm	WL 450 mm	with lock, without HF	without lock, with HF, mono	with lock, with HF, mono	
Type		8393933	8394933	83930072	83930073	83930074	Set #
Grasping and dissecting forceps "Debaquey"	8393191	•		•			83931917
atraumatic clip, double-action, jaw section length 40 mm							
Atraumatic grasping forceps	8393229	•		•			83932297
with double window, curved, single-action	8394229		•	•			83942297
Atraumatic intestinal grasping forceps	8393249	•		•			83932497
single fenestration, double-action	8394249		•	•			83942497
Grasping forceps "Debaquey"	8393256	•				•	83932567
curved, jaw length 28 mm, double-action							
Grasping forceps "Debaquey"	8393258	•				•	83932587
double-action, jaw length 40 mm	8394258		•			•	83942587
Grasping and dissecting forceps "Debaquey"	8393291	•		•			83932917
atraumatic clip longitudinal grooves with fine cross-cut tooling, double-action, with spring jaws							

ø 5.0 mm, insulated

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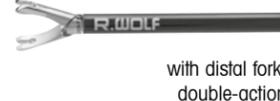
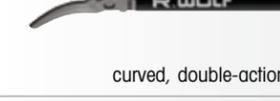
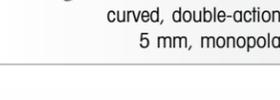
ø 5.0 mm, insulated

Jaw insert		Sheath tube, ø 5.0 mm, insulated		Handle			Complete instrument • Jaw insert • Sheath tube • Handle
		WL 330 mm	WL 450 mm	with lock, without HF	without lock, with HF, mono	with lock, with HF, mono	
Type		8393933	8394933	83930072	83930073	83930074	Set #
Grasping and dissecting forceps							
	8393183	•			•		83931837
fine cross-cut toothing, double-action							
Grasping and dissecting forceps							
	8393192	•				•	83931927
right-angled, double-action	8394192		•			•	83941927
Grasping and dissecting forceps							
	8393193	•		•			83931937
jaw length 13 mm, double-action	8394193		•	•			83941937
Grasping and dissecting forceps							
	8393194	•				•	83931947
long, jaw length 22 mm, double-action	8394194		•			•	83941947
Grasping and dissecting forceps							
	8393197	•				•	83931977
long, jaw length 28 mm, double-action	8394197		•			•	83941977
Grasping forceps							
	8393198	•				•	83931987
curved, fine tip, double-action	8394198		•			•	83941987
Grasping and dissecting forceps							
	8393199	•				•	83931997
long, fine tip, double-action	8394199		•			•	83941997

Jaw insert		Sheath tube, ø 5.0 mm, insulated		Handle			Complete instrument • Jaw insert • Sheath tube • Handle
		WL 330 mm	WL 450 mm	with lock, without HF	without lock, with HF, mono	with lock, with HF, mono	
Type		8393933	8394933	83930072	83930073	83930074	Set #
Grasping and dissecting forceps							
	8393200	•				•	83932007
short, fine tip, double-action	8394200		•			•	83942007
Grasping and dissecting forceps							
	8393230	•		•			83932307
short rounded jaws, double-action	8394230		•	•			83942307
Grasping and dissecting forceps							
	8393240	•				•	83932407
curved, double-action	8394240		•			•	83942407
Grasping and dissecting forceps "Maryland Dissector"							
	8393281	•				•	83932817
curved, with fine cross-cut toothing, double-action	8394281		•			•	83942817
Dissecting forceps "Petelin"							
	8393282	•				•	83932827
30° left angled, with cross-cut toothing, single-action							

Complete instruments in the above table are **recommendations only**. They are comprised of the components: jaw insert, sheath and compatible handle. However, **any combination is possible within the same diameter**. The ERAGONaxial handle can also be selected as an addition, or an alternative.

Jaw insert		Sheath, ø 5 mm, insulated		Handle			Complete instrument • Jaw insert • Sheath tube • Handle
		WL 330 mm	WL 450 mm	with lock, without HF	without lock, with HF, mono	with lock, with HF, mono	
Type		8393933	8394933	83930072	83930073	83930074	Set #
	Grasping and dissecting forceps "Mixer"						
8393283	angled, fine pyramid-shaped toothing, double-action	•				•	83932837
	Grasping and dissecting forceps "Dolphin"						
8393285	angled, fine cross-cut toothing, with cupped jaw, slimline, 15 mm long, double-action	•			•		83932857
	Grasping and dissecting forceps						
8393288	fine pyramid-shaped toothing, slimline, 14 mm, double-action, monopolar	•				•	83932887
	Grasping and dissecting forceps						
8393.289	fine pyramid-shaped toothing, slimline, 18 mm, double-action	•				•	83932897
	Bipolar forceps						
8393091		•			•		83930917
	Bipolar forceps with pins, double-action		•		•		83940917
8393092		•			•		83930927
	Severing forceps, single-action		•		•		83940927

Jaw insert		Sheath, ø 5 mm, insulated		Handle			Complete instrument • Jaw insert • Sheath tube • Handle
		WL 330 mm	WL 450 mm	with lock, without HF	without lock, with HF, mono	with lock, with HF, mono	
Type		8393933	8394933	83930072	83930073	83930074	Set #
	Bipolar forceps						
8393093	pointed spoon forceps, single-action	•			•		83930937
	Gastric band manipulator						
8393253		•		•			83932537
	Extracorporeal knot pusher						
8393345		•		•			83933457
	Extracorporeal knot pusher with distal fork, double-action						
8394345			•	•			83943457
	Scissors "Metzenbaum"						
8393041		•			•		83930417
	Scissors "Metzenbaum" curved, double-action						
8394041			•		•		83940417
	Micro-scissors "Metzenbaum"						
8393044	curved, double-action, 5 mm, monopolar	•			•		83930447

Complete instruments in the above table are **recommendations only**. They are comprised of the components: jaw insert, sheath and handle version available. However, **any combination is possible within the same diameter**. The ERAGONaxial handle can also be selected as an addition, or an alternative.

Jaw insert		Sheath tube, ø 5 mm, insulated		Handle			Complete instrument • Jaw insert • Sheath tube • Handle
		WL 330 mm	WL 450 mm	with lock, without HF	without lock, with HF, mono	with lock, with HF, mono	
	Type	8393933	8394933	83930072	83930073	83930074	Set #
Scissors							
	8393045	•			•		83930457
slimline, straight, double-action							
Hook scissors							
	8393081	•			•		83930817
serrated, single-action							
Scissors "Metzenbaum"							
	8394081		•		•		83940817
serrated, single-action							
Scissors "Metzenbaum"							
	8393243	•			•		83932437
curved, double-action							
Scissors							
	8394243		•		•		83942437
curved, double-action							
Scissors							
	8393246	•			•		83932467
fine-toothed, curved, double-action							
Scissors							
	8394246		•		•		83942467
fine-toothed, curved, double-action							
Scissors							
	8393248	•			•		83932487
fine-toothed, fine tip, double-action							
Scissors							
	8394248		•		•		83942487
fine-toothed, fine tip, double-action							

Sheath tube, ø 5.0 mm, insulated			
	Type	WL 330 mm	WL 450 mm
ERAGONmodular sheath tube	8393932	•	
	8394932		•
with distal cm scale			

ERAGONaxial		Handle	
All jaw inserts and sheaths can also be combined with ERAGONaxial.		with lock, without HF connector	with lock, without HF connector, not rotatable
Extension Attachment	Type	83930082	83930085
	8988	•	•

Jaw insert	Sheath, ø 10 mm, uninsulated	Handle	Complete instrument • Jaw insert • Sheath • Handle
	WL 330 mm	WL 450 mm	with lock, without HF
	Type	8395902	8396902
Grasping and dissecting forceps "Maryland"			83930072
	8395225	•	
double-action			•
Dissecting forceps			•
	8396225		•
double-action			•
Dissecting forceps			•
	8395226	•	
right-angled, double-action			•
Grasping forceps with pike mouth			•
	8396226		•
right-angled, double-action			•
Grasping forceps with pike mouth			•
	8395236	•	
double-action			•
Grasping forceps with pike mouth			•
	8396236		•
double-action			•

Complete instruments in the above table are **recommendations only**. They are comprised of the components: jaw insert, sheath and compatible handle. However, **any combination is possible within the same diameter**. The ERAGONaxial handle can also be selected as an addition, or an alternative.

∅ 10.0 mm, non-insulated

Jaw insert		Sheath, ∅ 10 mm, non-insulated		Handle	Complete instrument • Jaw insert • Sheath • Handle
					
		WL 330 mm	WL 450 mm	with lock, without HF	
	Type	8395902	8396902	83930072	Set #
Claw grasping forceps					
	8395489	•		•	83954897
double-action					
Claw grasping forceps					
	8395490	•		•	83954907
with additional row of teeth, double-action					
Atraumatic grasping forceps "Babcock"					
	8395187	•		•	83951877
large distal grasping surface with fine cross-cut toothing, double-action	8396187		•	•	83961877
Atraumatic grasping forceps "Babcock"					
	8395214	•		•	83952148
double-action	8396215		•	•	83962157
Grasping forceps					
	8395204	•		•	83952048
2x3 claw-shaped	8396204		•	•	83962047

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∅ 10.0 mm, non-insulated

Jaw insert		Sheath, ∅ 10 mm, non-insulated			Handle		Complete instrument • Jaw insert • Sheath • Handle
							
		WL 330 mm	WL 370 mm	WL 450 mm	with lock, without HF	with lock, without HF	
	Type	8395902	8397902	8396902	83930072	83930082	Set #
Atraumatic plate-shaped grasping forceps							
	8395234	•			•		83952347
double-action	8396234			•	•		83962347
Spoon forceps							
	8395244	•			•		83952448
Atraumatic bowel grasping forceps							
	8395215	•			•		83952155
single-action							
Manipulator for gastric banding							
	8397654S01		•		•		8397654S01
90° articulating, atraumatic dissector, branch with distal slot							
Anvil Grasper							
	8397655		•			•	83976558
30° angled, double-action							

Complete instruments in the above table are **recommendations only**. They are comprised of the components: jaw insert, sheath and compatible handle. However, **any combination is possible within the same diameter**. The ERAGONaxial handle can also be selected as an addition, or an alternative.

General and Long Laparoscopy Trays for

ERAGON^{modular}



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Reprocessing Trays and Accessories for ERAGON^{modular}

Laparoscopy trays are indicated for packaging and sterilizing the following:

- Up to 13 single-piece or modular laparoscopy instruments
- Fits 3.5 mm, 5 mm or 10 mm diameter instruments
- 1 or 2 laparoscopes and a light cable
- Up to 6 modular handles for modular instruments
- Options for miscellaneous electro-surgical tips, electrical cord (monopolar or bipolar)

Trays and Accessories

General Laparoscopy Tray, aluminum based and Radel plastic lid, with rack insert; holds forceps, scopes, and light cable.

19.7" L x 8.7" W x 4.4" H..... 8585010

Long Laparoscopy Tray, aluminum based and Radel plastic lid, with rack insert; holds forceps, scopes, and light cable

24.4" L x 8.7" W x 4.4" H..... 8585012

Cleaning brush, brush ϕ = 2 mm, disposable, 10/pkg

Suitable for 3.5 mm ERAGON sheaths 40604

Cleaning brush, brush ϕ = 5 mm, disposable, 10/pkg

Suitable for 5 and 10 mm ERAGON sheaths 40605

Water Pistol Cleaning System with 8 attachments

and storage rack..... 619900

Instrument lubricating oil, non-silicone, 5 ml 200532

HF Cable, monopolar, 3 m, reusable,

(Bovie / Valleylab / Erbe)..... 8106033

Utility Cleaning Brush, disposable 40999012

Contact your local Richard Wolf representative for details.

(800) 323-WOLF (9653)

353 Corporate Woods Parkway
Vernon Hills, IL 60061

www.richardwolfusa.com

Specifications subject to change without notice.

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