

spirit of excellence

# The Laparoscopic Toolbox



ERAGON modular

Laparoscopic instrument system for multidisciplinary use



#### The Laparoscopic Toolbox

**ERAGONmodular** sets benchmarks for versatility and quality. The modular instrument generation enables the surgeon to cover a wide range of applications, allowing him to build on precision, reliability, and intuitive handling.

**ERAGONmodular** is the system for every laparoscopic discipline – your Laparoscopic Toolbox.





## 3.5 mm, 5 mm and 10 mm – Perfection in every dimension

Jaw inserts for any application and sheath tubes in three important dimensions with a range of working lengths create a universal range of applications. The capability for combination with our **ERAGONmodular** and **ERAGONaxial** handles also plays a role in maximizing versatility.

#### Alternatives with grip

The ergonomic design of **ERAGON** handles takes into account a surgeon's unique hand and positioning needs. The handles feature wide contact surfaces at sensitive points, optimum operation of the rotation knob, precise grip and manipulation, and a refined ratchet mechanism.





#### Safety first

ERAGONmodular has a well-designed safety concept. This covers the standard of hygiene and patient safety. The sheath tubes are insulated with Halar®, a high-quality layer of insulation. Vulnerability to insulation damage is significantly reduced compared to shrink tubing insulation. The Halar® coating provides a reliable connection with the metal sheath and also ensures enhanced safety when using monopolar HF current.

The interior joint mechanism provides additional patient safety. The joint of the jaw insert is covered by the distal end of the sheath tube. This excludes the possibility of unwanted injuries caused by inadvertently pinching any tissue.

#### **Connecting convenience**

The "Click-it" lock technology enables the **ERAGONmodular** instrument system assembly by surgical technicians for smooth streamlined procedures in the operating room and in reprocessing departments.

The intuitive "Click-it" system operates entirely without complicated mechanisms and can be activated safely and reliably at any time.

**ERAGON modular** offers a decisive advantage with the "Click-it" technology. The resulting fast and precise connection between the components forms the basis for the efficiency of the entire modular system.



#### Overview of ERAGONmodular

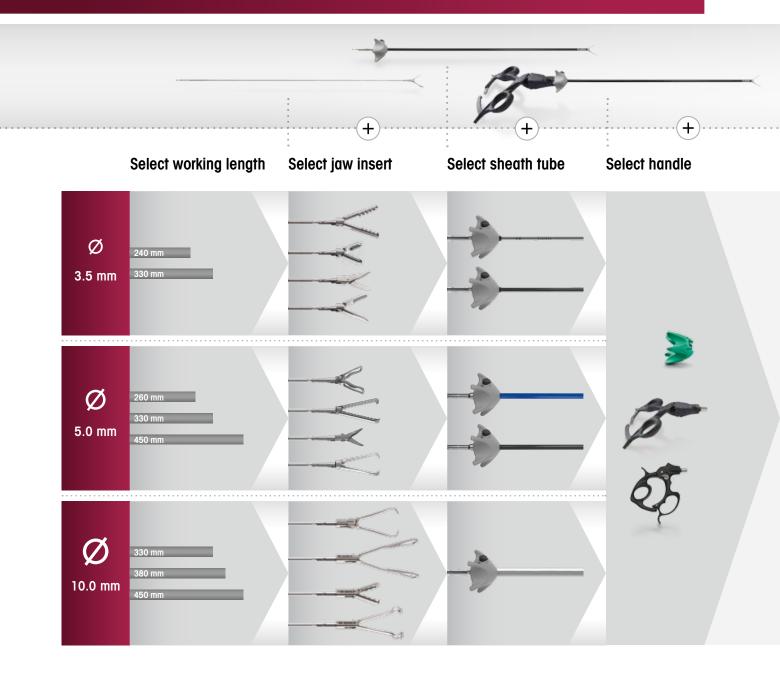
- Comprehensive instrument system, perfectly integrated
- Streamlined and cost-effective
- Individually combinable
- Interdisciplinary applications
- Intuitive and ergonomic
- Optimized tray configuration
- Well-designed safety concept
- Wide range of jaw inserts with different diameters and working lengths
- Large selection of handle versions



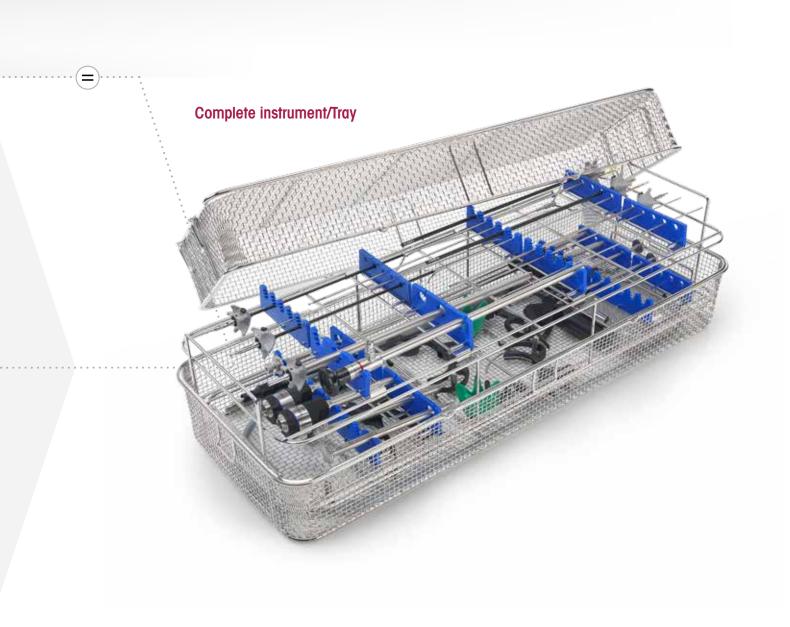
#### The route to an individual laparoscopic tray

#### The toolbox principle

**ERAGONmodular** offers surgeons a wide range of options for creating their ideal laparoscopic set. Ergonomic handles, all diameters relevant to the routine requirements of medical practice, effective working lengths, and a range of jaw sections can be combined as necessary. This universal compatibility also ensures that individual trays can comprise fewer instruments – an advantage for efficiency and an opportunity to reduce costs.









#### ø 3.5 mm, insulated

		Har	ndle
ER GONaxi	ial	B	S. Comments
All jaw inserts and sheaths can also be combined with <b>ERAGONaxial</b> .		without lock, with HF connector	with lock, with HF connector
Knob attachment	Type	83930083	83930084
	8988	•	•

Jaw insert		Sheath, ø 3.5	mm, insulated	Har	ndle	Complete instrument
Ruce		—		<b>*</b>		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	Туре
Grasping and dissecting forceps	8390207	•			•	83902077
curved left, double-action	8391207		•		•	83912077
Grasping and dissecting forceps	8390221	•			•	83902217
long, fine tip, double-action	8391221		•		•	83912217
Grasping and dissecting forceps	8390222	•			•	83902227
short, fine tip, double-action	8391222		•		•	83912227
Grasping and dissecting forceps	8390223	•			•	83902237
curved, double-action	8391223		•		•	83912237



#### ø 3.5 mm, insulated

Jaw insert		Sheath, ø 3.5	mm, insulated		Handle		
R 2003	RACE		-	65	Ø,	ERAGON axial	instrument • Jaw insert • Sheath tube • Handle
		WL 240 mm	WL 330 mm	without lock, with HF, mono	with lock, with HF, mono	without lock, with HF connector	
	Type	8390933	8391933	83930073	83930074	83930083	Type
Scissors "Metzenbaum"	8390215	•		•			83902157
double-action	8391215		•	•			83912157
Scissors "Metzenbaum"	8390224	•		•			83902247
fine serrated, curved, double-action	8391224		•	•			83912247
Hook scissors	8390227	•		•			83902277
single-action	8391227		•	•			83912277
Double-spoon forceps after Hürtgen	8390216	•			•		83902167
0	8391216		•		•		83912167
Punch after Friedel	8390217	•			•		83902177
11.000	8391217		•		•		83912177

	Туре	8390933	8391933	83930073	83930074	83930083	Туре
SAXENA pylorus spreader	8390228	•				•	83902287
R Walf	8391228		•			•	83912287



#### ø 3.5 mm, uninsulated

		Har	ndle	
ER GONaxi	al	S. C.	S.	
All jaw inserts and sheaths can also be combined with <b>ERAGONaxial</b> .		with lock, without HF connector	with lock, without HF connector, not rotatable	
Knob attachment	Type	83930082	83930085	
	8988	•		

Jaw insert		Sheath, ø 3.5	mm, insulated	Handle	Complete	
> Reou	> R SOU			3	instrument • Jaw insert • Sheath tube • Handle	
		WL 240 mm	WL 330 mm	with lock, without HF		
	Type	8390934	8391934	83930072	Туре	
Grasping and dissecting forceps	8390219	•		•	83902197	
double-action	8391219		•	•	83912197	
Grasping and dissecting forceps	8390220	•		•	83902207	
2x4 teeth, double-action	8391220		•	•	83912207	
Atraumatic grasping forceps	8390208	•		•	83902087	
fenestrated, double-action	8391208		•	•	83912087	
Atraumatic grasping forceps	8390218	•		•	83902187	
fenestrated, single-action	8391218		•	•	83912187	



## ø 3.5 mm, uninsulated

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



			Har	ndle	
ER/GON axis	ERAGON axial		B	B	B
All jaw inserts and sheaths can also be combined with <b>ERAGONaxial</b> .			without lock, with HF connector	with lock, with HF connector	with lock, not rotatable
Knob attachment	Type	83930082	83930083	83930084	83930085
	8988	•	•	•	

Jaw insert		Sheath tu	be, ø 5 mm,	insulated	Handle			Complete
R.Wolf					<b>S</b>	65	Ø,	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	Туре
Grasping and dissecting forceps "Maryland Dissector"	8393.281		•				•	83932817
curved, with fine cross-cut toothing, double-action	8394.281			•			•	83942817
Grasping and dissecting forceps "Mixter"  angled, fine pyramid-shaped toothing, double-action	8393.283		•				•	83932837
Grasping and dissecting forceps  R. WOLF  fenestrated, with fine cross-cut toothing, 15 mm long, single-action	8393.185		•				•	83931857



Jaw insert		Sheath tu	be, ø <b>5</b> mm,	insulated			Complete instrument	
Rudif				के की की			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	Туре
Grasping and dissecting forceps	8393.184		•				•	83931847
fenestrated, with fine cross-cut toothing, 20 mm long, single-action	8394.184			•			•	83941847
Grasping and dissecting forceps "Dolphin"  R. Wolf  angled, fine cross-cut toothing, with jaw throat, slimline, 15 mm long, double-action	8393.285		•			•		83932857
Grasping and dissecting forceps  R.WOLF  fine pyramid-shaped toothing, slimline, 18 mm, double-action	8393.289		•				•	83932897
Atraumatic grasping forceps	8393.292		•		•			83932925
jaw throat with wavy tooth edge, 20 mm, single-action	8394.292			•	•			83942925
Atraumatic grasping forceps	8393.293		•		•			83932935
jaw throat with wavy tooth edge, 20 mm, double-action	8394.293			•	•			83942935



Jaw insert		Sheath tul	be, ø <b>5</b> mm,	insulated	Handle			Complete instrument  • Jaw insert
) € R WOLF					D	65	0	• 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	Type
Grasping and dissecting forceps								
fine pyramid-shaped toothing, slimline, 14 mm, double-action, 5 mm, unipolar	8393.288		•				•	83932887
Atraumatic grasping forceps	8392.181	•					•	83921817
R.WOLF	8393.181		•				•	83931817
fenestrated, with cross-cut toothing, double-action	8394.181			•			•	83941817
Atraumatic grasping forceps	8393.195		•			•		83931957
smooth, double-action	8394.195			•		•		83941957
Grasping forceps "Babcock"  Grasping surface with fine cross-cut toothing, double-action	8393.186		•		•			83931867
Grasping forceps "Babcock"	8393.187		•		•			83931877
large distal grip jaws with fine cross-cut toothing, double-action	8394.187			•	•			83941877



Jaw insert		Sheath tu	be, ø 5 mm,	insulated			Complete instrument	
RWOLF				कें कें क			• 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	Туре
Grasping and dissecting forceps "Debakey"  atraumatic clip, double-action, jaw section length 30 mm	8393190		•		•			83931907
Grasping and dissecting forceps "Debakey"  atraumatic clip, double-action, jaw section length 40 mm	8393191		•		•			83931917
Grasping forceps  R.WOLF  with row of teeth, double-action	8393.485		•				•	83934857
with one tooth, fine cross-cut toothing, slimline, double-action	8393.486		•				•	83934867
Grasping forceps  R.WOLF  with two teeth, fine cross-cut toothing, single-action	8393.487		•				•	83934877



Jaw insert		Sheath tube, ø 5 mm, insulated			Handle			Complete instrument • Jaw insert • Sheath tube • Handle
		WL	WL	WL	with lock,	without lock,	with lock,	
	_	260 mm	330 mm	450 mm	without HF		with HF, mono	
Ouroning foresens	Туре	8392933	8393933	8394933	83930072	83930073	83930074	Type
Grasping forceps	8393.490		•		•			83934907
with two teeth, wavy grasping surface, double-action	8394.490			•	•			83944907
Dissecting forceps "Petelin"  30° left angled, with cross-cut toothing, single-action	8393.282		•				•	83932827
Plate-shaped grasping forceps  R.WOLF  fenestrated with fine cross-cut toothing, double-action	8393.182		•				•	83931827
Grasping and dissecting forceps  R.WOLF  fine cross-cut toothing, double-action	8393.183		•			•		83931837
Grasping and coagulating forceps  R.WDLF  distal cross-cut toothing with jaw throat, double-action	8393.287		•			•		83932877



Jaw insert		Sheath tub	e, ø 5 mm,	insulated		Handle		Complete
ROULF					कें की की			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	Type
Claw grasping forceps								
R.WOLF	8393.494		•		•			83934945
double-action								
Grasping and extraction forceps  R.WOLF  Myoma grasping forceps, 2x3-claw, 30 mm, single-action	8393.488		•		•			83934887
Universal grasping forceps  pyramid-shaped toothing and cross-cut toothing, 15 mm, double-action	8393.481		•				•	83934817
Pyramid-shaped toothing and cross-cut toothing, 25 mm, double-action	8393.482		•		•			83934827
Grasping and extraction forceps "pike-mouth"  double-action	8393.483		•				•	83934837



Jaw insert		Sheath tub	e, ø 5 mm, i	insulated		Handle		Complete
R.Walf		WL	WL WL WL W		with lock,	without lock,	with lock,	instrument • Jaw insert • Sheath tube • Handle
		260 mm	330 mm	450 mm	without HF		with HF, mono	
	Type	8392933	8393933	8394933	83930072	83930073	83930074	Туре
Biopsy forceps	8393.091		•			•		83930917
with pins, double-action	8394.091			•		•		83940917
Biopsy forceps	8393.092		•			•		83930927
severing, single-action	8394.092			•		•		83940927
Biopsy forceps  R.WOLF  pointed spoon forceps, single-action	8393.093		•			•		83930937
Extracorporeal knot applicator  R.WOLF  with distal recess, double-action	8393345		•		•			83933457



Jaw insert		Sheath tul	be, ø 5 mm,	insulated		Handle		Complete Instrument
RWOLF					क क क			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	Type
triangular, fenestrated, with finecross-cut toothing, double-action, with spring jaws	8393.188		•		•			83931887
Grasping and dissecting forceps	8393.189		•		•			83931897
fine cross-cut toothing, fenestrated, double-action, with spring jaws	8394.189			•	•			83941897
Atraumatic clip "Debakey", longitudinal grooves with fine cross-cut toothing, double-action, with spring jaws	8393.291		•		•			83932917



Jaw insert		Sheath tube, ø 5 mm, insulated			Handle		Complete instrument • Jaw insert	
RWOLF			-		S.	99	D	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	
	Туре	8392933	8393933	8394933	83930072	83930073	83930074	Туре
Scissors "Metzenbaum"	8393.041		•			•		83930417
curved, double-action	8394.041			•		•		83940417
Micro-scissors "Metzenbaum"  R. WOLF  curved, double-action, 5 mm, unipolar	8393.044		•			•		83930447
Scissors  R.WOLF  slimline, straight, double-action	8393.045		•			•		83930457
Hook scissors	8393.081		•			•		83930817
serrated, single-action	8394.081			•		•		83940817

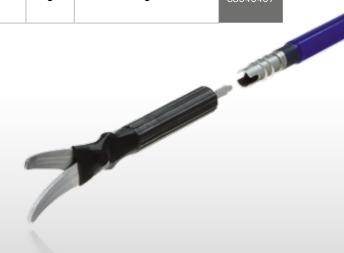






		Handle
ERAGON axial		
All jaw inserts and sheaths can also be combined with <b>ERAGONaxial</b> .		without lock, with HF connector
Knob attachment	Туре	83930083
	8988	•

Scissor blades	5	Pull rod		Sheath tub	heath tube, ø 5 mm, insulated		Handle	Complete instrument • Jaw insert • Sheath tube • Handle
"Metzenbaum", HF mono, (pack of ten), disposable, packed singly, sterile	WL 260 mm	WL 330 mm	WL 450 mm	WL 260 mm	WL 330 mm	WL 450 mm	without lock, rotatable, with HF connector	
Туре	8392934	8393934	8394934	8392935	8393935	8394935	83930073	Туре
	•			•			•	83920407
4393.040		•			•		•	83930407
			•			•	•	83940407







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## ø 5.0 mm, insulated

Jaw insert		Sheath tube, ø 5	.0 mm, insulated	Har	ndle	Complete
FAUGLE				*	*	instrument • Jaw insert • Sheath tube • Handle
				90	90	
		WL 330 mm	WLa 450 mm	with lock, without HF	with lock, with HF, mono	
	Type	8393933	8394933	83930072	83930074	Туре
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	Hai	ndle	Complete
R. WOLF				3	40	instrument • Jaw insert • Sheath tube • Handle
		WL 330 mm	WL 450 mm	with lock, without HF	with lock, with HF, mono	
	Type	8393933	8394933	83930072	83930074	Type
Grasping and dissecting forceps	8393200	•			•	83932007
short, fine tip, double-action	8394200		•		•	83942007
Grasping and dissecting forceps  R.WOLF  atraumatic, fine cross toothing, double-action	8393210	•			•	83932107
Grasping and dissecting forceps	8393220	•			•	83932207
atraumatic, double-action	8394220		•		•	83942207
Grasping forceps	8393223	•		•		83932237
atraumatic, fine cross toothing, double-action	8394223		•	•		83942237
Grasping forceps	8393250	•		•		83932507
atraumatic, fenestrated, fine cross toothing, double-action	8394250		•	•		83942507
Atraumatic grasping forceps	8393229	•		•		83932297
with double window, curved, single-action	8394229		•	•		83942297



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# ERAGON modular

#### ø 5.0 mm, insulated

Jaw insert		Sheath tube, ø 5	.0 mm, insulated	Hai	ndle	Complete
PAUL E				B	3	instrument • Jaw insert • Sheath tube • Handle
		WL 330 mm	WL 450 mm	with lock, without HF	with lock, with HF, mono	
	Type	8393933	8394933	83930072	83930074	Туре
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 forceps "Babcock"	8393242	•		•		83932427
fenestrated, single-action	8394242		•	•		83942427
Atraumatic intestinal grasping forceps	8393249	•		•		83932497
single fenestration, double-action	8394249		•	•		83942497
Grasping forceps "Debakey"  R.WOLF  curved, jaw length 28 mm, double-action	8393256	•			•	83932567
Grasping forceps "Debakey"	8393258	•			•	83932587
double-action, jaw length 40 mm	8394258		•		•	83942587

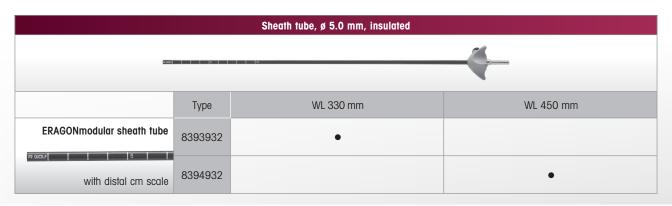




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#### ø 5.0 mm, insulated

Jaw insert		Sheath tube, ø 5	.0 mm, insulated	Har	ndle	Complete instrument
∕∂ R.WoLF				3	65	Jaw insert     Sheath tube     Handle
		WL 330 mm	WL 450 mm	with lock, without HF	without lock, with HF, mono	
	Type	8393933	8394933	83930072	83930073	Туре
Scissors "Metzenbaum"	8393243	•			•	83932437
curved, double-action	8394243		•		•	83942437
Scissors	8393246	•			•	83932467
fine-toothed, curved, double-action	8394246		•		•	83942467
Scissors	8393248	•			•	83932487
fine-toothed, fine tip, double-action	8394248		•		•	83942487
Extracorporeal knot pusher	8393.345	•		•		83933457
with distal fork, double-action	8394345		•	•		83943457
Gastric band manipulator	8393253	•		•		83932537
P.WOLF	8394253		•	•		83942537





#### ø 10.0 mm, uninsulated

		Har	ndle
ER GONax	al	S. C.	S.
All jaw inserts and sheaths can also bined with <b>ERAGONaxial</b> .	All jaw inserts and sheaths can also be combined with <b>ERAGONaxial</b> .		with lock, without HF connector, not rotatable
Knob attachment	Туре	83930082	83930085
	8988	•	

Jaw insert		Sheath, ø 10 mm, uninsulated		Handle	Complete
Wilder				33	instrument • Jaw insert • Sheath tube • Handle
		WL 330 mm	WL 450 mm	with lock, without HF	
	Type	8395902	8396902	83930072	Туре
Grasping and dissecting forceps "Maryland"	8395.225	•		•	83952257
double-action	8396225		•	•	83962257
Dissecting forceps	8395.226	•		•	83952268
right-angled, double-action	8396226		•	•	83962267
Grasping forceps with pike mouth	8395.236	•		•	83952368
double-action	8396236		•	•	83962367



## ø 10,0 mm, uninsulated

Jaw insert		Sheath, ø 10 mm, uninsulated		Handle	Complete instrument • Jaw insert
				<b>B</b>	• Sheath tube • Handle
		WL 330 mm		with lock, without HF, mono	
	Туре	8395902	8396902	83930072	Туре
Claw grasping forceps					
	8395.489	•		•	83954897
double-action					
Claw grasping forceps  with additional row of teeth, double-action	8395490	•		•	83954907
Atraumatic grasping forceps "Babcock"	8395.187	•		•	83951877
large distal grasping surface with fine cross-cut toothing, double-action	8396187		•	•	83961877
Atraumatic grasping forceps "Babcock"	8395.214	•		•	83952148
double-action	8396215		•	•	83962157
Grasping forceps	8395.204	•		•	83952048
2/3 claw-shaped	8396204		•	•	83962047



#### ø 10.0 mm, uninsulated

Jaw insert		Sheath, ø 10 mm, uninsulated		Handle	Complete instrument
The same of the sa		_		30	• Jaw insert • Sheath tube • Handle
		WL 330 mm	WL 450 mm	with lock, without HF, mono	
	Туре	8395902	8396902	83930072	Туре
Atraumatic plate-shaped grasping forceps	8395.234	•		•	83952347
double-action	8396234		•	•	83962347
Spoon forceps	8395.244	•		•	83952448



## ø 10.0 mm, uninsulated

Jaw insert		Sheath, ø 10 mm, uninsulated	Har	ndle	Complete instrument
Tana Tana			<b>B</b>	S.	Jaw     insert     Sheath     tube     Handle
		WL 380 mm	with lock, without HF connector	with lock, without HF connector	
	Type	8397902	83930072	83930082	Type
Manipulator for Gastric Banding  90° articulable, atraumatic dissector, branch with distal slot and hook	8397.654	•	•		83976547
Anvil Grasper  30° angled, double-action	8397.655	•		•	83976558

