

Wide range
in small dimensions



ERAGON modular
mini

The complete solution for Minilaparoscopy

ERAGON *modular* *mini*

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The use of 3.5 mm instruments and appropriate trocars leaves behind only very small scars that are hardly visible. Furthermore, this approach keeps the trauma of the operation to a minimum as a result by comparison with the use of 5 mm or even 10 mm ports. This can exert a positive effect on the length of a patient's stay in hospital. Today, it is also assumed that there is less potential for pain in patients.



Perspectives of minilaparoscopy

A key advantage of minilaparoscopy is that surgeons can retain their usual surgical technique. They simply carry this out using instruments with a smaller diameter. Long learning curves with new, complex surgical techniques like NOTES or Single Port are therefore eliminated.

Small. Strong. Modular.

The new 3.5 mm instruments **ERAGONmodular mini** are the core of the minilaparoscopy package from Richard Wolf. The new generation of three-part, modular instruments is based on our successful **ERAGONmodular** Instrument System and meets the highest standards.

Make use of **ERAGONmodular mini** now for your minilaparoscopic interventions and benefit from a highly developed surgical concept.

The new instrument generation becomes a complete system with complementary modules tailored to minilaparoscopy which is reliable in every respect.



ERAGONmodular mini unites precision, safety, ergonomic design and intuitive handling in a perfect combination. This is ensured by the high-grade processing and material quality for all components and the well-designed functional elements. The result is instruments that convince and inspire.

click! and go: The proven click-it system permits fast assembly, disassembly and combination.

Three parts – one system: Complete freedom in putting together instruments.

Simply hygienic: The three-part structure also guarantees fast and safe reprocessing.

Sustainably safe: Halar® – bonded sheath coating for maximum service life, safety and hygiene. No risk of tissue being inadvertently trapped in the projecting joint mechanism protected by the sheath at the distal end.

Extremely stable: version with uninsulated, particularly stable sheath for grasping forceps where a high level of stability is required.

Equal to any challenge: big range of jaw inserts – the right insert for each requirement.

Universally combinable: Compatible with all **ERAGONmodular** sheaths and handles including **ERAGONaxial**.

The complete system for your success

Richard Wolf supplies everything you require for efficient, minilaparoscopic work to complement the high-quality, new instrument generation. The product range includes telescopes, trocars and bipolar forceps or monopolar hooks.

Put together your individual minilaparoscopy sieve from Richard Wolf based on the building-block principle.

Grasping and dissecting instruments, scissors, punches with insulated sheath

		Handle versions	
			
	All jaw inserts and sheaths can also be combined with ERAGONaxial .	without lock, with HF connector	with lock, with HF connector
	Product no.	83930083	83930084

Jaw insert	Sheath, insulated, \varnothing 3.5 mm		Handle		Complete instrument • Jaw insert • Sheath • Handle	
						
	WL 240 mm	WL 330 mm	without lock, with HF, mono	with lock, with HF, mono		
	Product no.	8390933	8391933	83930073	83930074	Product no.
Grasping and dissecting forceps						
 curved left, double-action	8390207	•			•	83902077
	8391207		•		•	83912077
Grasping and dissecting forceps						
 long, fine tip, double-action	8390221	•			•	83902217
	8391221		•		•	83912217
Grasping and dissecting forceps						
 short, fine tip, double-action	8390222	•			•	83902227
	8391222		•		•	83912227
Grasping and dissecting forceps						
 curved right, double-action	8390223	•			•	83902237
	8391223		•		•	83912237

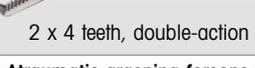
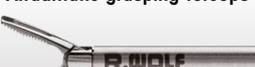
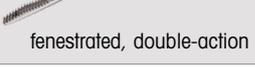
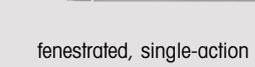
The complete instruments in the table are only recommendations. They are comprised of the components: jaw insert, sheath and handle versions. However, any other combination of the instruments is possible. The **ERAGONaxial** handle can also be selected as an addition or an alternative.

Jaw insert		Sheath, insulated, ø 3.5 mm		Handle		Complete instrument • Jaw insert • Sheath • Handle
						
		WL 240 mm	WL 330 mm	without lock, with HF, mono	with lock, with HF, mono	
	Product no.	8390933	8391933	83930073	83930074	Product no.
 fine serrated, curved, double-action	Scissors "Metzenbaum"	8390224				83902247
		8391224				83912247
 single-action	Hook scissors	8390227				83902277
		8391227				83912277
 double-action	Scissors "Metzenbaum"	8390215				83902157
		8391215				83912157
 Double-spoon forceps after Hürtgen		8390216				83902167
		8391216				83912167
 Punch after Friedel		8390217				83902177
		8391217				83912177

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Grasping and dissecting forceps with uninsulated sheath

		Handle versions	
	All jaw inserts and sheaths can also be combined with ERAGONaxial .		
		with lock, without HF connector	with lock, without HF connector, not rotatable
Product no.		83930082	83930085

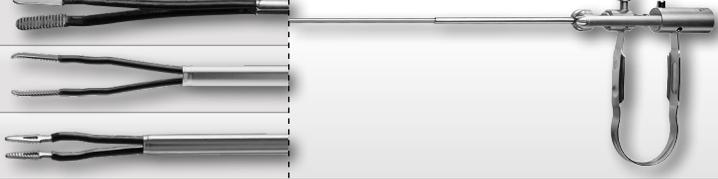
Jaw insert	Sheath, uninsulated, \varnothing 3.5 mm		Handle	Complete instrument	
				<ul style="list-style-type: none"> • Jaw insert • Sheath • Handle 	
	Product no.	8390934	8391934	83930072	Product no.
Grasping and dissecting forceps 	8390219	•		•	83902197
double-action 	8391219		•	•	83912197
Grasping and dissecting forceps 	8390220	•		•	83902207
2 x 4 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

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

Jaw insert		Sheath, uninsulated, ø 3.5 mm		Handle	Complete instrument • Jaw insert • Sheath • Handle
					
		WL 240 mm	WL 330 mm	with lock, without HF	
	Product no.	8390934	8391934	83930072	Product no.
 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

The complete instruments in the table are only recommendations. They are comprised of the components: jaw insert, sheath and handle versions. However, any other combination of the instruments is possible. The ERAGONaxial handle can also be selected as an addition or an alternative.

Modules for the complete set

Telescope		Exchangeable adapter	
	PANOVIEW PLUS Telescope Ø 3.5 mm, WL 300 mm, 30° 8930.422		Connector reusable, endoscope telescope/lens ENDOCAM 8580.91
	PANOVIEW PLUS Telescope Ø 3.5 mm, WL 300 mm, 0° 8930.421		
Trocar sheaths		associated trocars	
	RIWO-ART trocar sheath , with magnet ball valve, plastic tube with thread, distal straight, inside diameter 3.5 mm, WL 100 mm 8903.034		Trocar , tapered blunt, WL 100 mm 8903.103
	RIWO-ART trocar sheath , with magnet ball valve, metal tube, smooth, distal straight, inside diameter 3.5 mm, WL 100 mm 8903.014		Trocar , pyramid-shaped, WL 100 mm 8903.123
	RIWO-ART trocar sheath , with magnet ball valve, plastic tube with thread, distal straight, inside diameter 3.5 mm, WL 60 mm 8903.072		Trocar , tapered blunt, WL 60 mm 8903.101
			Trocar , pyramid-shaped, WL 60 mm 8903.121
	Plastic trocar sheath , sheath with distal screw anchor, Ø 3.5 mm, WL 40 mm 8929.223		Trocar , spherical, WL 40 mm 8929.2215
Modular needle holder			
		Modular needle holder straight, with carbide insert, Ø 3.5 mm, WL 310 mm 8391.501	
Hook electrode			
		Hook electrode , monopolar, Ø 3.5 mm, WL 310 mm 8379.452	
Suction irrigation tube and accessories			
		Suction irrigation tube , Ø 3.5 mm, WL 310 mm 8391.911 Irrigation attachment , with two-way stopcock 8383.819 Suction irrigation handle 8385.901 Locking cap 8385.902	
Bipolar forceps			
		Bipolar forceps Ø 3.5 mm, WL 340 mm 8391.742	
		Bipolar forceps Ø 3.5 mm, WL 340 mm 8391.743	
		Bipolar forceps Ø 3.5 mm, WL 240 mm 8390.743	
Probe rod			
		Probe rod Ø 3.5 mm, calibrated, WL 310 mm 8379.672	