

Marketing Info 260-15

Discipline: Surgery
Application: Laparoscopy/Pediatrics
18.05.2015 B. Heidt, B. Seidensspinner



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ERAGON *modular* *micro*

- new 2 mm instruments in the ERAGON design



Description

- 2 mm instruments in a two-piece ERAGONmodular design

Advantages

- Modular, two-piece design with proximal rinsing connection– can be dismantled for reprocessing.
- The jaw section can be rotated using the rotation wheel at the sheath tube
- Compatible with various ERAGONmodular handles including the ERAGONaxial handle!
- The proven “click-it” system permits simple assembly and disassembly
- In case of a damaged component, only the defective part needs to be exchanged
- Integrated overload protection in order to protect the precise joint mechanism
- Additional supplement for the ERAGON modular system
- Ideal for use in minimally invasive pediatric surgery








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1. Overview of the new 2 mm ERAGONmodular micro instruments

Jaw insert with insulated sheath tube 		Handle 	Handle 	Complete instrument Jaw insert with sheath tube Handle
	WL 240 mm	with lock, with HF, mono	without lock, with HF, mono	
		83930074	83830073	Types
Dissector  straight, double-action	8388201	•		83882017
Atraumatic grasping forceps  fenestrated, double-action	8388202	•		83882027
Universal grasping forceps  double-action	8388203	•		83882037
Scissors  straight, double-action	8388200		•	83882007

The complete Instrument Sets highlighted above are only recommendations.

However, any other combination of the instruments is possible with the ERAGONaxial handles:

			
without lock, with HF connector	with lock, with HF connector	with lock, without HF connector	with lock, without HF connector non-rotatable
83930083	83930084	83930082	83930085

	8988	Knob attachment ERAGONaxial for handle types 83930082, 83930083, 83930084 (not for 83930085)
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2. Operation / Background knowledge

Area of application

The 2 mm **ERAGON** modular
micro instruments are primarily used in laparoscopic pediatric surgery. Here, they are generally used to treat newborns and babies. In some cases, the 2 mm instruments are also used to treat adults, e.g. as an additional holding instrument inserted percutaneously (without trocar sleeve –directly through the abdominal wall) in a single-port intervention.

Overload protection

The 2 mm **ERAGON** modular
micro instruments were provided with an overload protection integrated in the sheath tube. If the user closes the jaw section and exceeds a specified force, the overload protection is activated and absorbs some of the energy applied. This means that the joint mechanism is not impacted by the full force applied by the user. The user can therefore close the handle up to the stop without the joint mechanism being damaged by the high forces applied. The force which can be applied with the jaw sections continues to increase when the handle closes despite the activation of the overload protection, only not to the extent that would be the case without the overload protection.

The overload protection is not intended to protect the patient! Tissue damage cannot be avoided by the overload protection! However, users found the overload protection comfortable and sensitive.

Coating

The **ERAGON** modular
micro instruments have no Halar® coating on account of the small outer diameter but they are insulated with shrink tubing. When comparing with the 2 mm instruments of the previous generation, we use a new, higher quality shrink tube for these instruments and achieve even more safety for HF application.

Rinsing adapter (163502)

There is a special rinsing adapter for manual and machine cleaning which the customer can order as appropriate (not included in the set).



This cleaning adapter is in principle also compatible for all diameters of ERAGON sheath tubes and can be used with them.

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3. Availability

The new instruments will be available for the CE market with immediate effect. The market launch for all other countries will be carried out in accordance with the priority definition and in consultation with the product management.

4. Marketing Material

A catalog sheet is available with immediate effect and will be forwarded together with this Marketing Info.

Brochure

The B 795 ERAGONmodular brochure will be updated for the next reprint of the catalog.

Surgery Catalog

The new products will be integrated in the next revision of the catalog.

If you have any questions, Product Marketing Surgery will be delighted to assist you.

Yours sincerely

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