

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.

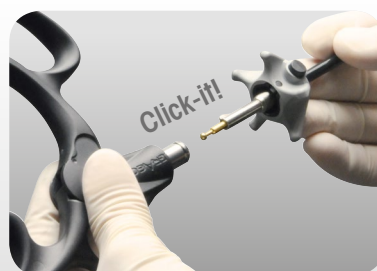
The interior joint mechanism provides additional patient safety. The joint of the jaw insert is covered by the distal end of the sheath tube. This excludes the possibility of unwanted injuries caused by inadvertently pinching any tissue.

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.

ERAGONmodular 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.



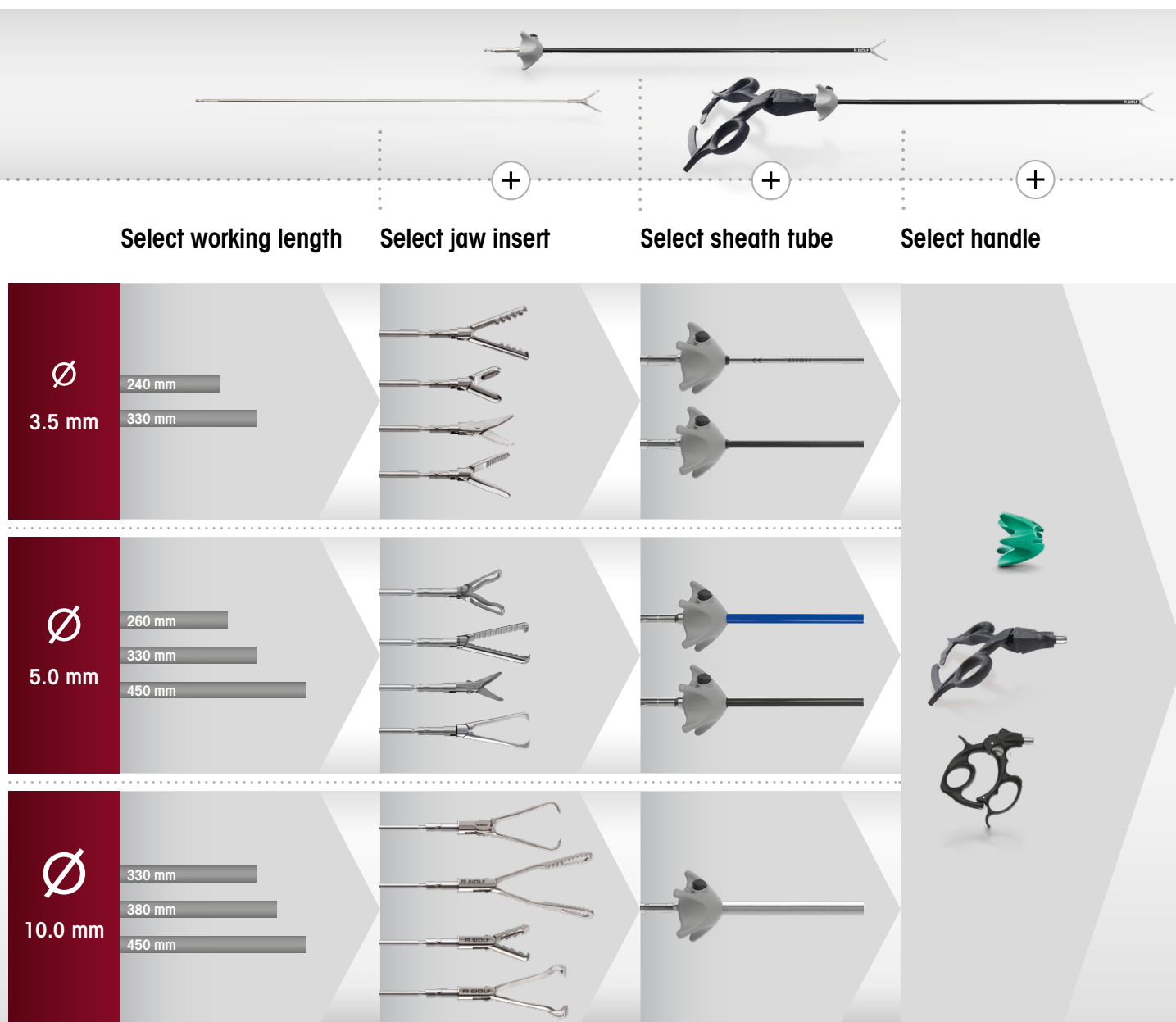
Overview of ERAGONmodular

- 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

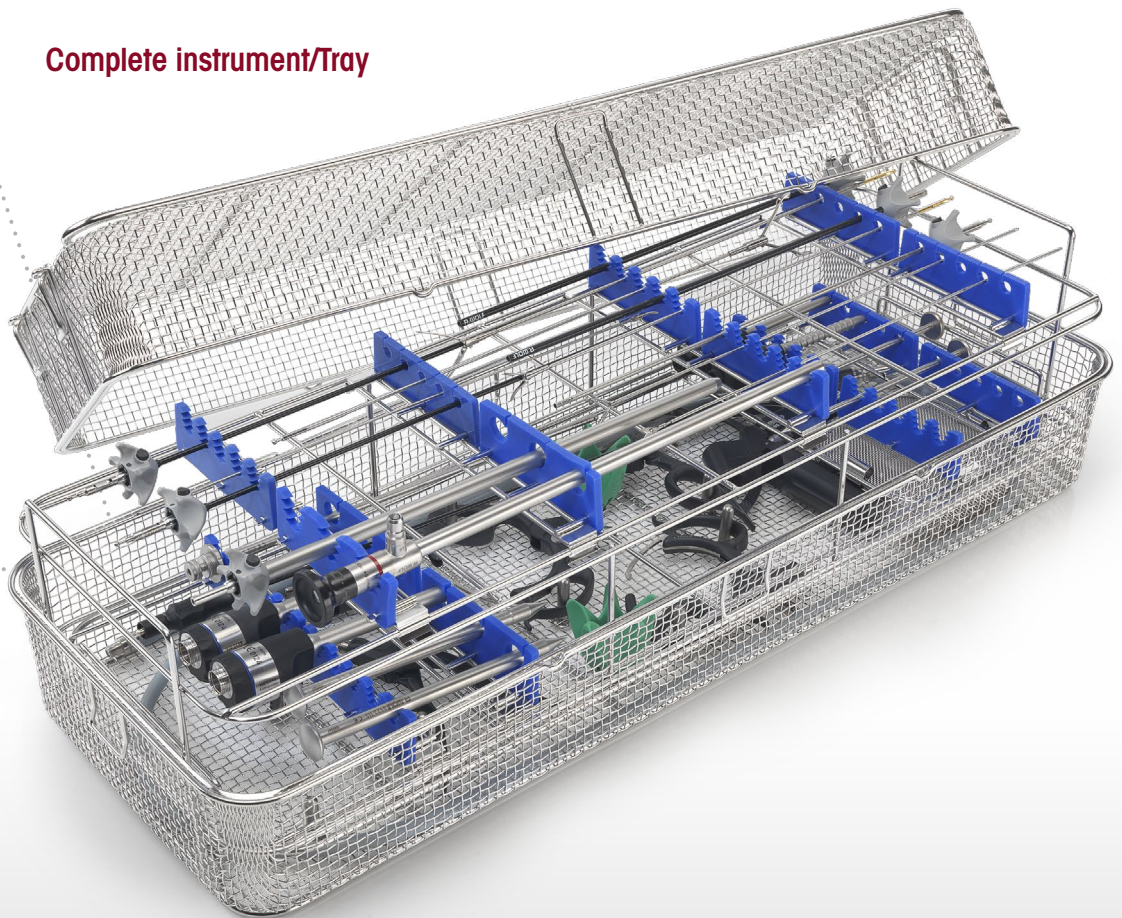
The toolbox principle

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.

















Complete instrument/Tray













ø 3.5 mm, insulated


| | | Handle | |
|---|------|---|---|
|  <p>All jaw inserts and sheaths can also be combined with ERAGONaxial.</p> | |  |  |
| | | without lock, with HF connector | with lock, with HF connector |
| Knob 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 | Type |
| 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, 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 combination is possible within the same diameter. The ERAGONaxial handle can also be selected as an addition, or an alternative.





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 | without lock, with HF connector | |
| | Type | 8390933 | 8391933 | 83930073 | 83930074 | 83930083 | Type |
|  double-action | Scissors "Metzenbaum" | 8390215 | • | • | | | 83902157 |
| | 8391215 | | • | • | | | 83912157 |
|  fine serrated, curved, double-action | Scissors "Metzenbaum" | 8390224 | • | • | | | 83902247 |
| | 8391224 | | • | • | | | 83912247 |
|  single-action | Hook scissors | 8390227 | • | • | | | 83902277 |
| | 8391227 | | • | • | | | 83912277 |
|  | Double-spoon forceps by Hürtgen | 8390216 | • | | • | | 83902167 |
| | 8391216 | | • | | • | | 83912167 |
|  | Punch by Friedel | 8390217 | • | | • | | 83902177 |
| | 8391217 | | • | | • | | 83912177 |

| | | | | | | | |
|---|-------------------------|---------|---------|----------|----------|----------|----------|
| | Type | 8390933 | 8391933 | 83930073 | 83930074 | 83930083 | Type |
|  | SAXENA pylorus spreader | 8390228 | • | | | • | 83902287 |
| | 8391228 | | • | | | • | 83912287 |

The complete instruments in the table are only recommendations. They are comprised of the components: jaw insert, sheath and handle versions. 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, uninsulated

| | | 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 |
| Knob attachment | Type | 83930082 | 83930085 |
|  | 8988 | • | |

| Jaw insert | | Sheath, ø 3.5 mm, uninsulated | | Handle | Complete instrument • Jaw insert • Sheath tube • Handle |
|---|---------|--|-----------|--|--|
|  | |  | |  | |
| | | WL 240 mm | WL 330 mm | with lock, without HF | |
| | Type | 8390934 | 8391934 | 83930072 | Type |
| Grasping and dissecting forceps  double-action | 8390219 | • | | • | 83902197 |
| | 8391219 | | • | • | 83912197 |
| Grasping and dissecting forceps  2x4 teeth, double-action | 8390220 | • | | • | 83902207 |
| | 8391220 | | • | • | 83912207 |
| Atraumatic grasping forceps  fenestrated, double-action | 8390208 | • | | • | 83902087 |
| | 8391208 | | • | • | 83912087 |
| Atraumatic grasping forceps  fenestrated, single-action | 8390218 | • | | • | 83902187 |
| | 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 combination is possible within the same diameter. The ERAGONaxial handle can also be selected as an addition, or an alternative.









ø 3.5 mm, uninsulated

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

| | | Handle | | | |
|---|------|---|---|--|---|
|  <p>All jaw inserts and sheaths can also be combined with ERAGONaxial.</p> | |  |  |  |  |
| | | with lock | 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 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 |
| Grasping and dissecting forceps "Maryland Dissector"  | 8393.281 | | • | | | | • |
| curved, with fine cross-cut toothings, double-action 8394.281 | | | | • | | | • |
| Grasping and dissecting forceps "Mixer"  | 8393.283 | | • | | | | • |
| angled, fine pyramid-shaped toothings, double-action | | | | | | | |
| Grasping and dissecting forceps  | 8393.185 | | • | | | | • |
| fenestrated, with fine cross-cut toothings, 15 mm long, single-action | | | | | | | |









The complete instruments in the table are only recommendations. They are comprised of the components: jaw insert, sheath and handle versions. 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

| 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 | Type |
| Grasping and dissecting forceps | | | | | | | | |
|  | 8393.184 | | • | | | | • | 83931847 |
| fenestrated, with fine cross-cut toothings, 20 mm long, single-action | | | | • | | | • | 83941847 |
| Grasping and dissecting forceps "Dolphin" | | | | | | | | |
|  | 8393.285 | | • | | | • | | 83932857 |
| angled, fine cross-cut toothings, with jaw throat, slimline, 15 mm long, double-action | | | | | | | | |
| Grasping and dissecting forceps | | | | | | | | |
|  | 8393.289 | | • | | | | • | 83932897 |
| fine pyramid-shaped toothings, slimline, 18 mm, double-action | | | | | | | | |
| Atraumatic grasping forceps | | | | | | | | |
|  | 8393.292 | | • | | • | | | 83932925 |
| jaw throat with wavy tooth edge, 20 mm, single-action | | | | • | • | | | 83942925 |
| Atraumatic grasping forceps | | | | | | | | |
|  | 8393.293 | | • | | • | | | 83932935 |
| jaw throat with wavy tooth edge, 20 mm, double-action | | | | • | • | | | 83942935 |


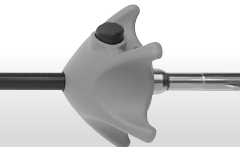






The complete instruments in the table are only recommendations. They are comprised of the components: jaw insert, sheath and handle versions. However, any combination is possible within the same diameter. The **ERAGONaxial** handle can also be selected as an addition, or an alternative.

ø 5.0 mm, insulated

| 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 | Type |
| Grasping and dissecting forceps  fine pyramid-shaped toothings, slimline, 14 mm, double-action | | 8393.288 | • | | | | • | 83932887 |
| Atraumatic grasping forceps  fenestrated, with cross-cut toothings, double-action | | 8392.181 | • | | | | • | 83921817 |
| | | 8393.181 | • | | | | • | 83931817 |
| | | 8394.181 | | • | | | • | 83941817 |
| Atraumatic grasping forceps  smooth, double-action | | 8393.195 | • | | | • | | 83931957 |
| | | 8394.195 | | • | | • | | 83941957 |
| Grasping forceps "Babcock"  Grasping surface with fine cross-cut toothings, double-action | | 8393.186 | • | | • | | | 83931867 |
| Grasping forceps "Babcock"  large distal grip jaws with fine cross-cut toothings, double-action | | 8393.187 | • | | • | | | 83931877 |
| | | 8394.187 | | • | • | | | 83941877 |






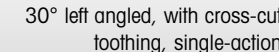



The complete instruments in the table are only recommendations. They are comprised of the components: jaw insert, sheath and handle versions. However, any combination is possible within the same diameter. The **ERAGONaxial** handle can also be selected as an addition, or an alternative.

ø 5.0 mm, insulated

| 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 | Type |
| 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  with row of teeth, double-action | | 8393.485 | • | | | | • | 83934857 |
| Grasping forceps  with one tooth, fine cross-cut toothings, slimline, double-action | | 8393.486 | • | | | | • | 83934867 |
| Grasping forceps  with two teeth, fine cross-cut toothings, single-action | | 8393.487 | • | | | | • | 83934877 |









The complete instruments in the table are only recommendations. They are comprised of the components: jaw insert, sheath and handle versions. 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

| 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 | Type |
|  <p>Grasping forceps</p> | 8393.490 | | • | | • | | | 83934907 |
| | <p>with two teeth, wavy grasping surface, double-action</p> | 8394.490 | | | • | • | | |
|  <p>Dissecting forceps "Petelin"</p> | 8393.282 | | • | | | | • | 83932827 |
|  <p>30° left angled, with cross-cut toothings, single-action</p> | | | | | | | | |
|  <p>Plate-shaped grasping forceps</p> | 8393.182 | | • | | | | • | 83931827 |
| <p>fenestrated with fine cross-cut toothings, double-action</p> | | | | | | | | |
|  <p>Grasping and dissecting forceps</p> | 8393.183 | | • | | | • | | 83931837 |
| <p>fine cross-cut toothings, double-action</p> | | | | | | | | |
|  <p>Grasping and coagulating forceps</p> | 8393.287 | | • | | | • | | 83932877 |
| <p>distal cross-cut toothings with jaw throat, double-action</p> | | | | | | | | |








The complete instruments in the table are only recommendations. They are comprised of the components: jaw insert, sheath and handle versions. 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

| 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 | Type |
| Claw grasping forceps  8393.494 double-action | | | • | | • | | | 83934945 |
| Grasping and extraction forceps  8393.488 Myoma grasping forceps, 2x3-claw, 30 mm, single-action | | | • | | • | | | 83934887 |
| Universal grasping forceps  8393.481 pyramid-shaped toothings and cross-cut toothings, 15 mm, double-action | | | • | | | | • | 83934817 |
| Universal holding forceps  8393.482 Pyramid-shaped toothings and cross-cut toothings, 25 mm, double-action | | | • | | • | | | 83934827 |
| Grasping and extraction forceps "pike-mouth"  8393.483 double-action | | | • | | | | • | 83934837 |


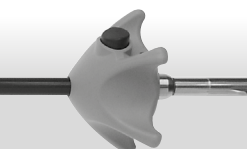




The complete instruments in the table are only recommendations. They are comprised of the components: jaw insert, sheath and handle versions. However, any combination is possible within the same diameter. The **ERAGONaxial** handle can also be selected as an addition, or an alternative.

ø 5.0 mm, insulated

| 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 | Type |
| 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 | | | | | | | | |
|  | 8393.093 | | • | | | • | | 83930937 |
| pointed spoon forceps, single-action | | | | | | | | |
| Extracorporeal knot applicator | | | | | | | | |
|  | 8393345 | | • | | • | | | 83933457 |
| with distal recess, double-action | | | | | | | | |









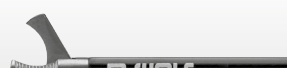
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ø 5.0 mm, insulated











| Jaw insert | | Sheath tube, ø 5 mm, insulated | | | Handle | | | Complete instrument • Jaw insert • Sheath tube • Handle |
|---|------|---|--------------|--------------|--|--------------------------------|-----------------------------|--|
|  | |  | | |  | | | |
| | | WL 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 extraction forceps 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 |
|  Grasping and dissecting forceps Atraumatic clip "Debaquey", longitudinal grooves with fine cross-cut toothing, double-action, with spring jaws | | 8393.291 | • | | • | | | 83932917 |
| | | | | | | | | |

The complete instruments in the table are only recommendations. They are comprised of the components: jaw insert, sheath and handle versions. 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











| 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 | Type |
| Scissors "Metzenbaum" | 8393.041 | | • | | | • | | 83930417 |
|  curved, double-action | 8394.041 | | | • | | • | | 83940417 |
| Micro-scissors "Metzenbaum" | 8393.044 | | • | | | • | | 83930447 |
|  curved, double-action | | | | | | | | |
| Scissors | 8393.045 | | • | | | • | | 83930457 |
|  slimline, straight, double-action | | | | | | | | |
| Hook scissors | 8393.081 | | • | | | • | | 83930817 |
|  serrated, single-action | 8394.081 | | | • | | • | | 83940817 |

The complete instruments in the table are only recommendations. They are comprised of the components: jaw insert, sheath and handle versions. 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 5.0 mm, insulated | | Handle | | Complete instrument |
|--|---------|---|---------------|--|---|---|
|  | |  | |  |  | <ul style="list-style-type: none"> • Jaw insert • Sheath tube • Handle |
| | | WL 330 mm | WLd 450 mm | with lock, without HF | with lock, with HF, mono | |
| | Type | 8393933 | 8394933 | 83930072 | 83930074 | Type |
|  Grasping and dissecting forceps right-angled, double-action | 8393192 | • | | | • | 83931927 |
| | 8394192 | | • | | • | 83941927 |
|  Grasping and dissecting forceps jaw length 13 mm, double-action | 8393193 | • | | • | | 83931937 |
| | 8394193 | | • | • | | 83941937 |
|  Grasping and dissecting forceps long, jaw length 22 mm, double-action | 8393194 | • | | | • | 83931947 |
| | 8394194 | | • | | • | 83941947 |
|  Grasping and dissecting forceps long, jaw length 28 mm, double-action | 8393197 | • | | | • | 83931977 |
| | 8394197 | | • | | • | 83941977 |
|  Grasping forceps curved, fine tip, double-action | 8393198 | • | | | • | 83931987 |
| | 8394198 | | • | | • | 83941987 |
|  Grasping and dissecting forceps long, fine tip, double-action | 8393199 | • | | | • | 83931997 |
| | 8394199 | | • | | • | 83941997 |

The complete instruments in the table are only recommendations. They are comprised of the components: jaw insert, sheath and handle versions. 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










| 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 | with lock, with HF, mono | |
| | Type | 8393933 | 8394933 | 83930072 | 83930074 | Type |
|  short, fine tip, double-action | Grasping and dissecting forceps | 8393200 | • | | • | 83932007 |
| | 8394200 | | • | | • | 83942007 |
|  atraumatic, fine cross toothing, double-action | Grasping and dissecting forceps | 8393210 | • | | • | 83932107 |
| | 8393220 | • | | | • | 83932207 |
|  atraumatic, double-action | Grasping and dissecting forceps | 8394220 | • | | • | 83942207 |
| | 8393223 | • | | • | | 83932237 |
|  atraumatic, fine cross toothing, double-action | Grasping forceps | 8394223 | • | • | | 83942237 |
| | 8393250 | • | | • | | 83932507 |
|  atraumatic, fenestrated, fine cross toothing, double-action | Grasping forceps | 8394250 | • | • | | 83942507 |
| | Atraumatic grasping forceps | 8393229 | • | • | | 83932297 |
|  with double window, curved, single-action | Atraumatic grasping forceps | 8394229 | • | • | | 83942297 |
| | | | | | | |

The complete instruments in the table are only recommendations. They are comprised of the components: jaw insert, sheath and handle versions. 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 5.0 mm, insulated | | Handle | | Complete instrument |
|---|---------|---|--------------|--|---|---|
|  | |  | |  |  | <ul style="list-style-type: none"> • 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 | | | | | | |
|  | 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" | | | | | | |
|  | 8393256 | • | | | • | 83932567 |
| curved, jaw length 28 mm, double-action | | | | | | |
| Grasping forceps "Debakey" | | | | | | |
|  | 8393258 | • | | | • | 83932587 |
| double-action, jaw length 40 mm | 8394258 | | • | | • | 83942587 |



The complete instruments in the table are only recommendations. They are comprised of the components: jaw insert, sheath and handle versions. 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

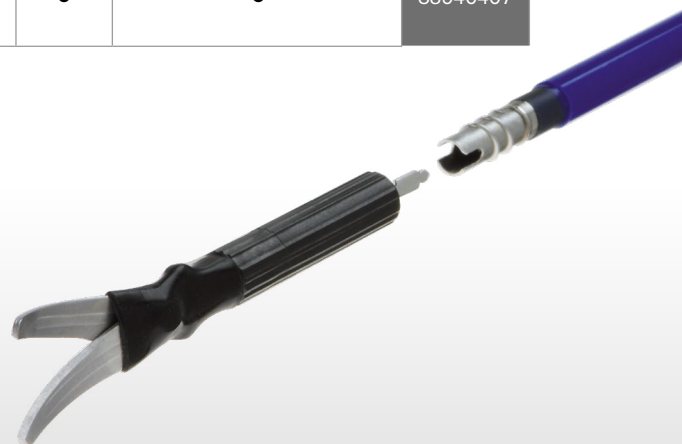
| Jaw insert | | Sheath tube, ø 5.0 mm, insulated | | Handle | | Complete instrument |
|---|---------------------------------------|---|-----------|--|---|---|
|  | |  | |  |  | <ul style="list-style-type: none"> • Jaw insert • Sheath tube • Handle |
| | | WL 330 mm | WL 450 mm | with lock, without HF | without lock, with HF, mono | |
| | Type | 8393933 | 8394933 | 83930072 | 83930073 | Type |
|  | 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 |
| | | 8394253 | • | • | | 83942537 |

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





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







| | | Handle | |
|--|------|--|--|
| ERAGON^{axial} All jaw inserts and sheaths can also be combined with ERAGON^{axial} . | |  | |
| | | without lock, with HF connector | |
| Knob attachment | Type | 83930083 | |
|  | 8988 | • | |

| Scissor blades | Pull rod | | | Sheath 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 | |
| Type | 8392934 | 8393934 | 8394934 | 8392935 | 8393935 | 8394935 | 83930073 | Type |
| 4393.040 | • | | | • | | | • | 83920407 |
| | | • | | | • | | • | 83930407 |
| | | | • | | | • | • | 83940407 |











ø 10.0 mm, uninsulated

| | | 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 |
| Knob attachment | Type | 83930082 | 83930085 |
|  | 8988 | • | |

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






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

ø 10,0 mm, uninsulated

| Jaw insert | | Sheath, ø 10 mm, uninsulated | | Handle | Complete instrument • Jaw insert • Sheath tube • Handle |
|--|----------|---|-----------|---|--|
|  | |  | |  | |
| | | WL 330 mm | WL 450 mm | with lock, without HF, mono | |
| | Type | 8395902 | 8396902 | 83930072 | Type |
| Claw grasping forceps | | | | | |
|  double-action | 8395.489 | • | | • | 83954897 |
| Claw grasping forceps | | | | | |
|  with additional row of teeth, double-action | 8395490 | • | | • | 83954907 |
| Atraumatic grasping forceps "Babcock" | | | | | |
|  large distal grasping surface with fine cross-cut toothing, double-action | 8395.187 | • | | • | 83951877 |
| | 8396187 | | • | • | 83961877 |
| Atraumatic grasping forceps "Babcock" | | | | | |
|  double-action | 8395.214 | • | | • | 83952148 |
| | 8396215 | | • | • | 83962157 |
| Grasping forceps | | | | | |
|  2/3 claw-shaped | 8395.204 | • | | • | 83952048 |
| | 8396204 | | • | • | 83962047 |







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

ø 10.0 mm, uninsulated

| Jaw insert | | Sheath, ø 10 mm, uninsulated | | Handle | Complete instrument • Jaw insert • Sheath tube • Handle |
|--|---|---|-----------|---|--|
|  | |  | |  | |
| | | WL 330 mm | WL 450 mm | with lock, without HF, mono | |
| | Type | 8395902 | 8396902 | 83930072 | Type |
|  double-action | Atraumatic plate-shaped grasping forceps 8395.234 | • | | • | 83952347 |
| | 8396234 | | • | • | 83962347 |
|  | Spoon forceps 8395.244 | • | | • | 83952448 |

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

ø 10.0 mm, uninsulated

| Jaw insert | | Sheath, ø 10 mm, uninsulated | Handle | | Complete instrument • 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° articable, atraumatic dissector, branch with distal slot and hook | | 8397.654 | • | • | 83976547 |
| Anvil Grasper  30° angled, double-action | | 8397.655 | • | • | 83976558 |

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

