

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.



2.0 mm, 3.5 mm, 5.0 mm and 10.0 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.

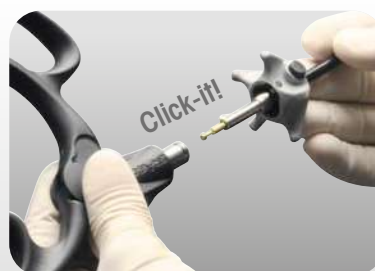
The interior joint mechanism provides additional patient safety. The joint of the jaw insert is covered by the distal end of the sheath tube. This excludes the possibility of unwanted injuries caused by inadvertently pinching any tissue.

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.



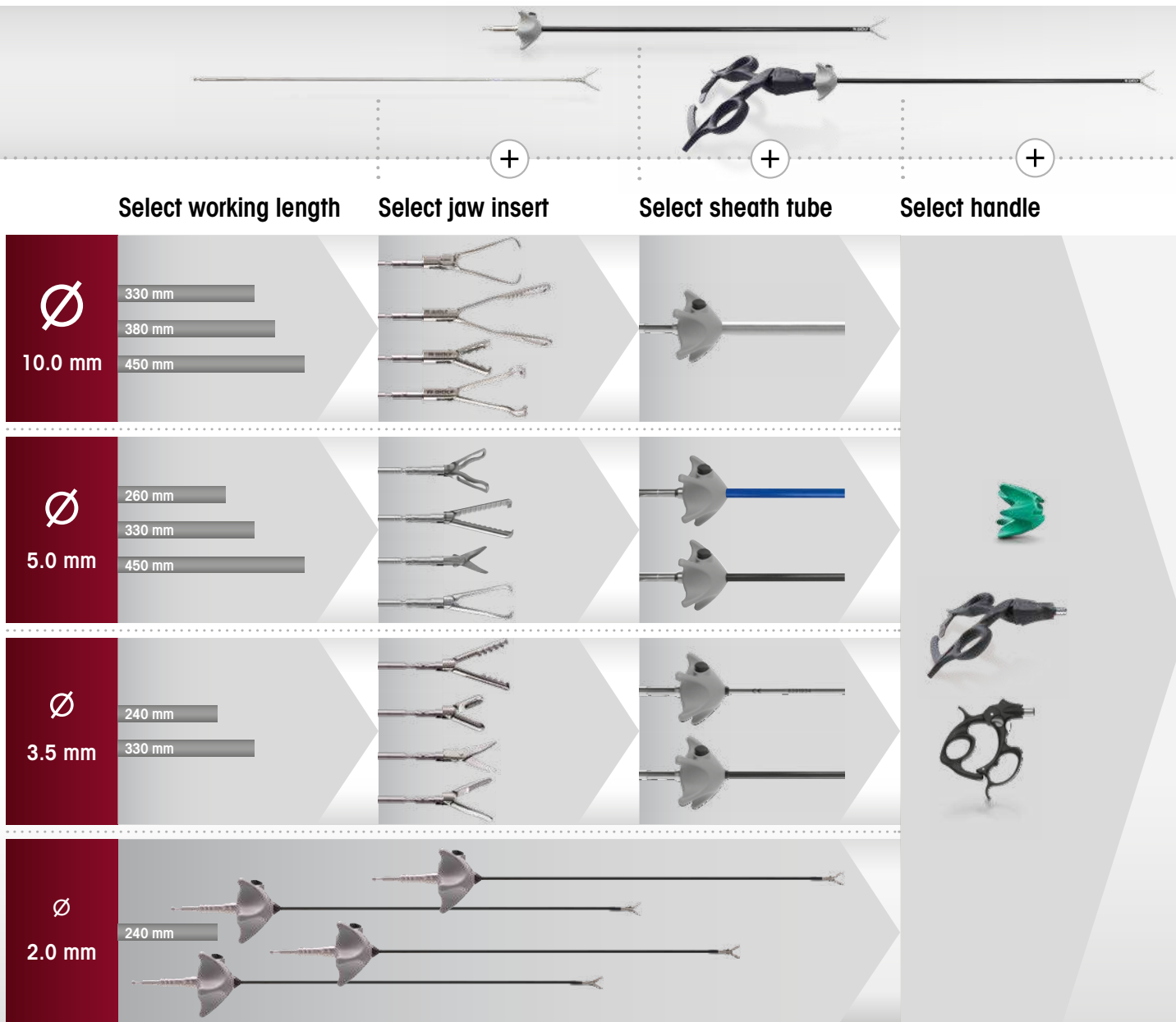
Overview of ERAGONmodular

- 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

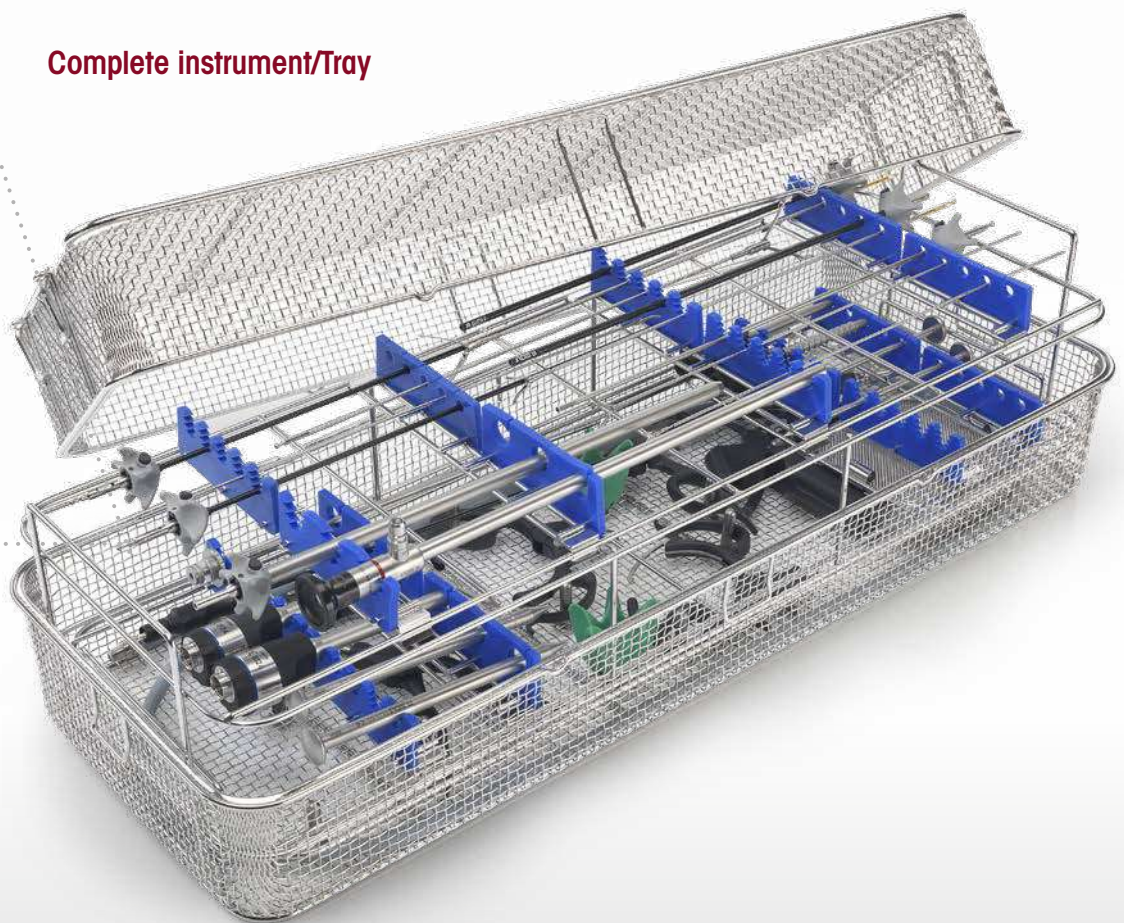
The toolbox principle

ERAGON^{modular} 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.





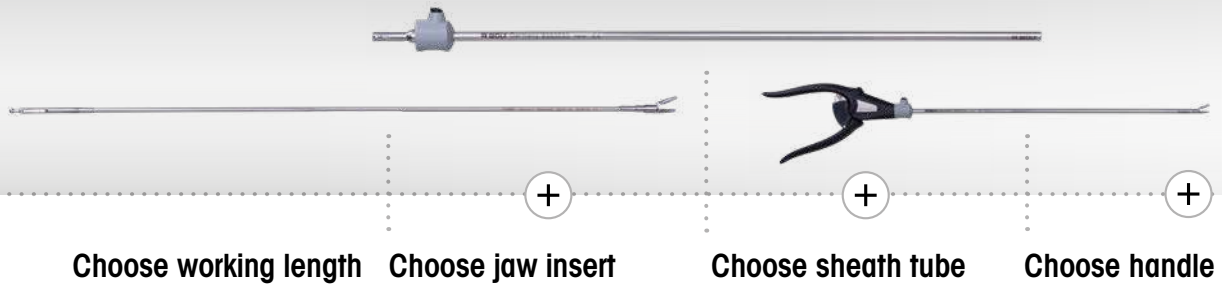
Complete instrument/Tray



ERAGON^{stitch}

The ergonomic needle-holder generation

Thanks to the custom combination options it offers, **ERAGONstitch** can accommodate any user requirement. The way in which it brings together ergonomics, versatility, modularity, and precision sets new standards in comfort.







| Working Length | Jaw Insert | Sheath Tube | Handle |
|-----------------------------------|------------|-------------|--------|
| 5.0 mm 330 mm 450 mm | | | |
| 3.5 mm 240 mm 330 mm | | | |





Needle holder ERAGONstitch



ERAGON modular *micro*







∅ 2.0 mm, insulated

| | | Handle | |
|---|------|---|---|
|  All jaw inserts and sheaths can also be combined with ERAGONaxial. | |  |  |
| | | without lock, with HF connector | without lock, with HF connector |
| Knob attachment | Type | 83930083 | 83930084 |
|  | 8988 | • | • |

| Jaw insert | Sheath tube, ∅ 2.0 mm, insulated | Handle | Complete instrument |
|---|---|---|---|
|  |  |  | • Jaw insert • Sheath tube • Handle |
| | WL 240 mm | without lock, with HF, mono | |
| | Type | 83930073 | Type |
| Scissors  straight, double jaw 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.

∅ 2.0 mm, insulated

| Jaw insert | | Sheath tube, ∅ 2.0 mm, insulated | Handle | Complete instrument • Jaw insert with sheath tube • Handle |
|---|---------|---|---|--|
|  | |  |  | |
| | | WL 240 mm | with lock, with HF, mono | |
| | Type | | 83930074 | Type |
|  straight, double jaw action | 8388201 | • | • | 83882017 |
|  fenestrated, double jaw action | 8388202 | • | • | 83882027 |
|  double jaw action | 8388203 | • | • | 83882037 |



For manual and machine reprocessing:





Irrigation adapter,








∅ 9 mm, length 64 mm

for insulated sheath tubes 163502

The complete Instrument Sets highlighted above are only recommendations. However, any other combination of the instruments is possible with the ERAGONaxial handles.











ø 3.5 mm, insulated


| | | Handle | |
|---|------|---|---|
|  All jaw inserts and sheaths can also be combined with ERAGONaxial. | |  |  |
| | | without lock, with HF connector | with lock, with HF connector |
| Knob attachment | Type | 83930083 | 83930084 |
|  | 8988 | • | • |

| Jaw insert | Sheath tube, ø 3.5 mm, insulated | | Handle | | Complete instrument • Jaw insert • Sheath tube • Handle | |
|---|----------------------------------|--------------|---|--|--|----------|
|  | WL 240 mm | WL 330 mm |  |  | | |
| | 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 tube 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.

∅ 3.5 mm, insulated





| Jaw insert | | Sheath tube, ∅ 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 |
|  Scissors "Metzenbaum" | 8390215 | • | | • | | | 83902157 |
| | 8391215 | | • | • | | | 83912157 |
| double-action | | | | | | | |
|  Scissors "Metzenbaum" | 8390224 | • | | • | | | 83902247 |
| | 8391224 | | • | • | | | 83912247 |
| fine serrated, curved, double-action | | | | | | | |
|  Hook scissors | 8390227 | • | | • | | | 83902277 |
| | 8391227 | | • | • | | | 83912277 |
| single-action | | | | | | | |
|  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 tube 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.

ERAGON modular mini








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 tube, ø 3.5 mm, uninsulated | | Handle | Complete instrument | |
|---|--|-----------|--|---|----------|
|  |  | |  | <ul style="list-style-type: none"> • 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 tube 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.

∅ 3.5 mm, uninsulated

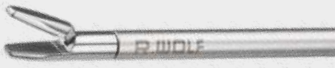




| Jaw insert | | Sheath tube, ∅ 3.5 mm, uninsulated | | Handle | Complete instrument • Jaw insert • Sheath tube • Handle |
|--|--|---|--------------|---|--|
|  | |  | |  | |
| | | WL 240 mm | WL 330 mm | with lock, without HF | |
| | Type | 8390934 | 8391934 | 83930072 | Type |
|  Atraumatic grasping forceps | 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 tube 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.

ERAGON^{stitch}

Needle holder ø 3.5 mm



| Needle holder jaw insert | | Sheath tube, ø 3.5 mm | | Handle | | Complete instrument • Jaw insert • Sheath tube • Handle | |
|---|---------|--|--------------|--|---|--|----------|
|  | |  | |  |  | | |
| | | SL 240 mm | SL 330 mm | With on-off detent mechanism, single-action | | | |
| | | | | Axial | Angled | | |
| ERAGON^{stitch} | Type | 8390533 | 8391533 | 8393943 | 8393944 | Order no. | |
| Needle holder jaw insert | 8391505 | • | | • | | 83915053 | |
| | | • | | | • | 83915054 | |
|  | 8391506 | | • | • | | 83915063 | |
| | | straight | | • | | • | 83915064 |









For manual and machine reprocessing:








Irrigation adapter,

Ø 9 mm, length 64 mm

for uninsulated sheath tubes 163503






ø 5.0 mm, insulated

| | | Handle | | | |
|---|------|---|---|--|---|
|  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 |
| Knob attachment | Type | 83930082 | 83930083 | 83930084 | 83930085 |
|  | 8988 | • | • | • | |

| Jaw insert | Sheath tube, ø 5.0 mm, insulated | | | Handle | | | Complete instrument • Jaw insert • Sheath tube • Handle |
|---|----------------------------------|-----------|-----------|---|--|--|--|
|  | WL 260 mm | WL 330 mm | WL 450 mm |  |  |  | |
| Type | 8392933 | 8393933 | 8394933 | 83930072 | 83930073 | 83930074 | Type |
| Grasping and dissecting forceps "Maryland Dissector"  curved, with fine cross-cut toothing, double-action | 8393.281 | • | | | | • | 83932817 |
| curved, with fine cross-cut toothing, double-action | 8394.281 | | • | | | • | 83942817 |
| Grasping and dissecting forceps "Mixer"  angled, fine pyramid-shaped toothing, double-action | 8393.283 | • | | | | • | 83932837 |
| Grasping and dissecting forceps  fenestrated, with fine cross-cut toothing, 21 mm long, single-action | 8393.185 | • | | | | • | 83931857 |






The complete instruments in the table are only recommendations. They are comprised of the components: jaw insert, sheath tube 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 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 toothing, 26 mm long, single-action | 8394.184 | | | • | | | • | 83941847 |
| Grasping and dissecting forceps "Dolphin" | | | | | | | | |
|  | 8393.285 | | • | | | • | | 83932857 |
| angled, fine cross-cut toothing, with jaw throat, slimline, 17 mm long, double-action | | | | | | | | |
| Grasping and dissecting forceps | | | | | | | | |
|  | 8393.289 | | • | | | | • | 83932897 |
| fine pyramid-shaped toothing, slimline, 23 mm, double-action | | | | | | | | |
| Atraumatic grasping forceps | | | | | | | | |
|  | 8393.292 | | • | | • | | | 83932925 |
| jaw throat with wavy tooth edge, 26 mm, single-action | 8394.292 | | | • | • | | | 83942925 |
| Atraumatic grasping forceps | | | | | | | | |
|  | 8393.293 | | • | | • | | | 83932935 |
| jaw throat with wavy tooth edge, 26 mm, double-action | 8394.293 | | | • | • | | | 83942935 |







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

∅ 5.0 mm, insulated

| Jaw insert | | Sheath tube, ∅ 5.0 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 | | | | | | | | |
|  | 8393.288 fine pyramid-shaped tothing, slimline, 19 mm, double-action | | • | | | | • | 83932887 |
| Atraumatic grasping forceps | | | | | | | | |
|  | 8392.181 | • | | | | | • | 83921817 |
| | 8393.181 | | • | | | | • | 83931817 |
| | 8394.181 fenestrated, with cross-cut tothing, double-action | | | • | | | • | 83941817 |
| Atraumatic grasping forceps | | | | | | | | |
|  | 8393.195 | | • | | | • | | 83931957 |
| | 8394.195 smooth, double-action | | | • | | • | | 83941957 |
| Grasping forceps "Babcock" | | | | | | | | |
|  | 8393.186 Grasping surface with fine cross-cut tothing, double-action | | • | | • | | | 83931867 |
|  | 8393.187 | | • | | • | | | 83931877 |
| | 8394.187 large distal grip jaws with fine cross-cut tothing, double-action | | | • | • | | | 83941877 |






The complete instruments in the table are only recommendations. They are comprised of the components: jaw insert, sheath tube 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 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 "Debaquey" atraumatic clip, double-action, jaw section length 39 mm | 8393190 | | • | | • | | | 83931907 |
|  Grasping and dissecting forceps "Debaquey" atraumatic clip, double-action, jaw section length 48 mm | 8393191 | | • | | • | | | 83931917 |
|  Grasping forceps with row of teeth, double-action | 8393.485 | | • | | | | • | 83934857 |
|  Grasping forceps with one tooth, fine cross-cut tothing, slimline, double-action | 8393.486 | | • | | | | • | 83934867 |
|  Grasping forceps with two teeth, fine cross-cut tothing, single-action | 8393.487 | | • | | | | • | 83934877 |









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

∅ 5.0 mm, insulated

| Jaw insert | | Sheath tube, ∅ 5.0 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 forceps 8393.490 with two teeth, wavy grasping surface, double-action | | | • | | • | | | 83934907 |
| | | | | • | • | | | 83944907 |
|  Dissecting forceps "Petelin" 8393.282 30° left angled, with cross-cut toothing, single-action | | | • | | | | • | 83932827 |
|  Plate-shaped grasping forceps 8393.182 fenestrated with fine cross-cut toothing, double-action | | | • | | | | • | 83931827 |
|  Grasping and dissecting forceps 8393.183 fine cross-cut toothing, double-action | | | • | | | • | | 83931837 |
|  Grasping and coagulating forceps 8393.287 distal cross-cut toothing with jaw throat, double-action | | | • | | | • | | 83932877 |








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

∅ 5.0 mm, insulated

| Jaw insert | | Sheath tube, ∅ 5.0 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 |
|  double-action | 8393.494 | | • | | • | | | 83934945 |
|  Myoma grasping forceps, 2x3-claw, 29 mm, single-action | 8393.488 | | • | | • | | | 83934887 |
|  pyramid-shaped toothing and cross-cut toothing, 18 mm, double-action | 8393.481 | | • | | | | • | 83934817 |
|  Pyramid-shaped toothing and cross-cut toothing, 26 mm, double-action | 8393.482 | | • | | • | | | 83934827 |
|  double-action | 8393.483 | | • | | | | • | 83934837 |




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

∅ 5.0 mm, insulated

| Jaw insert | | Sheath tube, ∅ 5.0 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 |
|  with pins, double-action | Biopsy forceps 8393.091 | | • | | | • | | 83930917 |
| | 8394.091 | | | • | | • | | 83940917 |
|  severing, single-action | Biopsy forceps 8393.092 | | • | | | • | | 83930927 |
| | 8394.092 | | | • | | • | | 83940927 |
|  pointed spoon forceps, single-action | Biopsy forceps 8393.093 | | • | | | • | | 83930937 |
|  with distal recess, double-action | Extracorporeal knot applicator 8393345 | | • | | • | | | 83933457 |








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

∅ 5.0 mm, insulated

| Jaw insert | | Sheath tube, ∅ 5.0 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 tothing, double-action, with spring jaws | | 8393.188 | • | | • | | | 83931887 |
| Grasping and dissecting forceps  fine cross-cut tothing, fenestrated, double-action, with spring jaws | | 8393.189 | • | | • | | | 83931897 |
| Grasping and dissecting forceps  Atraumatic clip "Debakey", longitudinal grooves with fine cross-cut tothing, double-action, with spring jaws | | 8393.291 | • | | • | | | 83932917 |


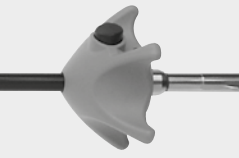







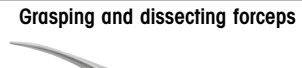
The complete instruments in the table are only recommendations. They are comprised of the components: jaw insert, sheath tube and handle versions. However, any combination is possible within the same diameter. The **ERAGONaxial** handle can also be selected as an addition, or an alternative.

∅ 5.0 mm, insulated

| Jaw insert | | Sheath tube, ∅ 5.0 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 |
|  | 8393.041 | | • | | | • | | 83930417 |
| | 8394.041 curved, double-action | | | • | | • | | 83940417 |
|  | 8393.044 | | • | | | • | | 83930447 |
| | curved, double-action | | | | | | | |
|  | 8393.045 | | • | | | • | | 83930457 |
| | slimline, straight, double-action | | | | | | | |
|  | 8393.081 | | • | | | • | | 83930817 |
| | 8394.081 serrated, single-action | | | • | | • | | 83940817 |










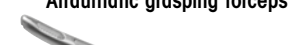
The complete instruments in the table are only recommendations. They are comprised of the components: jaw insert, sheath tube and handle versions. However, any combination is possible within the same diameter. The **ERAGONaxial** handle can also be selected as an addition, or an alternative.

∅ 5.0 mm, insulated

| Jaw insert | | Sheath tube, ∅ 5.0 mm, insulated | | Handle | | Complete instrument • Jaw insert • Sheath tube • Handle |
|---|---------|---|---------------|--|---|--|
|  | |  | |  |  | |
| | | WL 330 mm | WLa 450 mm | with lock, without HF | with lock, with HF, mono | |
| | Type | 8393933 | 8394933 | 83930072 | 83930074 | Type |
| Grasping and dissecting forceps | | | | | | |
|  | 8393192 | • | | | • | 83931927 |
| right-angled, double-action | 8394192 | | • | | • | 83941927 |
| Grasping and dissecting forceps | | | | | | |
|  | 8393193 | • | | • | | 83931937 |
| jaw length 16 mm, double-action | 8394193 | | • | • | | 83941937 |
| Grasping and dissecting forceps | | | | | | |
|  | 8393194 | • | | | • | 83931947 |
| long, jaw length 24 mm, double-action | 8394194 | | • | | • | 83941947 |
| Grasping and dissecting forceps | | | | | | |
|  | 8393197 | • | | | • | 83931977 |
| long, jaw length 30 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 |










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

∅ 5.0 mm, insulated

| Jaw insert | | Sheath tube, ∅ 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 |
| Grasping and dissecting forceps | | | | | | |
|  | 8393200 | • | | | • | 83932007 |
| short, fine tip, double-action | 8394200 | | • | | • | 83942007 |
| Grasping and dissecting forceps | | | | | | |
|  | 8393210 | • | | | • | 83932107 |
| atraumatic, fine cross toothing, double-action | | | | | | |
| 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 |









The complete instruments in the table are only recommendations. They are comprised of the components: jaw insert, sheath tube 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 |
| | 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 35 mm, double-action | 8393258 | | | • | 83932587 |
| Grasping forceps "Debakey"  | 8393258 | • | | | • | 83932587 |
| | double-action, jaw length 47 mm | 8394258 | | • | • | 83942587 |

The complete instruments in the table are only recommendations. They are comprised of the components: jaw insert, sheath tube 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 | 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 |





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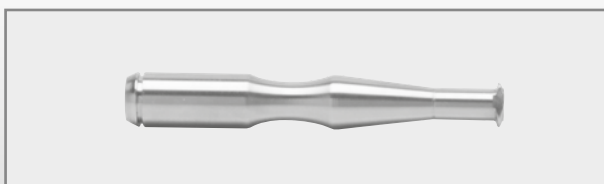
| Sheath tube, ø 5.0 mm, insulated | | | |
|--|---------------------------|-----------|-----------|
|  | | | |
| | Type | WL 330 mm | WL 450 mm |
|  | ERAGONmodular sheath tube | 8393932 | • |
| | with distal cm scale | 8394932 | • |

Needle holder Ø 5.0 mm

| Needle holder jaw insert | | Sheath tube, Ø 5.0 mm | | Handle | | Complete instrument • Jaw insert • Sheath tube • Handle | |
|--|---------|---|---------|--|-----------|--|----------|
|  | |  | |  | | | |
| | | | | | | | |
| | | | | SL 330 mm | SL 450 mm | Axial | |
| ERAGON ^{stitch} | Type | 8393533 | 8394533 | 8393943 | 8393944 | Order no. | |
| Needle holder jaw insert straight  | 8393507 | • | | • | | 83935073 | |
| | | | • | | | • | 83935074 |
| | 8394507 | | • | • | | | 83945073 |
| | | | | • | | • | 83945074 |
| Needle holder jaw insert straight, narrow  | 8393508 | • | | • | | 83935083 | |
| | | | • | | | • | 83935084 |
| | 8394508 | | | • | • | | 83945083 |
| | | | | • | | • | 83945084 |
| Needle holder jaw insert straight, with self-righting function  | 8393509 | • | | • | | 83935093 | |
| | | | • | | | • | 83935094 |
| | 8394509 | | | • | • | | 83945093 |
| | | | | • | | • | 83945094 |

∅ 5.0 mm

| Needle holder jaw insert | | Sheath tube, ∅ 5.0 mm | | Handle | | Complete instrument • Jaw insert • Sheath tube • Handle | |
|--|---------------------------------------|---|---------|--|-----------|--|----------|
|  | |  | |  | | | |
| | | | | | | | |
| | | | | SL 330 mm | SL 450 mm | Axial | |
| ERAGON _{stitch} | Type | 8393533 | 8394533 | 8393943 | 8393944 | Order no. | |
|  | Needle holder jaw insert curved right | 8393518 | • | • | | 83935183 | |
| | | 8394518 | • | | • | 83935184 | |
| | Needle holder jaw insert curved left | 8393519 | • | | • | | 83935193 |
| | | 8394519 | • | | • | • | 83935194 |






For manual and machine reprocessing:


Irrigation adapter,

∅ 9 mm, length 64 mm





for uninsulated sheath tubes 163503






ø 5.0 mm, insulated

| | | Handle |
|---|------|--|
|  <p>All jaw inserts and sheaths can also be combined with ERAGONaxial.</p> | |  without lock, with HF connector |
| Knob attachment | Type | 83930083 |
|  | 8988 | • |

| Scissor blades | Pull rod | | | Sheath tube, ø 5.0 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 |











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

| Jaw insert | Sheath tube, ∅ 10.0 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 | | • | | • | 83962257 |
| double-action | | | | | | |
| Dissecting forceps | 8395.226 | • | | | • | 83952268 |
|  | 8396226 | | • | | • | 83962267 |
| right-angled, double-action | | | | | | |
| Grasping forceps with pike mouth | 8395.236 | • | | | • | 83952368 |
|  | 8396236 | | • | | • | 83962367 |
| double-action | | | | | | |






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∅ 10.0 mm, uninsulated

| Jaw insert | | Sheath tube, ∅ 10.0 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 | | | | | |
|  | 8395.204 | • | | • | 83952048 |
| 2/3 claw-shaped | 8396204 | | • | • | 83962047 |







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

∅ 10.0 mm, uninsulated

| Jaw insert | | Sheath tube, ∅ 10.0 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 |
|  | Atraumatic plate-shaped grasping forceps | 8395.234 | • | • | 83952347 |
| | double-action | 8396234 | | • | 83962347 |
|  | Spoon forceps | 8395.244 | • | • | 83952448 |

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∅ 10.0 mm, uninsulated

| Jaw insert | | Sheath tube, ∅ 10.0 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 |
|  | 8397.654 | • | • | | 83976547 |
| 90° articlable, atraumatic dissector, branch with distal slot and hook | | | | | |
|  | 8397.655 | • | | • | 83976558 |
| 30° angled, double-action | | | | | |

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