

# ENDOSOLUTIONS FOR GI

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Endoscopy systems & therapeutic devices





CLUTCHCUTTER | FLUSHKNIFE | TRACMOTION | JW-3 | PURASTAT

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ST HOODS



- ST Hoods have a transparent, small caliber tip, maintaining a clear field of view.
- Providing a clear and stable view by maintaining the distance between the distal end and mucosal layer
  - Side holes for better drainage of fluid to maintain a clear endoscopic view
  - Sterile and single-use for better infection control
  - Guide groove (available with DH-33GR and DH-34CR) to stabilise endotherapeutic devices

| Model     | Material code | Characteristics                                               | Ø Outer (mm) | Ø Inner tip (mm) | Tip length (mm) | Accessory guide | Applicable endoscopes                                                                                                           | Unit |
|-----------|---------------|---------------------------------------------------------------|--------------|------------------|-----------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------|------|
| DH-28GR   | 16426426      | Transparent; silicone rubber, polycarbonate resin             | 11.5         | 8.0              | 7.0             | Without         | EG-840T<br>EG-760Z<br>EG-600ZW<br>EC-740T/M, L                                                                                  | 5    |
| DH-29CR   | 16426438      | Transparent; silicone rubber, polycarbonate resin             | 12.4         | 8.0              | 7.0             | Without         | EC-860P/M, L<br>EC-760P-V/M, L                                                                                                  | 5    |
| DH-30CR   | 16426440      | Transparent; silicone rubber, polycarbonate resin             | 13.8         | 8.0              | 7.0             | Without         | EC-860S/M, I, L<br>EC-760R-V/M, I, L<br>EC-760ZP-V/M, L<br>EC-760Z-V/M, L<br>EC-720R/M, I, L<br>EC-600WM/WI/WL<br>EC-600ZW/M, L | 5    |
| DH-33GR   | 16635493      | Transparent; guide type; silicone rubber, polycarbonate resin | 11.8         | 7.0              | 7.0             | Yes             | EG-840T<br>EG-760Z<br>EG-760CT<br>EC-740T/M, L                                                                                  | 5    |
| DH-34CR   | 16635508      | Transparent; guide type; silicone rubber, polycarbonate resin | 13.6         | 7.0              | 7.0             | Yes             | EC-860P/M, L<br>EC-760R-V/M, I, L<br>EC-760ZP-V/M, L<br>EC-600WM/WI/WL                                                          | 5    |
| DH-083ST  | 16833411      | Transparent; silicone rubber, polycarbonate resin             | 9.5          | 7.0              | 3.5             | Without         | EG-840TP                                                                                                                        | 5    |
| DH-106STL | 16833423      | Transparent; silicone rubber, polycarbonate resin             | 11.6         | 8.0              | 6.0             | Without         | EG-840T<br>EG-760Z<br>EC-740T/ M, L                                                                                             | 5    |
| DH-116STL | 16833435      | Transparent; silicone rubber, polycarbonate resin             | 12.6         | 8.0              | 6.0             | Without         | EG-760CT<br>EC-860P/M, L<br>EC-760P-V/ M, L                                                                                     | 5    |
| DH-126STL | 16833447      | Transparent; silicone rubber, polycarbonate resin             | 13.7         | 8.0              | 6.0             | Without         | EC-760R-V/ M, I, L<br>EC-760ZP-V/ M, L                                                                                          | 5    |



DH-28GR



DH-29CR



DH-30CR



DH-33GR



DH-34CR



DH-083ST



DH-106STL



DH-116STL



DH-126STL

OBSERVATION HOODS



| Model    | Material code | Characteristics                  | Ø Outer (mm) | Ø Inner tip (mm) | Tip length (mm) | Applicable endoscopes       | Unit |
|----------|---------------|----------------------------------|--------------|------------------|-----------------|-----------------------------|------|
| DH-17EN2 | 16783393      | Transparent, sterilised with EOG | 11.5         | 8.5              | 1.5             | EI-580BT, EN-580T           | 10   |
| DH-32EN  | 16516594      | Transparent, sterilised with EOG | 9.7          | 5.0              | 1.5             | EI-580BT, EN-580T, EN-580XP | 10   |



DH-17EN2



DH-32EN

TOP ENDOSCOPIC HOODS\*

THIRD PARTY PRODUCT

The slit and drainage hole allows fluid to drain away quickly.

| Model   | Material code | Characteristics      | Ø Outer (mm) | Tip length (mm) | Applicable endoscopes                                                  | Unit |
|---------|---------------|----------------------|--------------|-----------------|------------------------------------------------------------------------|------|
| SHS     | 70100142568   | Soft and transparent | 8.6 – 9.8    |                 | EG-860R<br>EG-840T<br>EG-760R                                          | 5    |
| SHM     | 70100139249   | Soft and transparent | 9.8 – 10.6   |                 | EG-840T<br>EG-760Z<br>EG-760CT<br>EC-740T/M, L                         | 5    |
| SHL     | 70100139248   | Soft and transparent | 10.6 – 12.6  |                 | EC-860P/M,L<br>EC-760R-V/M, I, L<br>EC-760ZP-V/M, L<br>EC-760P-V/M, L  | 5    |
| SHLL    | 70100143067   | Soft and transparent | 12.6 – 14.0  |                 | EC-860S/M,I,L<br>EC-760Z-V/M, L                                        | 5    |
| SHM-B   | 70100139250   | Soft and black       | 9.8 – 10.6   |                 | EG-840T<br>EG-760Z<br>EG-760CT<br>EC-740T/M, L                         | 5    |
| SHL-B   | 70100139251   | Soft and black       | 10.6 – 12.6  |                 | EC-860P/M, L<br>EC-760R-V/M, I, L<br>EC-760ZP-V/M, L<br>EC-760P-V/M, L | 5    |
| SHF-010 | 70100168015   | Hard and transparent | 9.0 – 9.2    | 3.5. – 7.0      | EG-720R<br>EG-760R                                                     | 5    |
| SHF-020 | 70100143067   | Hard and transparent | 9.8          | 3.5. – 7.0      | EG-840T<br>EG-760Z<br>EC-740T/M, L                                     | 5    |
| SHF-035 | 70100139658   | Hard and transparent | 10.8         | 3.5. – 7.0      | EG-760CT<br>EC-760P-V/M, L                                             | 5    |
| SHF-045 | 70100141234   | Hard and transparent | 11.5         | 3.5. – 7.0      | EC-860P/M,L<br>EC-760R-V/M, I, L                                       | 5    |
| SHF-050 | 70100139656   | Hard and transparent | 12.2         | 3.5. – 7.0      | EC-760ZP-V/M, L                                                        | 5    |
| SHF-055 | 70100139657   | Hard and transparent | 13.2         | 3.5. – 7.0      | EC-860S/M,I,L<br>EC-760Z-V/M, L                                        | 5    |



SHS / M / L / LL



SHM-B / L-B



SHF

\* Manufactured by Top Corporation, Japan. Not for sale in Canada.

# CLUTCHCUTTER

## The 3-in-1 ESD tool for various techniques

The ClutchCutter is a well proven endoscopic mucosal dissection tool that can enable the user to grasp, and electrically dissect and coagulate the mucosa of the upper and lower GI tract.

In procedures that need to be performed perpendicular to the muscular layer, the ClutchCutter makes it possible to grasp, lift up and incrementally dissect the tissue.



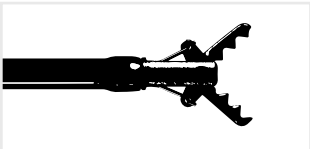
**ClutchCutter**

- TOOTHED JAWS TO GRIP THE MUCOSA EFFICIENTLY
- ROTATABLE DISTAL JAWS FOR A PRECISE LESION APPROACH
- INSULATED OUTER EDGE TO REDUCE RISK OF DAMAGING LOCAL TISSUE

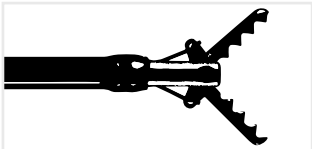


### CLUTCH CUTTER ESD KNIFE

| Model           | Material code | Characteristics | Identifier | Knife length (mm) | Working length (mm) | Ø Instrument channel (mm) |
|-----------------|---------------|-----------------|------------|-------------------|---------------------|---------------------------|
| DP2618DT - 35 - | 16444210      | ESD Scissor     | - 35 -     | 3.5               | 1,800               | 2.8 or more               |
| DP2618DT - 50 - | 16444222      | ESD Scissor     | - 50 -     | 5.0               | 1,800               | 2.8 or more               |



DP2618DT -35-: 3.5 mm jaw length



DP2618DT -50-: 5.0 mm jaw length

**3-in-1 ability**  
All stages of ESD can be performed with this 3-in-1 tool, from marking to making incisions and coagulating.



1. Incision



2. Dissection



3. Coagulation

# FLUSHKNIFE



## Enhanced usability ideal for all physicians

One knife covers everything from marking (coagulation), dissection to arrest of bleeding. The high versatility of this knife improves the efficiency of the procedure by reducing the exchange of instruments during the procedure.

**THINNER SHEATH FOR ENHANCED SUCTION PERFORMANCE<sup>1</sup>**

**EXCELLENT MANOEUVRABILITY AND STABILITY<sup>2</sup>**

**FLUID SUPPLY CAPABILITY WITH WATER PUMP JW-3**

1. Due to tapered catheter design between distal section and handle to increase working channel lumen.  
2. Due to increased catheter diameter on the distal section to secure stable position in the working channel.



## FLUSHKNIFE BTS



FlushKnife BTS has a ball tip which touches a wider range of tissue and supports effective coagulation.

| Model                                                            | Material code                                | Characteristics             | Identifier                               | Colour code                      | Knife length (mm)        | Working length (mm) | Ø Instrument channel (mm) |
|------------------------------------------------------------------|----------------------------------------------|-----------------------------|------------------------------------------|----------------------------------|--------------------------|---------------------|---------------------------|
| DK2620JI-B15-<br>DK2620JI-B20-<br>DK2620JI-B25-<br>DK2620JI-B30- | 16659607<br>16659619<br>16659621<br>16659633 | Ball tip,<br>Slim Type      | - B15 -<br>- B20 -<br>- B25 -<br>- B30 - | Green<br>Blue<br>Yellow<br>Black | 1.5<br>2.0<br>2.5<br>3.0 | 2,000               | 2.8 or more               |
| DK2623JI-B15-<br>DK2623JI-B20-                                   | 16659669<br>16659671                         | Ball tip,<br>Long slim type | - B15 -<br>- B20 -                       | Green<br>Blue                    | 1.5<br>2.0               | 2,300               | 2.8 or more               |

## FLUSHKNIFE NS



FlushKnife NS has a slim needle shaped tip.

| Model                                                                             | Material code                                            | Characteristics               | Identifier                                          | Colour code                               | Knife length (mm)               | Working length (mm) | Ø Instrument channel (mm) |
|-----------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------|-----------------------------------------------------|-------------------------------------------|---------------------------------|---------------------|---------------------------|
| DK2620JI-N10-<br>DK2620JI-N15-<br>DK2620JI-N20-<br>DK2620JI-N25-<br>DK2620JI-N30- | 16659554<br>16659566<br>16659578<br>16659580<br>16659592 | Needle tip,<br>Slim Type      | - N10 -<br>- N15 -<br>- N20 -<br>- N25 -<br>- N30 - | White<br>Green<br>Blue<br>Yellow<br>Black | 1.0<br>1.5<br>2.0<br>2.5<br>3.0 | 2,000               | 2.8 or more               |
| DK2623JI-N15-<br>DK2623JI-N20-                                                    | 16659645<br>16659657                                     | Needle tip,<br>Long slim type | - N15 -<br>- N20 -                                  | Green<br>Blue                             | 1.5<br>2.0                      | 2,300               | 2.8 or more               |



1. Marking (coagulation)



2. Water jet



3. Mucosal incision



4. Submucosal dissection



5. Submucosal supply



6. Coagulation

### Recommended applications\*

| Diameter   | 1mm | 1.5mm | 2mm | 2.5mm | 3mm |
|------------|-----|-------|-----|-------|-----|
| Oesophagus | ○   | ◎     | ◎   | △     | △   |
| Stomach    | ○   | ◎     | ◎   | ◎     | ○   |
| Colon      | ○   | ◎     | ◎   | △     | △   |

◎ Best indication  
○ Possible Use  
△ Indicated in certain cases

\* Examples of the suitable protruding lengths are suggested by Takashi Toyonaga M.D. of Kobe University Hospital.  
A physician must take into consideration each particular condition of the area or lesion to be dissected when selecting a protruding knife length.

# TRACMOTION

## Precise movement, faster procedures

TRACMOTION

To simplify the lesion extraction process, Fujifilm has developed the TRACMOTION traction device for ESD. It is designed to potentially facilitate enhanced visualisation.

It is expected to simplify the lesion excision process to allow for greater control and manoeuvrability during ESD procedures. TRACMOTION is equipped with 360° rotatable jaws, enabling easy grasping and re-grasping of large lesions.

360° ROTABLE JAWS

NO LOCKING MECHANISM NEEDED

POTENTIAL FOR BETTER VISUALISATION

SINGLE OPERATOR CAPABILITY



## TRACMOTION SINGLE OPERATOR ESD TRACTION DEVICE

2

| Model    | Material code | Ø Outer, insertion portion (mm) | Working length (mm) | Compatible endoscope                                                                                              |
|----------|---------------|---------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------|
| GF3612RT | 16747076      | 3.6                             | 1,260               | EI-740D/S and dual channel endoscopes with 3.7 mm minimum instrument channel diameter and 1,030 mm working length |



GF3612RT

### Compatibility with dual channel endoscopes

TRACMOTION is designed to work simultaneously and unobtrusively with an ESD knife using a dual channel endoscope. It is compatible with the Fujifilm EI-740D/S dual channel endoscope as well as other dual channel endoscopes that have one 3.7 mm (or larger) instrument channel and a working length of 1,260 mm.

With TRACMOTION, ESD also is expected to be performed in retroflexion to further enhance visualisation in challenging anatomy.

### Simplifying ESD

With TRACMOTION, an endoscopist uses simple single-hand movements to control the distal end of the product, independent of the endoscope's movement. TRACMOTION can hold tissue during ESD without complicated locking mechanisms, potentially adding efficiency during this advanced procedure.

In addition, performing ESD with TRACMOTION is expected to allow for en bloc extraction while reducing the amount of lifting agent, the number of device exchanges, and the procedure time.

As an intuitive retraction tool, TRACMOTION simplifies the lesion extraction process, and offers the potential to endoscopists to reduce their time in both learning and performing ESD procedures.



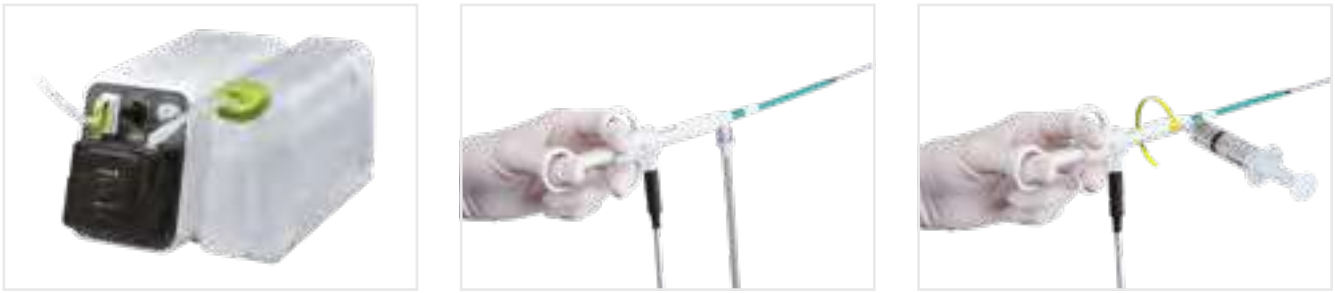
JW-3 WATER PUMP



Advanced piping technology enables water flow to be quickly stopped. The one litre water bottle enables prolonged water use and minimises the need for constant refilling.

Water jet system and rotatable water supply port

The water jet system keeps the tip of the knife clean by washing off debris and lesion tissue adhering to the tip, thereby maintaining the sharpness of the knife throughout the treatment. The rotatable water supply port allows comfortable usage of both tube and syringe connection.

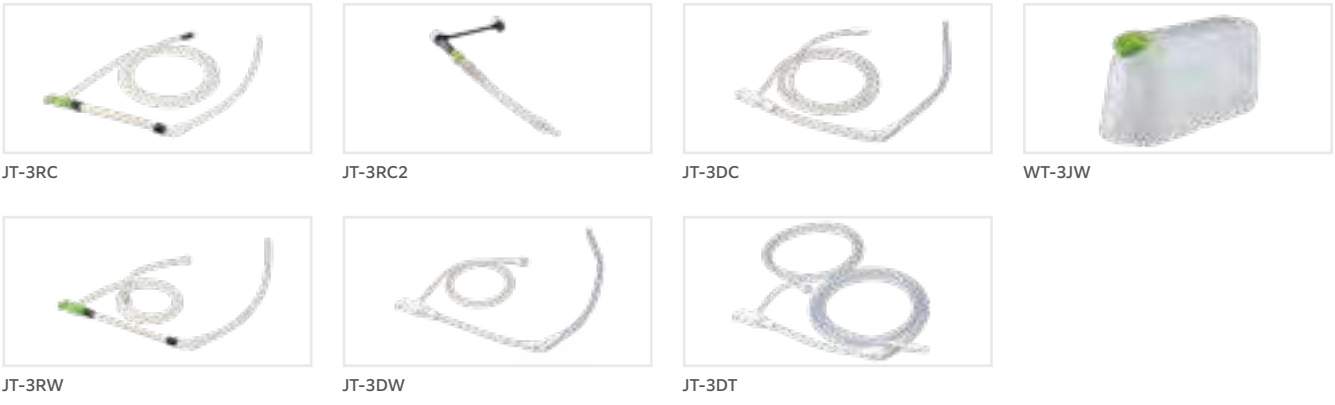


Design Award Winner  
JW-3 Water Pump



WATER PUMP ACCESSORIES

| Product name                              | Material code | Where to use                | Characteristics | Total tube length (mm) | Unit |
|-------------------------------------------|---------------|-----------------------------|-----------------|------------------------|------|
| Instrument channel tube JT-3RC            | 16642836      | Instrument channel (mode A) | Reusable        | 2,230                  | 1    |
| Instrument channel-joint tube JT-3RC2     | 16642850      | Instrument channel (mode A) | Reusable        | 195                    | 5    |
| Disposable instrument channel tube JT-3DC | 16642862      | Instrument channel (mode A) | Single-use      | 2,065                  | 10   |
| Water jet tube JT-3RW                     | 16642848      | Water jet (mode B)          | Reusable        | 1,340 / Luer connector | 2    |
| Disposable water jet tube JT-3DW          | 16642874      | Water jet (mode B)          | Single-use      | 1,330 / Luer connector | 10   |
| Disposable therapeutic tube JT-30DT       | 16642886      | Therapeutic device (mode C) | Single-use      | 3,350 / Luer connector | 10   |
| Water tank WT-3JW                         | 16642824      | Water tank                  |                 |                        | 2    |



For infection prevention and safety

Autoclavable tubes and water tank, disposable tubes

Both tubes (JT-3RC, JT-3RC2, and JT-3RW) and water tank are autoclavable for effective sterilisation and are re-usable. In addition, sterilised disposable tube (JT-3DC, JT-3DW, and JT-3DT) can be selected in view of infection management.



Tip of JT-3DT to connection to saline bag

A line-up for therapeutic device (FlushKnife Slim: DK2620JI and DK2623JI) connection tube capable of submucosal supply

JT-3DT, designed for therapeutic device (FlushKnife Slim: DK2620JI and DK2623JI) is a disposable tube that connects to a saline bag via a port connector.

By combining this tube with FlushKnife Slim: DK2620JI and DK2623JI, it's possible to supply saline solution into the submucosal layer during ESD treatment.

For safety use, to avoid human error

If the cover of the pump head is opened during operation, operation is automatically stopped to protect users from injuries and accidents. The tube detector automatically recognises which tube is in use.

In consideration of safety use, the maximum flow rate is set for each tube. During continuous flow, the water supply is automatically stopped after a set duration for each type of detected tube, thus avoiding an incidence of human error.

Max. water flow rate and automatic cut-off timer

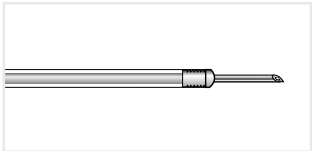
| Tube type                      | Max. water flow rate | Automatic cut-off timer |
|--------------------------------|----------------------|-------------------------|
| A: Instrument channel tube     | 840 ml/min.          | approx. 20 seconds      |
| B: Water jet tube              | 220 ml/min.          | approx. 20 seconds      |
| C: Disposable therapeutic tube | 209 ml/min.          | approx. 8 seconds       |

MANTA INJECTION NEEDLES\*

②

Manta ensures reliable retraction and extension of the needle, even in sharply angulated device positions, and prevents feared damage to the working channel. Maximum kink-resistance and single handed operation ease the application.

| Product code        | Material code | Characteristics                                                   | Ø Needle  <br>Needle length (mm) | Length<br>(mm) | Ø Instrument<br>channel (mm) | Unit |
|---------------------|---------------|-------------------------------------------------------------------|----------------------------------|----------------|------------------------------|------|
| INJ1-A3-05-5-18-240 | 70100146666   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.5 (25 Gauge)   5               | 2,400          | 2.0                          | 5    |
| INJ1-A3-07-5-18-240 | 70100146657   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.7 (23 Gauge)   5               | 2,400          | 2.0                          | 5    |



INJ1-A3

PURASTAT HAEMOSTAT

THIRD PARTY PRODUCT ②

PuraStat is a slightly viscous peptide solution which is approved to manage intraprocedural bleeding and reduce delayed bleeding (following ESD in the colon). When in contact with physiological fluids, the synthetic peptides self-assemble into a 3-dimensional matrix, resulting in effective haemostasis. PuraStat comes in a ready-to-use syringe. It is transparent, can be left in place and is suitable for use alongside other modalities, including coagulation and clips.

| Product code                  | Material code | Characteristics             | Unit |
|-------------------------------|---------------|-----------------------------|------|
| PURASTAT 1 ml 621-043 DE**    | 70100165774   | Haemostatic gel 1ml syringe | 1    |
| PURASTAT 3 ml 621-044 DE**    | 70100165772   | Haemostatic gel 3ml syringe | 1    |
| PURASTAT 5 ml 621-045 DE**    | 70100165773   | Haemostatic gel 5ml syringe | 1    |
| PURASTAT 1ml 621-073          | 70100166745   | Haemostatic gel 1ml syringe | 1    |
| PURASTAT 3ml 621-074          | 70100166746   | Haemostatic gel 3ml syringe | 1    |
| PURASTAT 5ml 621-075          | 70100166752   | Haemostatic gel 5ml syringe | 1    |
| PURASTAT Nozzle System Type-E | 70100145376   | Haemostatic gel catheter    | 5    |



Regional availability may vary, please contact your local distribution partner for further information. PuraStat is a trademark for 3-D Matrix.

\* Manufactured by FUJIFILM medwork GmbH, Germany.

HAEMOSTASIS CLIPS\*

THIRD PARTY PRODUCT ②

Introducing the haemostasis clips designed to provide a simple solution for haemostasis and wound closure in the gastrointestinal tract.

- **Opening widths:** 9 mm, 11 mm, 13 mm and 16 mm
- **Jaw Angles:** 135° for effective bleeding control, 90° optimised for wound closure
- **Rotatable:** Allows for precise clip placement
- **Repositionable:** Open/close function
- **Removable:** The clip has a simple release mechanism for releasing the clip after placement, whether that be for temporary placement or misplacement of the clip

| Product code         | Material code | Characteristics                | Opening<br>width (mm) | Working<br>length (mm) | Ø Instrument<br>channel (mm) | Unit |
|----------------------|---------------|--------------------------------|-----------------------|------------------------|------------------------------|------|
| AG-5108-2300-090-9   | 70100158091   | Coated, jaw tip angle 90°      | 9                     | 2,300                  | 2.8                          | 10   |
| AG-5108-2300-135-9   | 70100158092   | Coated, jaw tip angle 135°     | 9                     | 2,300                  | 2.8                          | 10   |
| AG-5103-2300-090     | 70100161926   | Not coated, jaw tip angle 90°  | 11                    | 2,300                  | 2.8                          | 10   |
| AG-5103-2300-135     | 70100158089   | Not coated, jaw tip angle 135° | 11                    | 2,300                  | 2.8                          | 10   |
| AG-5104-2300-090     | 70100158090   | Coated, jaw tip angle 90°      | 11                    | 2,300                  | 2.8                          | 10   |
| AG-5104-2300-135     | 70100158088   | Coated, jaw tip angle 135°     | 11                    | 2,300                  | 2.8                          | 10   |
| AG-51018-2300-090-13 | 70100158093   | Coated, jaw tip angle 90°      | 13                    | 2,300                  | 2.8                          | 10   |
| AG-51018-2300-135-13 | 70100158094   | Coated, jaw tip angle 135°     | 13                    | 2,300                  | 2.8                          | 25   |
| AG-51043-2300-090-16 | 70100161925   | Not coated, jaw tip angle 90°  | 16                    | 2,300                  | 2.8                          | 10   |
| AG-51043-2300-135-16 | 70100158097   | Not coated, jaw tip angle 135° | 16                    | 2,300                  | 2.8                          | 25   |
| AG-51044-2300-090-16 | 70100158095   | Coated, jaw tip angle 90°      | 16                    | 2,300                  | 2.8                          | 10   |
| AG-51044-2300-135-16 | 70100158096   | Coated, jaw tip angle 135°     | 16                    | 2,300                  | 2.8                          | 25   |



Wide opening length, short remaining part



Synchronised rotation



Repositionable



Removable\*\*

NEW RELOADABLE HAEMOSTASIS CLIPS\*

THIRD PARTY PRODUCT ②

| Product code         | Material code | Characteristics                        | Opening<br>width (mm) | Working<br>length (mm) | Ø Instrument<br>channel (mm) | Unit |
|----------------------|---------------|----------------------------------------|-----------------------|------------------------|------------------------------|------|
| AG-55501-2300-090-11 | 70100168104   | 1x pre-loaded-clip, jaw tip angle 90°  | 11                    | 2,300                  | 2.8                          | 10   |
| AG-55501-2300-135-11 | 70100168105   | 1x pre-loaded-clip, jaw tip angle 135° | 11                    | 2,300                  | 2.8                          | 10   |
| AG-55501-2300-090-16 | 70100168095   | 1x pre-loaded-clip, jaw tip angle 90°  | 16                    | 2,300                  | 2.8                          | 10   |
| AG-55501-2300-135-16 | 70100168102   | 1x pre-loaded-clip, jaw tip angle 135° | 16                    | 2,300                  | 2.8                          | 10   |
| AG-55501-1650-090-11 | 70100168098   | 1x pre-loaded-clip, jaw tip angle 90°  | 11                    | 1,650                  | 2.8                          | 10   |
| AG-55501-1650-135-11 | 70100168099   | 1x pre-loaded-clip, jaw tip angle 135° | 11                    | 1,650                  | 2.8                          | 10   |
| AG-55501-1650-90-16  | 70100168100   | 1x pre-loaded-clip, jaw tip angle 90°  | 16                    | 1,650                  | 2.8                          | 10   |
| AG-55501-1650-135-16 | 70100168101   | 1x pre-loaded-clip, jaw tip angle 135° | 16                    | 1,650                  | 2.8                          | 10   |
| AG-55503-0000-090-11 | 70100168097   | Cartridges, jaw tip angle 90°          | 11                    |                        |                              | 25   |
| AG-55503-0000-135-11 | 70100168097   | Cartridges, jaw tip angle 135°         | 11                    |                        |                              | 25   |
| AG-55503-0000-090-16 | 70100168094   | Cartridges, jaw tip angle 90°          | 16                    |                        |                              | 25   |
| AG-55503-0000-135-16 | 70100168096   | Cartridges, jaw tip angle 135°         | 16                    |                        |                              | 25   |



Synchronised rotation



Repositionable



Easy & rapid clip exchange



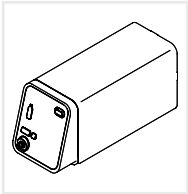
Colour coded cartridges according to different opening widths

\* Manufactured by Hangzhou AGS Medtech Co., LTD, China. Regional availability may vary, please contact your local distribution partner for further information.  
\*\* Select a snare dedicated to clip removal with wire diameter between 0.36 mm – 0.41 mm, closing the snare in to the groove of the clip's tail.

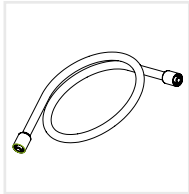
**GW-100 CO<sub>2</sub> INSUFFLATOR**

**Fast resorption of insufflated CO<sub>2</sub> for patient friendly examinations**

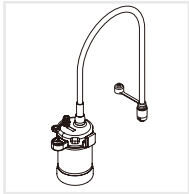
- Direct connection to the hospitals' medical CO<sub>2</sub> pipeline as well as to medical CO<sub>2</sub> cylinder
- Easy-to-use CO<sub>2</sub> flow rate switching function and compact design
- 2 controlled flow rate settings



GW-100 Main Unit



CT-11G Gas Tube  
Standard Accessory



WT-04G Gas / Water Tank  
for 500 / 600 series  
endoscopes



WT-604G Water Tank for  
the ELUXEO® 700 series

Tube sets for the connection of GW-100 to the medical gas pipeline and medical gas cylinders are available.



**CROSS SNARE ZERO | RESECTION MASTER | MANTA | OCTOPUS | FLAMINGO**

|                             |    |
|-----------------------------|----|
| Polypectomy Snares          | 74 |
| Injection Needles           | 80 |
| Foreign Body Retrieval Nets | 82 |
| Foreign Body Forceps        | 84 |
| Foreign Body Protection Cap | 84 |
| Polyp Traps                 | 85 |
| Spray Catheters             | 86 |
| Haemostat                   | 86 |
| Cytology Brushes            | 87 |
| Examination Pants           | 87 |

# CROSS SNARE ZERO

## Cold polyp resection in a new dimension

Less effort, perfect cutting performance – that’s what CrossSnare ZERO offers you thanks to its unique reinforced spiral tube design.

Equipped with extra thin cutting wire and available in two different sizes, CrossSnare ZERO is the perfect choice for polyps up to 9 mm and supports you optimally in implementing the ESGE guideline\*.

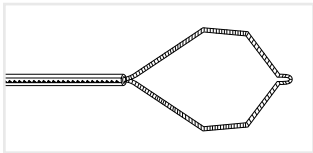
- PERFECT RESECTION THANKS TO UNIQUE TUBE DESIGN
- MULTIPLE SNARE DIAMETERS FOR DIMINUTIVE POLYPS
- OPTIMAL FOR THE IMPLEMENTATION OF THE ESGE GUIDELINE\*

\* Ferlitsch Monika et al.: Colorectal polypectomy and endoscopic mucosal resection: European Society of Gastrointestinal Endoscopy (ESGE) Guideline – Update 2024, Endoscopy 2024.



## CROSS SNARE ZERO POLYPECTOMY SNARES\* for cold snaring

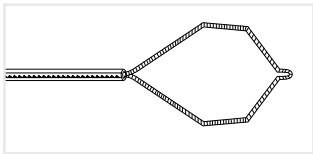
| Product code      | Material code | Characteristics | Ø Snare (mm) | Ø Snare wire (mm) | Length (mm) | Ø Instrument channel (mm) | Unit |
|-------------------|---------------|-----------------|--------------|-------------------|-------------|---------------------------|------|
| POL1-Z2-07-23-220 | 70100147742   | Kite, CWT       | 7            | 0.29              | 2,200       | 2.8                       | 10   |
| POL1-Z2-12-23-220 | 70100147743   | Kite, CWT       | 12           | 0.29              | 2,200       | 2.8                       | 10   |



POL1-Z2

## CROSS SNARE HYBRID POLYPECTOMY SNARES\* for cold & hot snaring

| Product code         | Material code | Characteristics | Ø Snare (mm) | Ø Snare wire (mm) | Length (mm) | Ø Instrument channel (mm) | Unit |
|----------------------|---------------|-----------------|--------------|-------------------|-------------|---------------------------|------|
| POL1-X1-10-23-220-OL | 70100146804   | Kite, CWT       | 10           | 0.39              | 2,200       | 2.8                       | 10   |
| POL1-X1-15-23-220-OL | 70100146758   | Kite, CWT       | 15           | 0.39              | 2,200       | 2.8                       | 10   |



POL1-X1

### More than just a cold snare – a hybrid comprising HOT and COLD

Over 90% of all polyps are smaller than 10 mm. Especially a number of small, flat lesions in the caecum or right colon constitute special challenges for the instrumentation. CrossSnare is the first hybrid snare to have been specially developed for the majority of polyps of clinical relevance in terms of ablation. The large opening angle, even if the snare is partially retracted, ensures optimal snare adjustment to match the size of the polyps between 3 mm and 15 mm. Compacted Wire Technology provides tissue-sparing cutting properties – both with and without HF current.



### Supports efficient polypectomies



Large opening angle, even if the snare is partially retracted



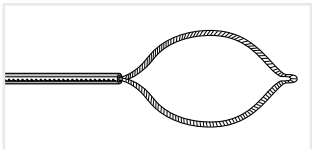
Compacted Wire Technology combines the benefits of a monofilament cutting wire with those of a braided cutting wire for a precise and controlled exploration

\* Manufactured by FUJIFILM medwork GmbH, Germany.

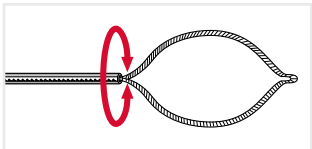
POLYPECTOMY SNARES\* for hot snaring



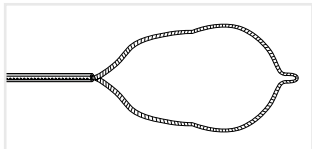
| Product code         | Material code | Characteristics               | Ø Snare (mm) | Ø Snare wire (mm) | Length (mm) | Ø Instrument channel (mm) | Unit |
|----------------------|---------------|-------------------------------|--------------|-------------------|-------------|---------------------------|------|
| POL1-B1-30-18-260-OL | 70100146543   | Oval, CWT                     | 30           | 0.39              | 2,600       | 2.8                       | 10   |
| POL1-B1-10-23-220-OL | 70100146684   | Convex, CWT                   | 10           | 0.39              | 2,200       | 2.8                       | 10   |
| POL1-B1-10-23-260-OL | 70100147822   | Convex, balloon enteroscopy   | 10           | 0.39              | 2,600       | 2.8                       | 10   |
| POL1-B1-15-23-220-OL | 70100146542   | Convex, CWT                   | 15           | 0.39              | 2,200       | 2.8                       | 10   |
| POL1-B1-15-23-260-OL | 70100146685   | Convex, balloon enteroscopy   | 15           | 0.39              | 2,600       | 2.8                       | 10   |
| POL1-B1-20-23-220-OL | 70100146695   | Convex, CWT                   | 20           | 0.39              | 2,200       | 2.8                       | 10   |
| POL1-B1-20-23-260-OL | 70100147810   | Convex, balloon enteroscopy   | 20           | 0.39              | 2,600       | 2.8                       | 10   |
| POL1-B1-30-23-220-OL | 70100146586   | Convex, CWT                   | 30           | 0.39              | 2,200       | 2.8                       | 10   |
| POL1-B1-30-23-260-OL | 70100146712   | Convex, balloon enteroscopy   | 30           | 0.39              | 2,600       | 2.8                       | 10   |
| POL1-D1-30-23-220-OL | 70100146813   | Convex, combi, CWT            | 15/30        | 0.39              | 2,200       | 2.8                       | 10   |
| POL1-K1-25-23-220-OL | 70100146726   | Asymmetrical, CWT             | 25           | 0.39              | 2,200       | 2.8                       | 10   |
| POL1-B7-10-23-220-OL | 70100146697   | Oval, braided wire            | 10           | 0.45              | 2,200       | 2.8                       | 10   |
| POL1-B7-15-23-220-OL | 70100146626   | Oval, braided wire            | 15           | 0.45              | 2,200       | 2.8                       | 10   |
| POL1-B7-20-23-220-OL | 70100146698   | Oval, braided wire            | 20           | 0.45              | 2,200       | 2.8                       | 10   |
| POL1-B7-30-23-220-OL | 70100146659   | Oval, braided wire            | 30           | 0.45              | 2,200       | 2.8                       | 10   |
| POL1-B8-10-23-220-OL | 70100146627   | Oval, rotatable, braided wire | 10           | 0.45              | 2,200       | 2.8                       | 10   |
| POL1-B8-15-23-220-OL | 70100146628   | Oval, rotatable, braided wire | 15           | 0.45              | 2,200       | 2.8                       | 10   |
| POL1-B8-22-23-220-OL | 70100146675   | Oval, rotatable, braided wire | 22           | 0.45              | 2,200       | 2.8                       | 10   |
| POL1-B8-30-23-220-OL | 70100146570   | Oval, rotatable, braided wire | 30           | 0.45              | 2,200       | 2.8                       | 10   |
| POL1-F1-30-23-220-OL | 70100146740   | Hexagonal, braided wire       | 30           | 0.45              | 2,200       | 2.8                       | 10   |



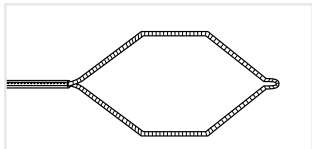
POL1-B1 / B7



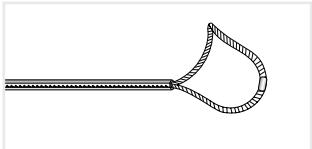
POL1-B8



POL1-D1

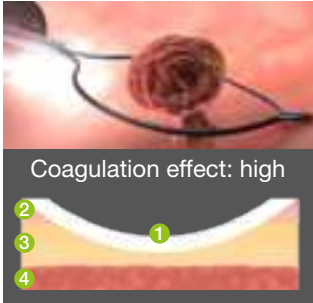


POL1-F1

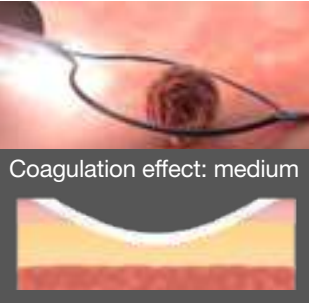


POL1-K1

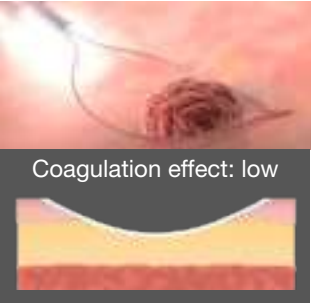
Pedunculated lesion



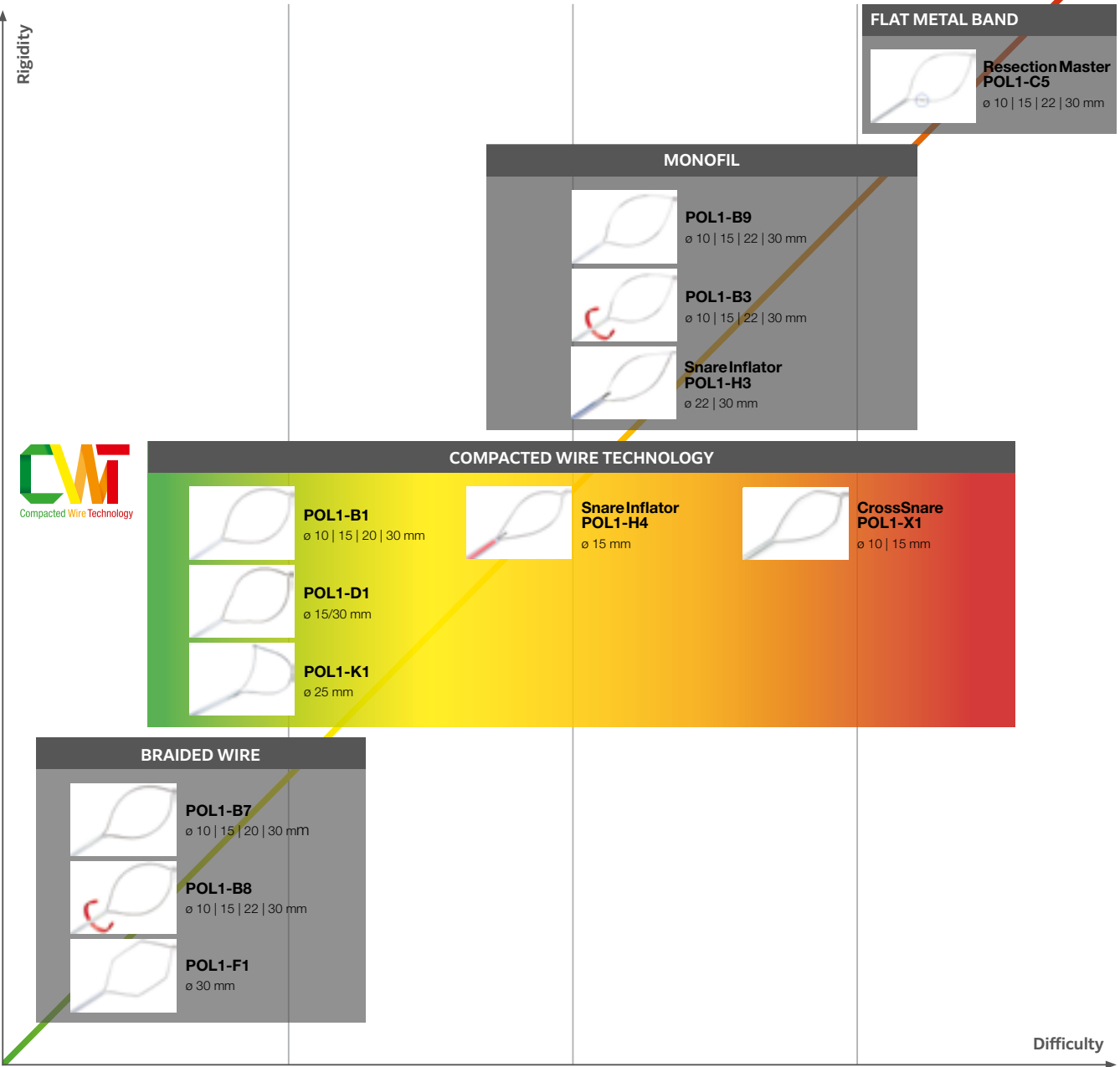
Sessile lesion



Flat lesion, slightly raised



Flat lesion



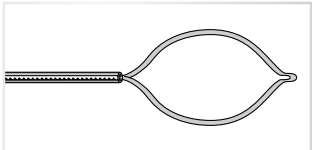
1 Thermal tissue damage 2 Mucosa 3 Submucosa 4 Muscularis propria

\* Manufactured by FUJIFILM medwork GmbH, Germany.

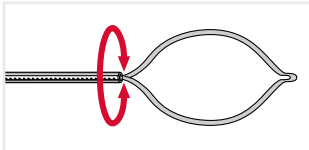
POLYPECTOMY SNARES\*



| Product code         | Material code | Characteristics          | Ø Snare (mm) | Ø Snare wire (mm) | Length (mm) | Ø Instrument channel (mm) | Unit |
|----------------------|---------------|--------------------------|--------------|-------------------|-------------|---------------------------|------|
| POL1-B9-10-23-220-OL | 70100146687   | Oval, monofil            | 10           | 0.25              | 2,200       | 2.8                       | 10   |
| POL1-B9-15-23-220-OL | 70100146603   | Oval, monofil            | 15           | 0.25              | 2,200       | 2.8                       | 10   |
| POL1-B9-22-23-220-OL | 70100146571   | Oval, monofil            | 22           | 0.25              | 2,200       | 2.8                       | 10   |
| POL1-B9-30-23-220-OL | 70100146694   | Oval, monofil            | 30           | 0.25              | 2,200       | 2.8                       | 10   |
| POL1-B3-10-23-220-OL | 70100146624   | Oval, rotatable, monofil | 10           | 0.25              | 2,200       | 2.8                       | 10   |
| POL1-B3-15-23-220-OL | 70100146604   | Oval, rotatable, monofil | 15           | 0.25              | 2,200       | 2.8                       | 10   |
| POL1-B3-22-23-220-OL | 70100146625   | Oval, rotatable, monofil | 22           | 0.25              | 2,200       | 2.8                       | 10   |
| POL1-B3-30-23-220-OL | 70100146686   | Oval, rotatable, monofil | 30           | 0.25              | 2,200       | 2.8                       | 10   |



POL1-B9

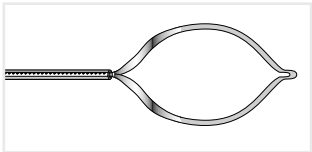


POL1-B3

RESECTION MASTER POLYPECTOMY SNARES\* for EMR



| Product code         | Material code | Characteristics       | Ø Snare (mm) | Length (mm) | Ø Instrument channel (mm) | Unit |
|----------------------|---------------|-----------------------|--------------|-------------|---------------------------|------|
| POL1-C5-10-23-220-OL | 70100146793   | Oval, flat metal band | 10           | 2,200       | 2.8                       | 10   |
| POL1-C5-15-23-220-OL | 70100146802   | Oval, flat metal band | 15           | 2,200       | 2.8                       | 10   |
| POL1-C5-22-23-220-OL | 70100146803   | Oval, flat metal band | 22           | 2,200       | 2.8                       | 10   |
| POL1-C5-30-23-220-OL | 70100146801   | Oval, flat metal band | 30           | 2,200       | 2.8                       | 10   |



POL1-C5

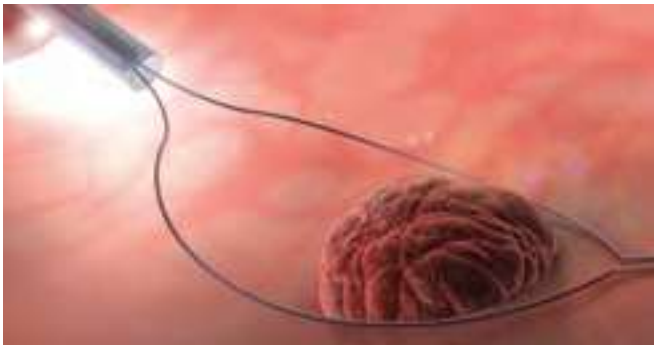
Figure: POL1-C5-22-23-220-OL

Ideal resection thanks to an optimised hold on the tissue



Figure: POL1-B9-15-23-220-OL

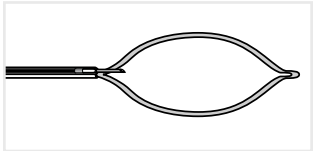
Gentle tissue coagulation and controlled cut



SNARE INFLATOR POLYPECTOMY SNARES\* with integrated injection needle



| Product code         | Material code | Characteristics | Ø Snare (mm) | Needle length (mm) | Ø Snare wire (mm) | Length (mm) | Ø Instrument channel (mm) | Unit |
|----------------------|---------------|-----------------|--------------|--------------------|-------------------|-------------|---------------------------|------|
| POL1-H4-15-27-230-OL | 70100146793   | Oval, CWT       | 15           | 5                  | 0.335             | 2,300       | 3.2                       | 5    |
| POL1-H3-22-27-230-OL | 70100146802   | Oval, monofil   | 22           | 5                  | 0.25              | 2,300       | 3.2                       | 5    |
| POL1-H3-30-27-230-OL | 70100146803   | Oval, monofil   | 30           | 5                  | 0.25              | 2,300       | 3.2                       | 5    |



POL1-H3 / H4

Figure: POL1-H4-15-27-230-OL

Integrated injection needle, optimal for "Lift & Cut"

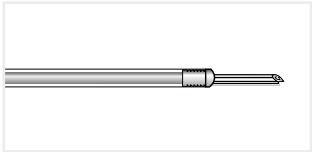


\* Manufactured by FUJIFILM medwork GmbH, Germany.

MANTA INJECTION NEEDLES\* ②

Manta ensures reliable retraction and extension of the needle, even in sharply angulated device positions, and prevents feared damage to the working channel. Maximum kink-resistance and single handed operation ease the application.

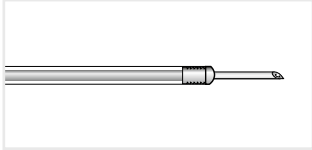
| Product code        | Material code | Characteristics                                                   | Ø Needle  <br>Needle length (mm) | Length<br>(mm) | Ø Instrument<br>channel (mm) | Unit |
|---------------------|---------------|-------------------------------------------------------------------|----------------------------------|----------------|------------------------------|------|
| INJ1-A3-05-5-18-240 | 70100146666   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.5 (25 Gauge)   5               | 2,400          | 2.0                          | 5    |
| INJ1-A3-07-5-18-240 | 70100146657   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.7 (23 Gauge)   5               | 2,400          | 2.0                          | 5    |



INJ1-A3

ICUS INJECTION NEEDLES\* ②

| Product code        | Material code | Characteristics                                                   | Ø Needle  <br>Needle length (mm) | Length<br>(mm) | Ø Instrument<br>channel (mm) | Unit |
|---------------------|---------------|-------------------------------------------------------------------|----------------------------------|----------------|------------------------------|------|
| INJ1-A1-05-5-18-180 | 70100146672   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.5   5                          | 1,800          | 2.0                          | 10   |
| INJ1-A1-07-5-18-180 | 70100146611   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.7   5                          | 1,800          | 2.0                          | 10   |

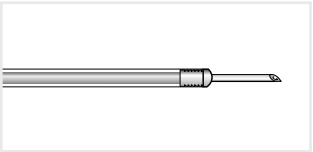


INJ1-A1

\* Manufactured by FUJIFILM medwork GmbH, Germany.

ICUS<sup>2</sup> INJECTION NEEDLES\* ②

| Product code        | Material code | Characteristics                                                   | Ø Needle  <br>Needle length (mm) | Length<br>(mm) | Ø Instrument<br>channel (mm) | Unit |
|---------------------|---------------|-------------------------------------------------------------------|----------------------------------|----------------|------------------------------|------|
| INJ1-A2-05-3-23-230 | 70100147786   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.5   3                          | 2,300          | 2.8                          | 10   |
| INJ1-A2-05-4-23-180 | 70100146693   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.5   4                          | 1,800          | 2.8                          | 10   |
| INJ1-A2-05-4-23-230 | 70100146549   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.5   4                          | 2,300          | 2.8                          | 10   |
| INJ1-A2-07-3-23-230 | 70100147814   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.7   3                          | 2,300          | 2.8                          | 10   |
| INJ1-A2-07-4-23-180 | 70100146614   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.7   4                          | 1,800          | 2.8                          | 10   |
| INJ1-A2-07-4-23-230 | 70100146671   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.7   4                          | 2,300          | 2.8                          | 10   |
| INJ1-A2-07-5-23-180 | 70100146665   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.7   5                          | 1,800          | 2.8                          | 10   |
| INJ1-A2-07-5-23-230 | 70100146615   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.7   5                          | 2,300          | 2.8                          | 10   |
| INJ1-A2-09-5-23-180 | 70100146554   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.9   5                          | 1,800          | 2.8                          | 10   |
| INJ1-A2-09-5-23-230 | 70100146598   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.9   5                          | 2,300          | 2.8                          | 10   |



INJ1-A2

Figure: INJ1-A2-05-3-23-230  
20% reduction\*\* in friction for precision puncture



80% less effort\*\* when administering injections



20% easier\*\* piercing



\* Manufactured by FUJIFILM medwork GmbH, Germany.  
\*\* Compared to previous injection needles.

# OCTOPUS

## High volume

There is no escape: The OCTOPUS retrieval net takes on polyps and foreign bodies. The sturdy structure of the frame ensures reliable removal.

Versatility in use, it can be used for several foreign bodies – due to its reservoir function. Direct rotatability and a high degree of flexibility facilitate the process.

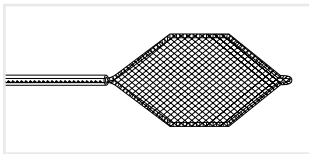


FOR POLYPS & FOREIGN BODIES  
STABLE FRAMED NET  
DIRECT ROTATABILITY\*

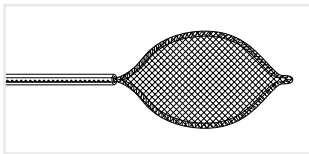


## OCTOPUS FOREIGN BODY RETRIEVAL NET\*

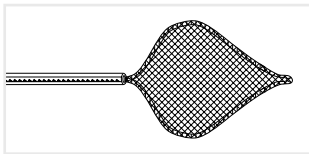
| Product code   | Material code | Characteristics               | Volume (cm³) | Length (mm) | Ø Instrument channel (mm) | Unit |
|----------------|---------------|-------------------------------|--------------|-------------|---------------------------|------|
| FOR1-N1-20-180 | 70100146681   | Hexagonal, framed, paediatric | 3            | 1,800       | 2.0                       | 5    |
| FOR1-N1-30-220 | 70100146563   | Oval, framed                  | 6            | 2,200       | 2.8                       | 5    |
| FOR1-N1-40-220 | 70100146682   | Reservoir function, framed    | 8            | 2,200       | 2.8                       | 5    |
| FOR1-N2-30-220 | 70100146654   | Kite, framed                  | 6            | 2,200       | 2.8                       | 5    |
| FOR1-N3-30-220 | 70100146607   | Kite, framed, rotatable       | 6            | 2,200       | 2.8                       | 5    |



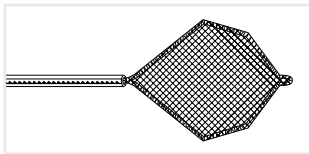
FOR1-N1-20



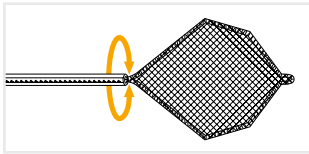
FOR1-N1-30



FOR1-N1-40



FOR1-N2-30



FOR1-N3-30

## Supporting save foreign body retrievals

Owing to a new reservoir design OCTOPUS enables easy and reliable recovery of multiple objects simultaneously. Whereby 1:1 rotatability facilitates manoeuvring during foreign body recovery. The extremely sturdy net reliably maintains its position and does not slip.



\* Manufactured by FUJIFILM medwork GmbH, Germany.

FOREIGN BODY FORCEPS\*



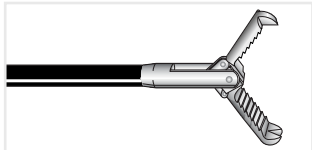
| Product code   | Material code | Characteristics                                                                        | Opening width (mm) | Ø Tube (mm) | Length (mm) | Ø Instrument channel (mm) | Unit |
|----------------|---------------|----------------------------------------------------------------------------------------|--------------------|-------------|-------------|---------------------------|------|
| FOR1-A1-23-230 | 70100146637   | Alligator, metal spring, coated                                                        | 9                  | 2.3         | 2,300       | 2.8                       | 5    |
| FOR1-A2-23-230 | 70100146653   | Hybrid jaw configuration alligator/ rat tooth, metal spring, coated                    | 9                  | 2.3         | 2,300       | 2.8                       | 10   |
| FOR1-A2-23-260 | 70100146565   | Hybrid jaw configuration alligator/ rat tooth,metal spring, coated balloon enteroscopy | 8                  | 2.3         | 2,300       | 2.8                       | 5    |
| FOR1-P1-18-230 | 70100146585   | Pelican, coated, paediatric                                                            | 9                  | 1.8         | 2,300       | 2.0                       | 5    |
| FOR1-P1-23-230 | 70100146638   | Pelican, coated                                                                        | 15.5               | 2.3         | 2,300       | 2.8                       | 5    |
| FOR1-H3-23-230 | 70100146566   | Three-arm grasping forceps, PTFE catheter                                              |                    | 2.3         | 2,300       | 2.8                       | 5    |



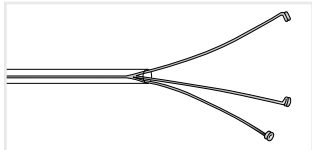
FOR1-A1



FOR1-A2



FOR1-P1



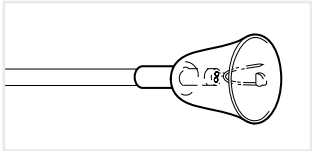
FOR1-H3

FOREIGN BODY PROTECTION CAP\*\*

THIRD PARTY PRODUCT



| Product code | Material code | Characteristics             | Unit |
|--------------|---------------|-----------------------------|------|
| WS0420000    | 70100146961   | Foreign body protection cap | 10   |



WS0420000

Regional availability may vary, please contact your local distribution partner for further information.

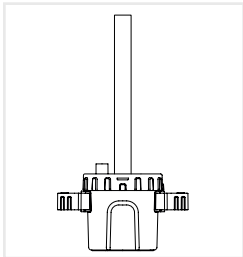
\* Manufactured by FUJIFILM medwork GmbH, Germany.  
\*\* Manufactured by Prince Medical SAS, France.

KOALA POLYP TRAPS\*



The two removable strainers of the koala polyp trap facilitate easy removal of tissue specimens and therefore protect against contamination with biomaterial. The suction function is limitless throughout the procedure.

| Product code | Material code | Characteristics                                              | Unit |
|--------------|---------------|--------------------------------------------------------------|------|
| TRP1-S2      | 70100147772   | 2 integrated strainers, white                                | 25   |
| TRP1-S4      | 70100149546   | 2 integrated strainers, white / 2 additional strainers, grey | 25   |



TRP1-S2 / S4



Strainer

Minimised contamination risk

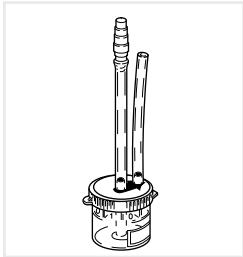
On account of the two chambers of the Koala it is no longer necessary to deposit a contaminated strainer outside the system. That reduces contamination with biomaterial, and hence the infection risk.

POLYP TRAPS\*\*

THIRD PARTY PRODUCT



| Product code     | Material code | Characteristics                                       | Unit |
|------------------|---------------|-------------------------------------------------------|------|
| MIS1-POLYPTRAP   | 70100146707   | 4 chambers, connecting tubes to suction pump/endscope | 10   |
| MIS1-POLYPTRAP50 | 70100146556   | 4 chambers, connecting tubes to suction pump/endscope | 50   |



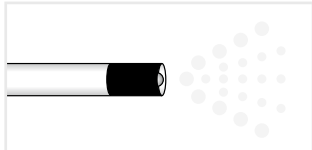
MIS1-Polyptrap

\* Manufactured by FUJIFILM medwork GmbH, Germany.  
\*\* Manufactured by PPI Médical, France.

SPRAY CATHETER\*

②

| Product code   | Material code | Characteristics | Length (mm) | Ø Instrument channel (mm) | Unit |
|----------------|---------------|-----------------|-------------|---------------------------|------|
| SPE1-C6-18-220 | 70100146735   | Spray catheter  | 2,200       | 2.0                       | 10   |



SPE1-C6

PURASTAT HAEMOSTAT

THIRD PARTY PRODUCT ②

PuraStat is a slightly viscous peptide solution which is approved to manage intraprocedural bleeding and reduce delayed bleeding (following ESD in the colon). When in contact with physiological fluids, the synthetic peptides self-assemble into a 3-dimensional matrix, resulting in effective haemostasis. PuraStat comes in a ready-to-use syringe. It is transparent, can be left in place and is suitable for use alongside other modalities, including coagulation and clips.

| Product code                  | Material code | Characteristics             | Unit |
|-------------------------------|---------------|-----------------------------|------|
| PURASTAT 1 ml 621-043 DE**    | 70100165774   | Haemostatic gel 1ml syringe | 1    |
| PURASTAT 3 ml 621-044 DE**    | 70100165772   | Haemostatic gel 3ml syringe | 1    |
| PURASTAT 5 ml 621-045 DE**    | 70100165773   | Haemostatic gel 5ml syringe | 1    |
| PURASTAT 1ml 621-073          | 70100166745   | Haemostatic gel 1ml syringe | 1    |
| PURASTAT 3ml 621-074          | 70100166746   | Haemostatic gel 3ml syringe | 1    |
| PURASTAT 5ml 621-075          | 70100166752   | Haemostatic gel 5ml syringe | 1    |
| PURASTAT Nozzle System Type-E | 70100145376   | Haemostatic gel catheter    | 5    |



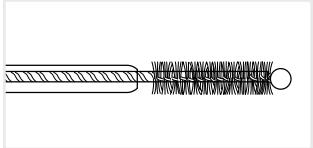
Regional availability may vary, please contact your local distribution partner for further information. PuraStat is a trademark for 3-D Matrix.

\* Manufactured by FUJIFILM medwork GmbH, Germany.

CYTOLOGY BRUSHES\*

THIRD PARTY PRODUCT ②

| Product code | Material code | Characteristics                                      | Ø Brush (mm) | Length (mm) | Ø Instrument channel (mm) | Unit |
|--------------|---------------|------------------------------------------------------|--------------|-------------|---------------------------|------|
| WS0373016    | 70100146972   | Gastroscopy, handle, 1 lumen, distal protection ball | 3.0          | 1,600       | 2.8                       | 5    |
| WS0373022    | 70100146980   | Colonoscopy, handle, 1 lumen, distal protection ball | 3.0          | 2,200       | 2.8                       | 5    |

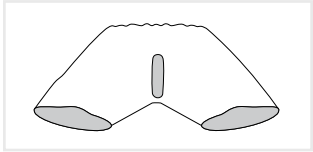


WS03

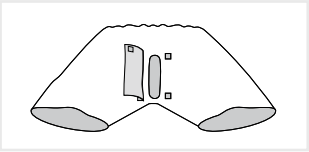
COLONOSCOPY EXAMINATION PANTS\*\*

②

| Product code        | Material code | Characteristics                                                                                                                                           | Unit |
|---------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| MIS1-Colo-Pants1    | 70100146618   | Colonoscopy examination pants, dark blue, fleece, including elastic, slit, Bermuda (width 61cm/length 65cm)                                               | 100  |
| MIS1-Colo-Pants     | 70100146617   | Colonoscopy examination pants, dark blue, fleece, including elastic, slit with hook-and-loop cover, prolonged waistline, Bermuda (width 70cm/length 60cm) | 100  |
| MIS1-Colo-Pants-XXL | 70100146555   | Colonoscopy examination pants, dark blue, fleece, including elastic, slit with hook-and-loop cover, prolonged waistline, Bermuda (width 85cm/length 70cm) | 10   |



MIS1-Pants1



MIS1-Pants / Pants-XXL

\* Manufactured by Prince Medical SAS, France.

\*\* Manufactured by FUJIFILM medwork GmbH, Germany.



# BIOPSY

ENDOBITE<sup>2</sup>

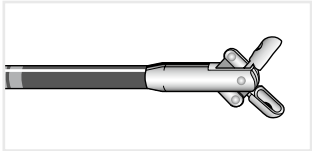
Biopsy Forceps

90

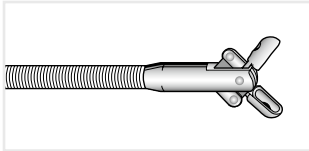
ENDOBITE<sup>2</sup> BIOPSY FORCEPS\* ②

EndoBite<sup>2</sup> with mono pull wire ensures large sizes of sample material ideal for histological assessment because the cut surfaces are completely closed, even if the position of the endoscope is challenging. The mono pull wire prevents the branches from tilting and thus protects the working channel against wear and damage.

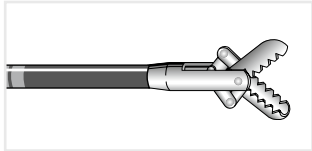
| Product code   | Material code | Characteristics                          | Ø Jaws (mm) | Length (mm) | Ø Instrument channel (mm) | Unit |
|----------------|---------------|------------------------------------------|-------------|-------------|---------------------------|------|
| BIO1-C4-18-180 | 70100146647   | Oval jaws, coated, paediatrics           | 1.8         | 1,800       | 2.0                       | 10   |
| BIO1-C4-18-260 | 70100146662   | Oval jaws, coated, balloon enteroscopy   | 1.8         | 2,600       | 2.0                       | 10   |
| BIO1-C4-23-180 | 70100146574   | Oval jaws, mono pull wire, coated        | 2.3         | 1,800       | 2.8                       | 10   |
| BIO1-C4-23-230 | 70100146678   | Oval jaws, mono pull wire, coated        | 2.3         | 2,300       | 2.8                       | 10   |
| BIO1-D4-23-180 | 70100146552   | Oval jaws, mono pull wire, coated, spike | 2.3         | 1,800       | 2.8                       | 10   |
| BIO1-D4-23-230 | 70100146593   | Oval jaws, mono pull wire, coated, spike | 2.3         | 2,300       | 2.8                       | 10   |
| BIO1-C3-23-180 | 70100146705   | Oval jaws, mono pull wire                | 2.3         | 1,800       | 2.8                       | 10   |
| BIO1-C3-23-230 | 70100146591   | Oval jaws, mono pull wire                | 2.3         | 2,300       | 2.8                       | 10   |
| BIO1-D3-23-180 | 70100146645   | Oval jaws, mono pull wire, spike         | 2.3         | 1,800       | 2.8                       | 10   |
| BIO1-D3-23-230 | 70100146592   | Oval jaws, mono pull wire, spike         | 2.3         | 2,300       | 2.8                       | 10   |
| BIO1-G4-23-180 | 70100146575   | Alligator, mono pull wire, coated        | 2.3         | 1,800       | 2.8                       | 10   |
| BIO1-G4-23-230 | 70100146557   | Alligator, mono pull wire, coated        | 2.3         | 2,300       | 2.8                       | 10   |
| BIO1-H4-23-180 | 70100146679   | Alligator, mono pull wire, coated, spike | 2.3         | 1,800       | 2.8                       | 10   |
| BIO1-H4-23-230 | 70100149148   | Alligator, mono pull wire, coated, spike | 2.3         | 2,300       | 2.8                       | 10   |



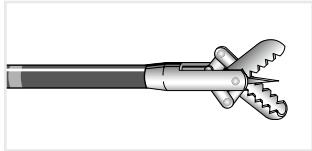
BIO1-C4



BIO1-C3



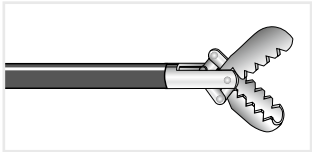
BIO1-G4



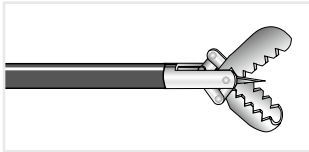
BIO1-H4

MACRO BIOPSY FORCEPS\*\* ②

| Product code   | Material code | Characteristics                                         | Ø Jaws (mm) | Length (mm) | Ø Instrument channel (mm) | Unit |
|----------------|---------------|---------------------------------------------------------|-------------|-------------|---------------------------|------|
| AMHBFJ2.8*2300 | 70100146977   | Alligator, mono pull wire, coated, macro forceps        | 2.8         | 2,300       | 3.2                       | 10   |
| AMHBFK2.8*2300 | 70100146955   | Alligator, mono pull wire, coated, macro forceps, spike | 2.8         | 2,300       | 3.2                       | 10   |



AMHBFJ2



AMHBFK2

\* Manufactured by FUJIFILM medwork GmbH, Germany.  
\*\* Manufactured by Anrei medical (hz)co.,ltd., China.



OCTOPUS | FLAMINGO

|                             |    |
|-----------------------------|----|
| Foreign Body Retrieval Nets | 92 |
| Foreign Body Forceps        | 94 |
| Foreign Body Protection Cap | 94 |
| Buried Bumper Therapy       | 96 |

# OCTOPUS

## High volume

There is no escape: The OCTOPUS retrieval net takes on polyps and foreign bodies. The sturdy structure of the frame ensures reliable removal.

Versatility in use, it can be used for several foreign bodies – due to its reservoir function. Direct rotatability and a high degree of flexibility facilitate the process.



FOR POLYPS & FOREIGN BODIES

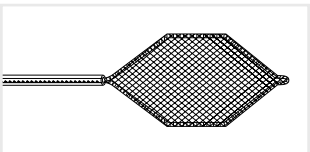
STABLE FRAMED NET

DIRECT ROTATABILITY\*

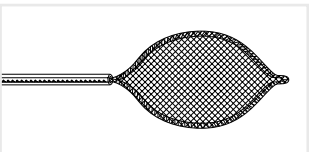


## OCTOPUS FOREIGN BODY RETRIEVAL NET\*

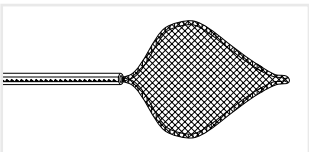
| Product code   | Material code | Characteristics               | Volume (cm³) | Length (mm) | Ø Instrument channel (mm) | Unit |
|----------------|---------------|-------------------------------|--------------|-------------|---------------------------|------|
| FOR1-N1-20-180 | 70100146681   | Hexagonal, framed, paediatric | 3            | 1,800       | 2.0                       | 5    |
| FOR1-N1-30-220 | 70100146563   | Oval, framed                  | 6            | 2,200       | 2.8                       | 5    |
| FOR1-N1-40-220 | 70100146682   | Reservoir function, framed    | 8            | 2,200       | 2.8                       | 5    |
| FOR1-N2-30-220 | 70100146654   | Kite, framed                  | 6            | 2,200       | 2.8                       | 5    |
| FOR1-N3-30-220 | 70100146607   | Kite, framed, rotatable       | 6            | 2,200       | 2.8                       | 5    |



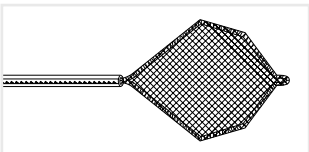
FOR1-N1-20



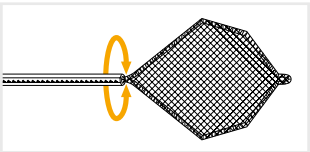
FOR1-N1-30



FOR1-N1-40



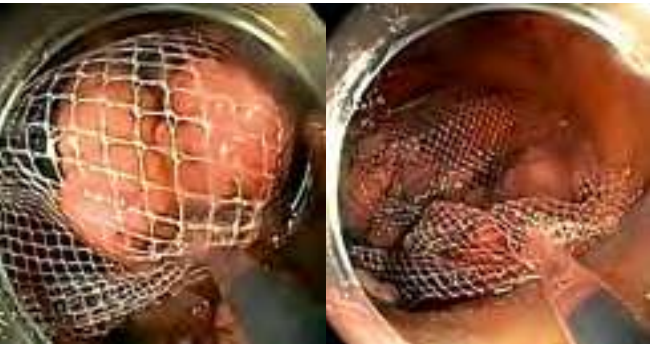
FOR1-N2-30



FOR1-N3-30

## Supporting save foreign body retrievals

Owing to a new reservoir design OCTOPUS enables easy and reliable recovery of multiple objects simultaneously. Whereby 1:1 rotatability facilitates manoeuvring during foreign body recovery. The extremely sturdy net reliably maintains its position and does not slip.



\* Manufactured by FUJIFILM medwork GmbH, Germany.

FOREIGN BODY FORCEPS\*

②

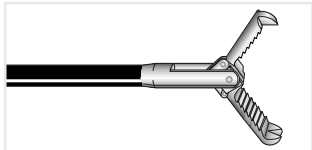
| Product code   | Material code | Characteristics                                                                         | Opening width (mm) | Ø Tube (mm) | Length (mm) | Ø Instrument channel (mm) | Unit |
|----------------|---------------|-----------------------------------------------------------------------------------------|--------------------|-------------|-------------|---------------------------|------|
| FOR1-A1-23-230 | 70100146637   | Alligator, metal spring, coated                                                         | 9                  | 2.3         | 2,300       | 2.8                       | 5    |
| FOR1-A2-23-230 | 70100146653   | Hybrid jaw configuration alligator/ rat tooth, metal spring, coated                     | 9                  | 2.3         | 2,300       | 2.8                       | 10   |
| FOR1-A2-23-260 | 70100146565   | Hybrid jaw configuration alligator/ rat tooth, metal spring, coated balloon enteroscopy | 8                  | 2.3         | 2,300       | 2.8                       | 5    |
| FOR1-P1-18-230 | 70100146585   | Pelican, coated, paediatric                                                             | 9                  | 1.8         | 2,300       | 2.0                       | 5    |
| FOR1-P1-23-230 | 70100146638   | Pelican, coated                                                                         | 15.5               | 2.3         | 2,300       | 2.8                       | 5    |
| FOR1-H3-23-230 | 70100146566   | Three-arm grasping forceps, PTFE catheter                                               |                    | 2.3         | 2,300       | 2.8                       | 5    |



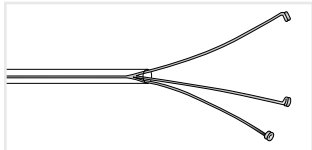
FOR1-A1



FOR1-A2



FOR1-P1



FOR1-H3

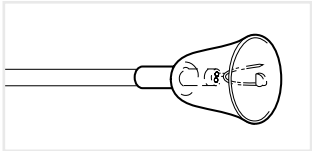
FOREIGN BODY PROTECTION CAP\*\*

THIRD PARTY PRODUCT

LATEX

②

| Product code | Material code | Characteristics             | Unit |
|--------------|---------------|-----------------------------|------|
| WS0420000    | 70100146961   | Foreign body protection cap | 10   |



WS0420000

Regional availability may vary, please contact your local distribution partner for further information.

\* Manufactured by FUJIFILM medwork GmbH, Germany.  
\*\* Manufactured by Prince Medical SAS, France.

# FLAMINGO

CO-INVENTED BY PROF. DORMANN

## Complete flexibility

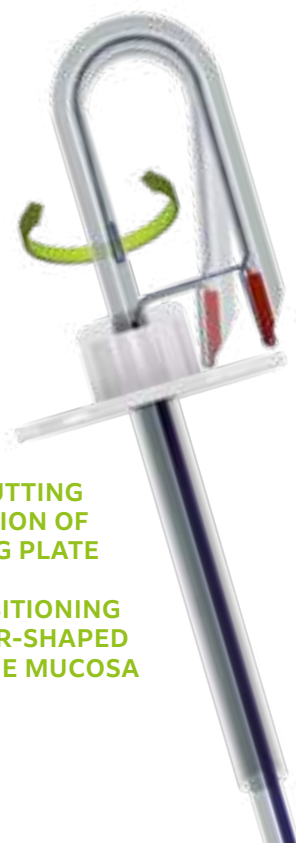
Inspired by nature, extremely versatile and effective: The FLAMINGO kit – a system to meet the therapeutic challenges of the buried bumper syndrome. A simple yet precise excision of the PEG´s retaining plate, thanks to the unique cutting wire design, which allows multidimensional cutting.



"The FLAMINGO kit has been uniquely designed to meet the particularly difficult circumstances of buried bumper therapy. I use the Flamingo Kit because I gain confidence over other techniques used and at the same time can significantly reduce the examination time."  
Co-Inventor Prof. Dr. med. Arno Dormann, 08.02.2022

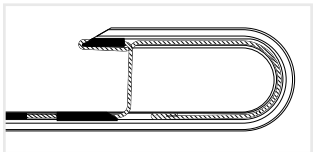
MULTIDIMENSIONAL CUTTING  
FOR PRECISE EXCISION OF  
THE RETAINING PLATE

ACCURATE POSITIONING  
FACILITATES THE STAR-SHAPED  
INCISION OF THE MUCOSA



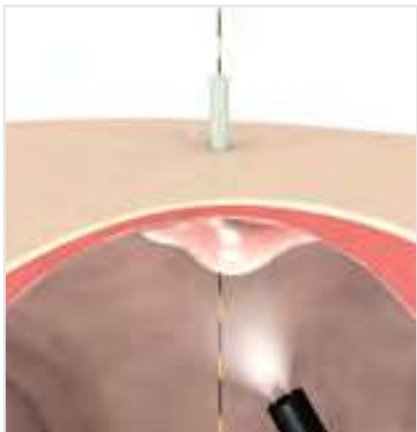
## FLAMINGO KIT\*

| Product code     | Material code | Characteristics                                                                                                                        | Cutting Length (mm) | Length (mm)           | Accepted guide wire | Unit |
|------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------|---------------------|------|
| POL3-P1-40-30-30 | 70100146767   | 1 Flamingo for 15Fr PEG probe, 2 lumen, CWT, rotatable<br>1 Foreign body forceps, alligator/rat tooth<br>1 guide wire, hydrophilic tip | 6 / 10              | 300<br>2,300<br>1,200 | .035"               | 1    |



POL3-P1

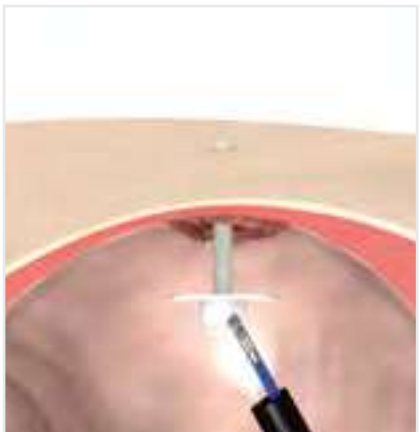
## Push technique



Exploration with the PEG probe using a guide wire



Cutting the PEG probe free with the FLAMINGO by making a star-shaped incision



Removal of the PEG probe from the stomach with the foreign body forceps



\* Manufactured by FUJIFILM medwork GmbH, Germany.



# HAEMOSTASIS & LIGATION

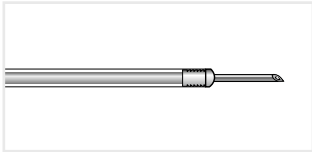
MANTA | ICUS<sup>2</sup> | PURASTAT

|                   |     |
|-------------------|-----|
| Injection Needles | 100 |
| Haemostat         | 102 |
| Haemostasis Clips | 102 |

MANTA INJECTION NEEDLES\* ②

Manta ensures reliable retraction and extension of the needle, even in sharply angulated device positions, and prevents feared damage to the working channel. Maximum kink-resistance and single handed operation ease the application.

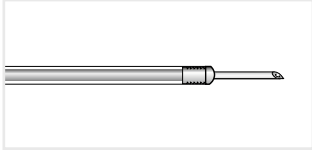
| Product code        | Material code | Characteristics                                                   | Ø Needle   Needle length (mm) | Length (mm) | Ø Instrument channel (mm) | Unit |
|---------------------|---------------|-------------------------------------------------------------------|-------------------------------|-------------|---------------------------|------|
| INJ1-A3-05-5-18-240 | 70100146666   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.5 (25 Gauge)   5            | 2,400       | 2.0                       | 5    |
| INJ1-A3-07-5-18-240 | 70100146657   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.7 (23 Gauge)   5            | 2,400       | 2.0                       | 5    |



INJ1-A3

ICUS INJECTION NEEDLES\* ②

| Product code        | Material code | Characteristics                                                   | Ø Needle   Needle length (mm) | Length (mm) | Ø Instrument channel (mm) | Unit |
|---------------------|---------------|-------------------------------------------------------------------|-------------------------------|-------------|---------------------------|------|
| INJ1-A1-05-5-18-180 | 70100146672   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.5   5                       | 1,800       | 2.0                       | 10   |
| INJ1-A1-07-5-18-180 | 70100146611   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.7   5                       | 1,800       | 2.0                       | 10   |

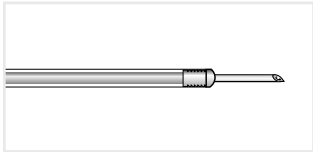


INJ1-A1

\* Manufactured by FUJIFILM medwork GmbH, Germany.

ICUS<sup>2</sup> INJECTION NEEDLES\* ②

| Product code        | Material code | Characteristics                                                   | Ø Needle   Needle length (mm) | Length (mm) | Ø Instrument channel (mm) | Unit |
|---------------------|---------------|-------------------------------------------------------------------|-------------------------------|-------------|---------------------------|------|
| INJ1-A2-05-3-23-230 | 70100147786   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.5   3                       | 2,300       | 2.8                       | 10   |
| INJ1-A2-05-4-23-180 | 70100146693   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.5   4                       | 1,800       | 2.8                       | 10   |
| INJ1-A2-05-4-23-230 | 70100146549   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.5   4                       | 2,300       | 2.8                       | 10   |
| INJ1-A2-07-3-23-230 | 70100147814   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.7   3                       | 2,300       | 2.8                       | 10   |
| INJ1-A2-07-4-23-180 | 70100146614   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.7   4                       | 1,800       | 2.8                       | 10   |
| INJ1-A2-07-4-23-230 | 70100146671   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.7   4                       | 2,300       | 2.8                       | 10   |
| INJ1-A2-07-5-23-180 | 70100146665   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.7   5                       | 1,800       | 2.8                       | 10   |
| INJ1-A2-07-5-23-230 | 70100146615   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.7   5                       | 2,300       | 2.8                       | 10   |
| INJ1-A2-09-5-23-180 | 70100146554   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.9   5                       | 1,800       | 2.8                       | 10   |
| INJ1-A2-09-5-23-230 | 70100146598   | Latching mechanism, distal needle guide, suitable with Histoacryl | 0.9   5                       | 2,300       | 2.8                       | 10   |



INJ1-A2

Figure: INJ1-A2-05-3-23-230

- 20% reduction\*\* in friction for precision puncture
- 80% less effort\*\* when administering injections
- 20% easier\*\* piercing



Proven reliable needle guidance

No matter whether it is a case of injection-supported polypectomy or haemostasis, permits precise injection thanks to easier piercing behaviour and smoother functioning. In future, have confidence in proven reliable needle guidance and thereby protect your working channel.



\* Manufactured by FUJIFILM medwork GmbH, Germany.

\*\* Compared to previous injection needles.

PURASTAT HAEMOSTAT

THIRD PARTY PRODUCT ⓘ

PuraStat is a slightly viscous peptide solution which is approved to manage intraprocedural bleeding and reduce delayed bleeding (following ESD in the colon). When in contact with physiological fluids, the synthetic peptides self-assemble into a 3-dimensional matrix, resulting in effective haemostasis. PuraStat comes in a ready-to-use syringe. It is transparent, can be left in place and is suitable for use alongside other modalities, including coagulation and clips.

| Product code                  | Material code | Characteristics             | Unit |
|-------------------------------|---------------|-----------------------------|------|
| PURASTAT 1 ml 621-043 DE**    | 70100165774   | Haemostatic gel 1ml syringe | 1    |
| PURASTAT 3 ml 621-044 DE**    | 70100165772   | Haemostatic gel 3ml syringe | 1    |
| PURASTAT 5 ml 621-045 DE**    | 70100165773   | Haemostatic gel 5ml syringe | 1    |
| PURASTAT 1ml 621-073          | 70100166745   | Haemostatic gel 1ml syringe | 1    |
| PURASTAT 3ml 621-074          | 70100166746   | Haemostatic gel 3ml syringe | 1    |
| PURASTAT 5ml 621-075          | 70100166752   | Haemostatic gel 5ml syringe | 1    |
| PURASTAT Nozzle System Type-E | 70100145376   | Haemostatic gel catheter    | 5    |



Regional availability may vary, please contact your local distribution partner for further information. PuraStat is a trademark for 3-D Matrix.

HAEMOSTASIS CLIPS\*

THIRD PARTY PRODUCT ⓘ

Introducing the AGS haemostasis clips designed to provide a simple solution for haemostasis and wound closure in the gastrointestinal tract.

- **Opening widths:** 9 mm, 11 mm, 13 mm and 16 mm
- **Jaw Angles:** 135° for effective bleeding control, 90° optimised for wound closure
- **Rotatable:** Allows for precise clip placement
- **Repositionable:** Open/close function
- **Removable:** The clip has a simple release mechanism for releasing the clip after placement, whether that be for temporary placement or misplacement of the clip

| Product code         | Material code | Characteristics                | Opening width (mm) | Working length (mm) | Ø Instrument channel (mm) | Unit |
|----------------------|---------------|--------------------------------|--------------------|---------------------|---------------------------|------|
| AG-5108-2300-090-9   | 70100158091   | Coated, jaw tip angle 90°      | 9                  | 2,300               | 2.8                       | 10   |
| AG-5108-2300-135-9   | 70100158092   | Coated, jaw tip angle 135°     | 9                  | 2,300               | 2.8                       | 10   |
| AG-5103-2300-090     | 70100161926   | Not coated, jaw tip angle 90°  | 11                 | 2,300               | 2.8                       | 10   |
| AG-5103-2300-135     | 70100158089   | Not coated, jaw tip angle 135° | 11                 | 2,300               | 2.8                       | 10   |
| AG-5104-2300-090     | 70100158090   | Coated, jaw tip angle 90°      | 11                 | 2,300               | 2.8                       | 10   |
| AG-5104-2300-135     | 70100158088   | Coated, jaw tip angle 135°     | 11                 | 2,300               | 2.8                       | 10   |
| AG-51018-2300-090-13 | 70100158093   | Coated, jaw tip angle 90°      | 13                 | 2,300               | 2.8                       | 10   |
| AG-51018-2300-135-13 | 70100158094   | Coated, jaw tip angle 135°     | 13                 | 2,300               | 2.8                       | 25   |
| AG-51043-2300-090-16 | 70100161925   | Not coated, jaw tip angle 90°  | 16                 | 2,300               | 2.8                       | 10   |
| AG-51043-2300-135-16 | 70100158097   | Not coated, jaw tip angle 135° | 16                 | 2,300               | 2.8                       | 25   |
| AG-51044-2300-090-16 | 70100158095   | Coated, jaw tip angle 90°      | 16                 | 2,300               | 2.8                       | 10   |
| AG-51044-2300-135-16 | 70100158096   | Coated, jaw tip angle 135°     | 16                 | 2,300               | 2.8                       | 25   |



Wide opening length, short remaining part



Synchronised rotation



Repositionable



Removable\*\*

NEW RELOADABLE HAEMOSTASIS CLIPS\*

THIRD PARTY PRODUCT ⓘ

| Product code         | Material code | Characteristics                        | Opening width (mm) | Working length (mm) | Ø Instrument channel (mm) | Unit |
|----------------------|---------------|----------------------------------------|--------------------|---------------------|---------------------------|------|
| AG-55501-2300-090-11 | 70100168104   | 1x pre-loaded-clip, jaw tip angle 90°  | 11                 | 2,300               | 2.8                       | 10   |
| AG-55501-2300-135-11 | 70100168105   | 1x pre-loaded-clip, jaw tip angle 135° | 11                 | 2,300               | 2.8                       | 10   |
| AG-55501-2300-090-16 | 70100168095   | 1x pre-loaded-clip, jaw tip angle 90°  | 16                 | 2,300               | 2.8                       | 10   |
| AG-55501-2300-135-16 | 70100168102   | 1x pre-loaded-clip, jaw tip angle 135° | 16                 | 2,300               | 2.8                       | 10   |
| AG-55501-1650-090-11 | 70100168098   | 1x pre-loaded-clip, jaw tip angle 90°  | 11                 | 1,650               | 2.8                       | 10   |
| AG-55501-1650-135-11 | 70100168099   | 1x pre-loaded-clip, jaw tip angle 135° | 11                 | 1,650               | 2.8                       | 10   |
| AG-55501-1650-90-16  | 70100168100   | 1x pre-loaded-clip, jaw tip angle 90°  | 16                 | 1,650               | 2.8                       | 10   |
| AG-55501-1650-135-16 | 70100168101   | 1x pre-loaded-clip, jaw tip angle 135° | 16                 | 1,650               | 2.8                       | 10   |
| AG-55503-0000-090-11 | 70100168097   | Cartridges, jaw tip angle 90°          | 11                 |                     |                           | 25   |
| AG-55503-0000-135-11 | 70100168097   | Cartridges, jaw tip angle 135°         | 11                 |                     |                           | 25   |
| AG-55503-0000-090-16 | 70100168094   | Cartridges, jaw tip angle 90°          | 16                 |                     |                           | 25   |
| AG-55503-0000-135-16 | 70100168096   | Cartridges, jaw tip angle 135°         | 16                 |                     |                           | 25   |



Synchronised rotation



Repositionable



Easy & rapid clip exchange



Colour coded cartridges according to different opening widths

\* Manufactured by Hangzhou AGS Medtech Co., LTD, China. Regional availability may vary, please contact your local distribution partner for further information.  
\*\* Select a snare dedicated to clip removal with wire diameter between 0.36 mm – 0.41 mm, closing the snare in to the groove of the clip's tail.



# ANCILLARIES

KOALA | FROG | JAZZ

|                     |     |
|---------------------|-----|
| Bite Blocks         | 106 |
| Polyp Traps         | 106 |
| Cleaning Brushes    | 107 |
| Endoscope Protector | 109 |
| Biopsy Valves       | 110 |
| Spraying Catheters  | 111 |
| Valves              | 112 |
| Miscellaneous       | 114 |

### BITE BLOCKS Perfect fit, maximum protection



| Product code | Material code | Characteristics                            | Ø Inner (mm) | Colour | Unit |
|--------------|---------------|--------------------------------------------|--------------|--------|------|
| BYT1-A3-20*  | 70100146578   | Standard, with OEKO TEX® strap, latex-free | 20           | White  | 100  |
| OXY/100**    | 70100164560   | With oxygen supply, latex-free             | 21           | Blue   | 50   |
| MED/102**    | 70100164554   | Without dental retention, latex-free       | 21           | Yellow | 50   |
| MED/106/P**  | 70100164589   | Paediatric, latex-free                     | 16           | Orange | 50   |



BYT1-A3-20



OXY/100



MED/102



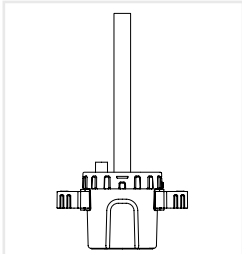
MED/106/P

### KOALA POLYP TRAPS\*

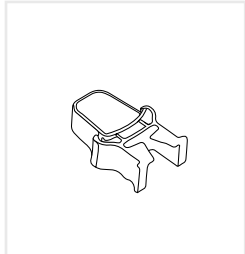


The two removable strainers of the koala polyp trap facilitate easy removal of tissue specimens and therefore protect against contamination with biomaterial. The suction function is limitless throughout the procedure.

| Product code | Material code | Characteristics                                              | Unit |
|--------------|---------------|--------------------------------------------------------------|------|
| TRP1-S2      | 70100147772   | 2 integrated strainers, white                                | 25   |
| TRP1-S4      | 70100149546   | 2 integrated strainers, white / 2 additional strainers, grey | 25   |



TRP1-S2 / S4



Strainer

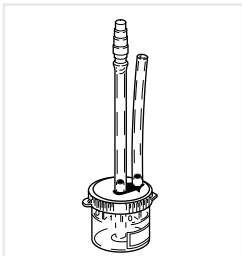
#### Minimised contamination risk

On account of the two chambers of the Koala it is no longer necessary to deposit a contaminated strainer outside the system. That reduces contamination with biomaterial, and hence the infection risk.

### POLYP TRAPS\*\*

THIRD PARTY PRODUCT

| Product code     | Material code | Characteristics                                        | Unit |
|------------------|---------------|--------------------------------------------------------|------|
| MIS1-POLYPTRAP   | 70100146707   | 4 chambers, connecting tubes to suction pump/endoscope | 10   |
| MIS1-POLYPTRAP50 | 70100146556   | 4 chambers, connecting tubes to suction pump/endoscope | 50   |



MIS1-POLYPTRAP

\* Manufactured by FUJIFILM medwork GmbH, Germany.  
\*\* Manufactured by PPI Médical, France.

### MUCUS SAMPLE CONTAINER

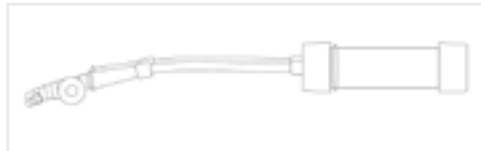


THIRD PARTY PRODUCT

| Product code | Material code | Characteristics                                 | Colour | Unit |
|--------------|---------------|-------------------------------------------------|--------|------|
| MST-4000***  | 70100164615   | 70ml with 11cm connection for catheter and tube | Blue   | 50   |
| MST-5000***  | 70100164616   | 25ml with 9cm connection for catheter and tube  | Orange | 50   |



MST-4000

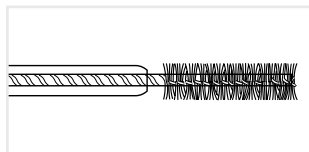


MST-5000

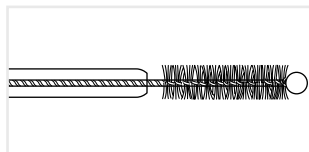
### RACoon BRUSH CLEANING BRUSHES\*



| Product code      | Material code | Characteristics                                                               | Ø Brush (mm) | Length (mm) | Ø Instrument channel (mm) | Unit |
|-------------------|---------------|-------------------------------------------------------------------------------|--------------|-------------|---------------------------|------|
| CLE1-G1-50-18-180 | 70100146651   | For gastroscope, 1 brush                                                      | 5            | 1,800       | ≥ 2.0                     | 50   |
| CLE1-G2-50-18-180 | 70100146644   | For gastroscope, 2 brushes                                                    | 5            | 1,800       | ≥ 2.0                     | 50   |
| CLE1-C1-50-18-230 | 70100146548   | For colonoscope, 1 brush                                                      | 5            | 2,300       | ≥ 2.0                     | 50   |
| CLE1-C1-65-18-230 | 70100146691   | For colonoscope, 1 brush                                                      | 6            | 2,300       | ≥ 2.0                     | 50   |
| CLE1-C2-50-18-230 | 70100146582   | For colonoscope, 2 brushes                                                    | 5            | 2,300       | ≥ 2.0                     | 50   |
| CLE1-C3-50-18-230 | 70100146595   | For colonoscope, 3 brushes                                                    | 5            | 2,300       | ≥ 2.0                     | 50   |
| CLE1-V2-012       | 70100147811   | For endoscope valve intake                                                    | 11/5         | 120         | –                         | 10   |
| CLE1-V2-012-50    | 70100147826   | For endoscope valve intake                                                    | 11/5         | 120         | –                         | 50   |
| CLE1-C4-18-230    | 70100146583   | For colonoscope, 1 brush, distal protection ball                              | 5            | 2,300       | 2.2 – 4.2                 | 50   |
| CLE1-C6-18-230    | 70100146706   | For colonoscope, 2 brushes, distal protection ball                            | 5            | 2,300       | 2.2 – 4.2                 | 50   |
| CLE1-D2-18-230    | 70100146692   | For colonoscope and endoscope valve intake, 2 brushes, distal protection ball | 10/5         | 2,300       | 2.2 – 4.2                 | 50   |



CLE1- G1 / G2 / C1 / C2 / C3



CLE1-C4 / C6



CLE1-D2

### CLEANING BRUSHES for gastroscopes & colonoscopes of 800 & 700 series

| Product code | Material code | Where to use       | Characteristics |
|--------------|---------------|--------------------|-----------------|
| WB7024FW     | 16518827      | Instrument channel | Reusable        |
| WB7025DC     | 16560832      | Instrument channel |                 |
| WB11003FW    | 16518841      | Cylinder port      | Reusable        |
| WB11003DV    | 16560820      | Cylinder port      |                 |



WB7024FW

\*\*\* Manufactured by Pennine Healthcare, United Kingdom.

CLEANING BRUSHES for Gastrosopes & Colonoscopes of 600 / 580 series

| Product code | Material code | Where to use       | Characteristics |
|--------------|---------------|--------------------|-----------------|
| WB4321FW2    | 15910078      | Instrument channel | Reusable        |
| WB7025DC     | 16560832      | Instrument channel | ②               |
| WB11002FW2   | 15909902      | Cylinder port      | Reusable        |
| WB11003DV    | 16560820      | Cylinder port      | ②               |



WB4321FW2



WB7025DC



WB11003DV

CLEANING BRUSHES for Double-Balloon Endoscopes

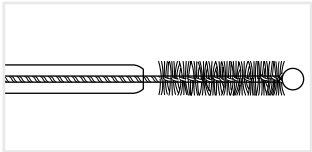
| Product code | Material code | Characteristics | Where to use       | Suitable for |
|--------------|---------------|-----------------|--------------------|--------------|
| WB4324FW2    | 16406921      | Reusable        | Instrument channel | EN-580T/XP   |
| WB7025DC     | 16560832      | ②               | Instrument channel | EN-580T/XP   |
| WB11002FW2   | 15909902      | Reusable        | Cylinder port      | EN-580T/XP   |
| WB11003DV    | 16560820      | ②               | Cylinder port      | EN-580T/XP   |
| WB7024FW     | 16518827      | Reusable        | Instrument channel | EI-580BT     |
| WB11003FW    | 16518841      | Reusable        | Cylinder port      | EI-580BT     |
| WB11003DV    | 16560820      | ②               | Cylinder port      | EI-580BT     |



WB4324FW2

CLEANING BRUSHES\* Colonoscope Kit

| Product code   | Material code | Characteristics                                                                                                                                         | Ø Instrument channel (mm) | Unit |
|----------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------|
| CLE1-KIT2-COLO | 70100147806   | Colonoscope kit consisting of:<br>1 CLE1-C6-18-230<br>For colonoscope, 2 brushes, distal protection ball<br>1 CLE1-V2-012<br>For endoscope valve intake | 2.2–4.2                   | 50   |



CLE1-C6



CLE1-V2

\* Manufactured by FUJIFILM medwork GmbH, Germany.

SHEPHERD ENDOSCOPE PROTECTOR\*

| Product code | Material code | Characteristics                                | Ø Inner (mm) | Ø Outer (mm) | Length (mm) | Unit |
|--------------|---------------|------------------------------------------------|--------------|--------------|-------------|------|
| SHP1-U1      | 70100147808   | Endoscope protector in red, white, blue, green | 4–10         | 37           | 140         | 50   |



SHP1-U1

\* Manufactured by FUJIFILM medwork GmbH, Germany.

# FROG



## Protects and seals tight

Grips as tight as a frog’s suction pad: the novel FROG Biopsy Valve seals especially tight, yet remains easy to open and close. Less friction allows quicker and less complicated insertion of instruments. Supplied in a practical, space saving dispenser with mounting option.

## FROG BIOPSY VALVES\*

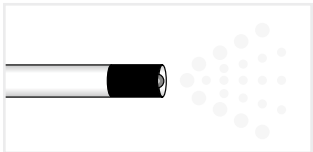
| Product code | Material code | Characteristics                     | Unit |
|--------------|---------------|-------------------------------------|------|
| VAL1-F1-100  | 70100146824   | For Fujifilm and Olympus endoscopes | 100  |
| VAL1-P1-100  | 70100146810   | For Pentax endoscopes               | 100  |



VAL1-F1 / P1

## SPRAY CATHETER\*

| Product code   | Material code | Characteristics | Length (mm) | Ø Instrument channel (mm) | Unit |
|----------------|---------------|-----------------|-------------|---------------------------|------|
| SPE1-C6-18-220 | 70100146735   | Spray catheter  | 2,200       | 2.0                       | 10   |



SPE1-C6



\* Manufactured by FUJIFILM medwork GmbH, Germany.

# JAZZ VALVE KIT

## Playfully easy

When speed is essential you want the complete endoscope valve kit at hand in an instant. One packaging unit contains: Air/water valve, suction valve and biopsy valve.

PROTECTION AGAINST INFECTION  
AND CROSS CONTAMINATION

NO RISKS INDUCED BY CLEANING,  
DRYING AND STORAGE

FAST AND RELIABLE PATIENT DOCUMENTATION  
DUE TO ADDITIONAL PRODUCT LABEL

PERFECT VALVE OPERATION EVERY TIME

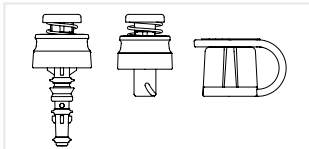
REDUCING TIME AND EFFORT



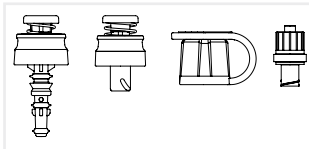
## JAZZ ENDOSCOPE VALVE KIT\* for 700 series



| Product code | Material code | Characteristics                                                                                                   | Compatible endoscope             | Unit |
|--------------|---------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------|------|
| VAL1-G7-50   | 70100146737   | Disposable endoscope valve kit, consisting of air/water valve, suction valve and biopsy valve FROG                | Fujifilm 700 series with G7 grip | 50   |
| VAL1-G7-4-50 | 70100160979   | Disposable endoscope valve kit, consisting of air/water valve, suction valve, biopsy valve FROG and Jet Connector | Fujifilm 700 series with G7 grip | 50   |



VAL1-G7



VAL1-G7-4

### Traceability

Fast and reliable patient documentation due to additional self-adhesive label with product data.



## VALVES & ADAPTERS for Fujifilm

|     | Product code    | Material code | Description                                                                                   | Characteristics                                          | Compatible endoscope                  | Unit |
|-----|-----------------|---------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------|------|
| NEW | AWV-KIT-07-FJ   | 70100165653   | Air/water cleaning valve (not sterile)                                                        | Single-use                                               | Fujifilm endoscopes with G5 / G7 grip | 100  |
|     | SB-605          | 16518762      | Suction valve                                                                                 | Reusable                                                 | Fujifilm endoscopes with G7 grip      | 2    |
|     | AW-603          | 16518748      | Air/Water valve                                                                               | Reusable                                                 | Fujifilm endoscopes with G7 grip      | 2    |
|     | AW-604G         | 16578267      | Gas/Water valve                                                                               | Reusable                                                 | Fujifilm endoscopes with G7 grip      | 1    |
| NEW | ADA-JC-FJ**     | 70100165663   | Water jet channel adapter, individually sterile packed with integrated check valve            |                                                          | Fujifilm endoscopes with G5/G7 grip   | 100  |
| NEW | ADA-CO2-FJ**    | 70100165678   | CO <sub>2</sub> adapter for Fujifilm CO <sub>2</sub> insufflator, individually sterile packed | 24 hours use                                             | GW-100                                | 100  |
|     | FV-001          | 16632659      | Forceps valve                                                                                 | Single-use                                               | Fujifilm endoscopes with G5/G7 grip   | 10   |
| NEW | AWV-KIT-03-FJ** | 70100165660   | Endoscope valve kit                                                                           | Biopsy valve, air/water valve, suction valve, single-use | Fujifilm 500/600 series               | 25   |
|     | AWV-KIT-17-FJ** | 70100165655   | Endoscope valve kit                                                                           | Aair/water cleaning valve (not sterile), single-use      | Fujifilm 500/600 series               | 100  |

\* Manufactured by FUJIFILM medwork GmbH, Germany.

\*\* Manufactured by BODY PRODUCTS RELAX Pharma und Kosmetik GmbH, Germany

VALVES & ADAPTERS for other manufacturers

|     | Product code     | Material code | Description                                                                                  | Characteristics                                                                                   | Compatible endoscope                | Unit |
|-----|------------------|---------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------|------|
| NEW | AWV-KIT-02-OLY** | 70100165668   | Endoscope valve kit                                                                          | Biopsy valve, air/water valve, suction valve, single-use                                          | Olympus endoscopes from 140 series  | 25   |
| NEW | AWV-KIT-04-OLY** | 70100165670   | Endoscope valve kit                                                                          | Biopsy valve, air/water valve, suction valve, cleaning valve, single-use                          | Olympus endoscopes from 140 series  | 25   |
| NEW | AWV-KIT-05-OLY** | 70100165677   | Endoscope valve kit                                                                          | Biopsy valve, air/water valve, suction valve, air/water cleaning valve, water jet channel adapter | Olympus endoscopes from 140 series  | 25   |
| NEW | AWV-KIT-02-PX**  | 70100165652   | Endoscope valve kit                                                                          | Biopsy valve, air/water valve, suction valve                                                      | 90K/90I, K10/I10/I10C, J10 (GI)     | 25   |
|     | VAL1-F1-100*     | 70100146824   | FROG biopsy valve                                                                            | Single-use                                                                                        | Fujifilm and Olympus endoscopes     |      |
|     | VAL1-P1-100*     | 70100146810   | FROG biopsy valve                                                                            | Single-use                                                                                        | Pentax endoscopes                   | 100  |
| NEW | ADA-JC-OUS**     | 70100165654   | Water jet channel adapter, individually sterile packed with integrated check valve           |                                                                                                   | Olympus endoscopes                  | 10   |
|     | ADA-CO2-OUS**    | 70100165679   | CO <sub>2</sub> adapter for Olympus CO <sub>2</sub> insufflator, individually sterile packed | 24-hour use                                                                                       | Olympus CO <sub>2</sub> insufflator | 25   |

PRODUCT CLIP\*

| Product code  | Material code | Characteristics                                                                                                                | Unit |
|---------------|---------------|--------------------------------------------------------------------------------------------------------------------------------|------|
| MIS2-PRO-CLIP | 70100147813   | Reusable product clip for fixation and reprocessing of flexible accessories, autoclavable up to 134° C, opening width 0 –10 mm | 20   |

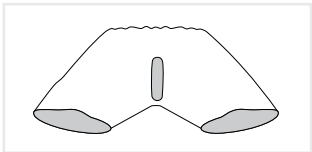


MIS2-Pro-Clip

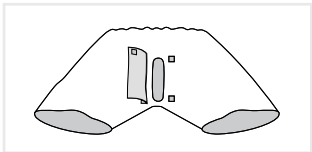
COLONOSCOPY EXAMINATION PANTS\*



| Product code        | Material code | Characteristics                                                                                                                                             | Unit |
|---------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| MIS1-Colo-Pants     | 70100146617   | Colonoscopy examination pants, dark blue, fleece, including elastic, slit with hook-and-loop cover, prolonged waistline, Bermuda (width 70 cm/length 60 cm) | 100  |
| MIS1-Colo-Pants1    | 70100146618   | Colonoscopy examination pants, dark blue, fleece, including elastic, slit, Bermuda (width 61 cm/length 65 cm)                                               | 100  |
| MIS1-Colo-Pants-XXL | 70100146555   | Colonoscopy examination pants, dark blue, fleece, including elastic, slit with hook-and-loop cover, prolonged waistline, Bermuda (width 85 cm/length 70 cm) | 10   |



MIS1-Pants1



MIS1-Pants / Pants-XXL

\* Manufactured by FUJIFILM medwork GmbH, Germany.  
\*\* Manufactured by BODY PRODUCTS RELAX Pharma und Kosmetik GmbH, Germany

TUBINGS for Fresenius & B. Braun water bottles\*

THIRD PARTY PRODUCT

| Product code | Material code | Characteristics                                                                                                                                                    | Unit |
|--------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| WB-HYB-FJ4   | 70100165661   | HybriX EcoFlushCap waterbottle cap with CO <sub>2</sub> tubing system and twin irrigation tube for Fujifilm 500/600 series, includes CO <sub>2</sub> adapter       | 10   |
| WB-HYB-FJ5   | 70100165669   | HybriX EcoFlushCap waterbottle cap with CO <sub>2</sub> tubing system and twin irrigation tube for Fujifilm 700 series, includes CO <sub>2</sub> adapter           | 10   |
| WB-FJ4-WC2   | 70100165659   | EcoFlushCap waterbottle cap with 1,1 m CO <sub>2</sub> tubing system for Fujifilm 500/600 series, includes CO <sub>2</sub> adapter                                 | 15   |
| WB-FJ5-WC2   | 70100165667   | EcoFlushCap waterbottle cap with 1,1 m CO <sub>2</sub> tubing system for Fujifilm 700 series, includes CO <sub>2</sub> adapter                                     | 15   |
| WB-FJ7-WC2   | 70100165665   | Twin EcoFlushCap, 24 hour use for Fujifilm 500/600/700 series, includes CO <sub>2</sub> adapter                                                                    | 10   |
| WB-OL4-WC2   | 70100165649   | EcoFlushCap waterbottle cap with 1,1 m CO <sub>2</sub> tubing system for Olympus endoscopes                                                                        | 15   |
| WB-PX5-WC2   | 70100165666   | EcoFlushCap waterbottle cap with 1,1 m CO <sub>2</sub> tubing system for Pentax endoscopes                                                                         | 15   |
| IT-ETS-210   | 70100165673   | Flushing tube with 2 male Luer-Lock connections and check valve, 24 hour use                                                                                       | 15   |
| IT-OUS-210   | 70100165657   | Flushing tubewith cap for flushing pumps, jet channel connector including check valve, for use with Fresenius and Braun (500 & 1000 ml) water bottles, 24 hour use | 15   |
| WB-HYB-OL4   | 70100165662   | HybriX EcoFlushCap waterbottle cap with CO <sub>2</sub> tubing system and twin irrigation tube for Olympus endoscopes                                              | 10   |
| WB-HYB-PX5   | 70100165672   | HybriX EcoFlushCap waterbottle cap with CO <sub>2</sub> tubing system and twin irrigation tube for Pentax endoscopes                                               | 10   |

\* Manufactured by BODY PRODUCTS RELAX Pharma und Kosmetik GmbH, Germany



OVERTUBES\* containing silicone rubber ②

| Product code | Material code | Characteristics                                  | Compatible endoscope       | Unit |
|--------------|---------------|--------------------------------------------------|----------------------------|------|
| TS-1114B     | 16499887      | Silicone overtube, sterile, with expiration date | EN-580XP                   | 1    |
| TS-1214B     | 16499899      | Silicone overtube, sterile, with expiration date | EN-450P5/20                | 1    |
| TS-1314B     | 164776689     | Silicone overtube, sterile, with expiration date | EN-450T5, EN-580T, EN-840T | 1    |

OVERTUBES containing natural rubber latex ②

| Product code | Material code | Characteristics                               | Compatible endoscope       | Unit |
|--------------|---------------|-----------------------------------------------|----------------------------|------|
| TS-12140     | 15928037      | Latex overtube, sterile, with expiration date | EN-450P5/20                | 1    |
| TS-13140     | 15928099      | Latex overtube, sterile, with expiration date | EN-450T5, EN-580T, EN-840T | 1    |
| TS-13101     | 15928051      | Latex overtube, sterile, with expiration date | EC-4550B15, EI-580BT       | 1    |

CONNECTION TUBES\* for silicone overtubes

| Product code | Material code | Characteristics                                                  | Compatible endoscope | Unit |
|--------------|---------------|------------------------------------------------------------------|----------------------|------|
| TY-400       | 16501343      | Also for PB-30; exchange once every month or once every 10 cases | 450 series           | 1    |
| TY-500       | 16501355      | Also for PB-30; exchange once every month or once every 10 cases | 500 series           | 1    |

CONNECTION TUBES for latex overtubes

| Product code | Material code | Characteristics                                                     | Compatible endoscope | Unit |
|--------------|---------------|---------------------------------------------------------------------|----------------------|------|
| TY-04        | 15928283      | Also for PB-20/30; exchange once every month or once every 10 cases | 450 series           | 1    |
| TY-06        | 16416598      | Also for PB-20/30; exchange once every month or once every 10 cases | 500 series           | 1    |

ENDOSCOPE BALLOONS for latex overtubes ②

| Product code | Material code | Characteristics                                                                 | Unit                        |
|--------------|---------------|---------------------------------------------------------------------------------|-----------------------------|
| BS-4         | 16476677      | Contains silicone rubber; Ø 35 mm, ST-10 needed to attach, with expiration date | 10 (+ 20 pcs fixing rubber) |
| BS-2         | 15920815      | Contains natural rubber latex; Ø 35 mm, with expiration date                    | 10 (+ 20 pcs fixing rubber) |

BALLOON SETTING TOOLS for fixation

| Product code | Material code | Unit |
|--------------|---------------|------|
| ST-05B       | 16655869      | 20   |
| ST-10        | 16328387      | 1    |

# Biopsy Forceps

BF

Tip cups are now harder-wearing than those of ordinary forceps, for a sharp cutting edge that lasts longer.



SF

Standard Fenestrated

The hole incorporated in the center of each cup enables the sampling of more tissue while minimizing tissue damage.

| Endoscope                               | Code     | Channel | Effective length | Remarks | Autoclavable |
|-----------------------------------------|----------|---------|------------------|---------|--------------|
| Upper Gastrointestinal Endoscopes (EGD) | BF1818SF | 2.0mm～  | 1800mm           | —       | ○            |
|                                         | BF2416SF | 2.8mm～  | 1600mm           | —       | ○            |
|                                         | BF2418SF | 2.8mm～  | 1800mm           | —       | ○            |
| Duodenoscopes (ERCP)                    | BF2418SF | 2.8mm～  | 1800mm           | —       | ○            |
| Colonoscopes                            | BF2412SF | 2.8mm～  | 1200mm           | —       | ○            |
|                                         | BF2418SF | 2.8mm～  | 1800mm           | —       | ○            |
|                                         | BF2424SF | 2.8mm～  | 2400mm           | —       | ○            |
| Enteroscopes (Small Bowel)              | BF2430SF | 2.8mm～  | 3000mm           | —       | ○            |
| Double Balloon Endoscopes               | BF1824SF | 2.0mm～  | 2400mm           | —       | ○            |
| Bronchoscopes                           | BF1812SF | 2.0mm～  | 1200mm           | —       | ○            |
|                                         | BF2412SF | 2.8mm～  | 1200mm           | —       | ○            |



LN

Long-diameter Fenestrated with Needle

Oval-shaped cups enable the sampling of substantial amounts of deep-level tissue, and the needle allows for better retention of sample in general.

| Endoscope                               | Code     | Channel | Effective length | Remarks | Autoclavable |
|-----------------------------------------|----------|---------|------------------|---------|--------------|
| Upper Gastrointestinal Endoscopes (EGD) | BF2416LN | 2.8mm～  | 1600mm           | —       | ○            |
|                                         | BF2418LN | 2.8mm～  | 1800mm           | —       | ○            |
| Duodenoscopes (ERCP)                    | BF2418LN | 2.8mm～  | 1800mm           | —       | ○            |
| Colonoscopes                            | BF2412LN | 2.8mm～  | 1200mm           | —       | ○            |
|                                         | BF2418LN | 2.8mm～  | 1800mm           | —       | ○            |
|                                         | BF2424LN | 2.8mm～  | 2400mm           | —       | ○            |
| Bronchoscopes                           | BF2412LN | 2.8mm～  | 1200mm           | —       | ○            |



FN

Standard Fenestrated with Needle

The needle allows for multiple tissue samples and better retention of samples in general.

| Endoscope                               | Code     | Channel | Effective length | Remarks | Autoclavable |
|-----------------------------------------|----------|---------|------------------|---------|--------------|
| Upper Gastrointestinal Endoscopes (EGD) | BF1818FN | 2.0mm～  | 1800mm           | —       | ○            |
|                                         | BF2416FN | 2.8mm～  | 1600mm           | —       | ○            |
|                                         | BF2418FN | 2.8mm～  | 1800mm           | —       | ○            |
| Duodenoscopes (ERCP)                    | BF3018FN | 3.7mm～  | 1800mm           | —       | ○            |
| Colonoscopes                            | BF2418FN | 2.8mm～  | 1800mm           | —       | ○            |
|                                         | BF2412FN | 2.8mm～  | 1200mm           | —       | ○            |
|                                         | BF2418FN | 2.8mm～  | 1800mm           | —       | ○            |
| Enteroscopes (Small Bowel)              | BF2424FN | 2.8mm～  | 2400mm           | —       | ○            |
| Double Balloon Endoscopes               | BF3024FN | 3.7mm～  | 2400mm           | —       | ○            |
| Bronchoscopes                           | BF1812FN | 2.0mm～  | 1200mm           | —       | ○            |
|                                         | BF2412FN | 2.8mm～  | 1200mm           | —       | ○            |

# Grasping Forceps

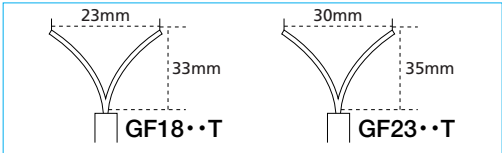
GF

Designed for safe, reliable retrieval of foreign bodies.



## T Three Prong

Three prong provides a gentle grasp that does not damage the tissue being collected, enabling sampling to proceed smoothly.

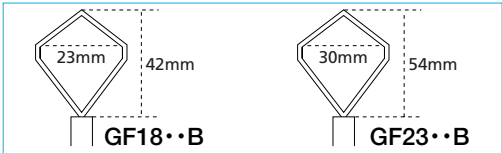


| Endoscope                               | Code    | Channel | Total length | Remarks                        | Autoclavable |
|-----------------------------------------|---------|---------|--------------|--------------------------------|--------------|
| Upper Gastrointestinal Endoscopes (EGD) | GF1818T | 2.0mm~  | 1800mm       | Handle HA50<br>sold separately | ○            |
|                                         | GF2316T | 2.8mm~  | 1600mm       |                                | ○            |
|                                         | GF2318T | 2.8mm~  | 1800mm       |                                | ○            |
| Duodenoscopes (ERCP)                    | GF2318T | 2.8mm~  | 1800mm       |                                | ○            |
| Colonoscopes                            | GF2312T | 2.8mm~  | 1200mm       |                                | ○            |
|                                         | GF2318T | 2.8mm~  | 1800mm       |                                | ○            |
|                                         | GF2323T | 2.8mm~  | 2300mm       |                                | ○            |
|                                         | GF2325T | 2.8mm~  | 2500mm       |                                | ○            |
| Enteroscopes (Small Bowel)              | GF1824T | 2.0mm~  | 2400mm       |                                | ○            |
| Bronchoscopes                           | GF1812T | 2.0mm~  | 1200mm       |                                | ○            |



## B Basket

The basket maintains an appropriate level of tension and flexibility, ideal for retrieval of slippery foreign bodies.



| Endoscope                               | Code    | Channel | Total length | Remarks                         | Autoclavable |
|-----------------------------------------|---------|---------|--------------|---------------------------------|--------------|
|                                         |         |         |              |                                 | handle       |
| Upper Gastrointestinal Endoscopes (EGD) | GF1818B | 2.0mm~  | 1800mm       | Handle HA100<br>sold separately | ○            |
|                                         | GF2318B | 2.8mm~  | 1800mm       |                                 | ○            |
|                                         | GF2318B | 2.8mm~  | 1800mm       |                                 | ○            |
| Duodenoscopes (ERCP)                    | GF2318B | 2.8mm~  | 1800mm       |                                 | ○            |
| Colonoscopes                            | GF2312B | 2.8mm~  | 1200mm       |                                 | ○            |
|                                         | GF2318B | 2.8mm~  | 1800mm       |                                 | ○            |
|                                         | GF2323B | 2.8mm~  | 2300mm       |                                 | ○            |
|                                         | GF2325B | 2.8mm~  | 2500mm       |                                 | ○            |
| Bronchoscopes                           | GF1812B | 2.0mm~  | 1200mm       |                                 | ○            |
|                                         | GF2312B | 2.8mm~  | 1200mm       |                                 | ○            |



## A Alligator Jaw

The hooked tip ensures a firm grip, enabling swift retrieval of even complex foreign bodies.

| Endoscope                               | Code    | Channel | Effective length | Remarks | Autoclavable |
|-----------------------------------------|---------|---------|------------------|---------|--------------|
| Upper Gastrointestinal Endoscopes (EGD) | GF2418A | 2.8mm~  | 1800mm           | —       | ○            |
| Duodenoscopes (ERCP)                    | GF2418A | 2.8mm~  | 1800mm           | —       | ○            |
| Colonoscopes                            | GF2418A | 2.8mm~  | 1800mm           | —       | ○            |
|                                         | GF2424A | 2.8mm~  | 2400mm           | —       | ○            |



## WA W-shaped Alligator Jaw

W-shaped grooves in the tip of these alligator forceps enables the retrieval of larger samples of tissue during mucosal resection.

| Endoscope    | Code     | Channel | Effective length | Remarks | Autoclavable |
|--------------|----------|---------|------------------|---------|--------------|
| Colonoscopes | GF2323WA | 2.8mm~  | 2300mm           | —       | ○            |



## V V-shaped

Sharp v-shaped grooves in the tip permit the secure retrieval of foreign bodies that prove more difficult to grasp (i.e. coins, buttons, batteries.)

| Endoscope                               | Code    | Channel | Effective length | Remarks | Autoclavable |
|-----------------------------------------|---------|---------|------------------|---------|--------------|
| Upper Gastrointestinal Endoscopes (EGD) | GF1818V | 2.0mm~  | 1800mm           | —       | ○            |
|                                         | GF2416V | 2.8mm~  | 1600mm           | —       | ○            |
|                                         | GF2418V | 2.8mm~  | 1800mm           | —       | ○            |
| Duodenoscopes (ERCP)                    | GF2418V | 2.8mm~  | 1800mm           | —       | ○            |
| Colonoscopes                            | GF2412V | 2.8mm~  | 1200mm           | —       | ○            |
|                                         | GF2416V | 2.8mm~  | 1600mm           | —       | ○            |
|                                         | GF2418V | 2.8mm~  | 1800mm           | —       | ○            |
|                                         | GF2424V | 2.9mm~  | 2400mm           | —       | ○            |
| Bronchoscopes                           | GF1812V | 2.0mm~  | 1200mm           | —       | ○            |
|                                         | GF2412V | 2.8mm~  | 1200mm           | —       | ○            |

# Injector

## IN

In addition to the materials used for needle tips and tubing, a range of needle diameters and lengths allows you to choose the ideal combination for each procedure.

*These instruments are not pre-packaged sterile and require autoclave or gas sterilization prior to initial use.*

# Washing Tube

## WT

Washing tubes use running water to clean away debris or mucus from the site of a lesion and its surroundings, clearing the field of vision. This range includes two types of spray tube for use with dye sprays to highlight the shape and extent of lesions.



## TT Teflon Tube, Tapered Tip

Teflon tubing makes it possible to check blood inflow during puncture, making procedures even safer.

Code  
**IN····TT 14**  
A B  
A Range of needle diameters 1 : 21G 3 : 23G  
B lengths allows 4 : 4mm 6 : 6mm

| Endoscope                               | Code       | Channel | Total length | Remarks                     | Autoclavable |
|-----------------------------------------|------------|---------|--------------|-----------------------------|--------------|
| Upper Gastrointestinal Endoscopes (EGD) | IN2318TT14 | 2.8mm~  | 1800mm       | Unsterilized, needle:21G4mm | ○            |
|                                         | IN2318TT16 | 2.8mm~  | 1800mm       | Unsterilized, needle:21G6mm | ○            |
|                                         | IN1818TT34 | 2.0mm~  | 1800mm       | Unsterilized, needle:23G4mm | ○            |
|                                         | IN1818TT36 | 2.0mm~  | 1800mm       | Unsterilized, needle:23G6mm | ○            |
| Duodenoscopes (ERCP)                    | IN2318TT14 | 2.8mm~  | 1800mm       | Unsterilized, needle:21G4mm | ○            |
|                                         | IN2318TT16 | 2.8mm~  | 1800mm       | Unsterilized, needle:21G6mm | ○            |
| Colonoscopes                            | IN2318TT14 | 2.8mm~  | 1800mm       | Unsterilized, needle:21G4mm | ○            |
|                                         | IN2318TT16 | 2.8mm~  | 1800mm       | Unsterilized, needle:21G6mm | ○            |
|                                         | IN2323TT14 | 2.8mm~  | 2300mm       | Unsterilized, needle:21G4mm | ○            |
|                                         | IN2323TT16 | 2.8mm~  | 2300mm       | Unsterilized, needle:21G6mm | ○            |
| Bronchoscopes                           | IN1812TT34 | 2.0mm~  | 1200mm       | Unsterilized, needle:23G4mm | ○            |
|                                         | IN1812TT36 | 2.0mm~  | 1200mm       | Unsterilized, needle:23G6mm | ○            |



## MM Metal Tube, Metal Tip

A highly maneuverable metal tip is attached to the insertion section.

Code  
**IN····MM 14**  
A B  
A Range of needle diameters 1 : 21G 3 : 23G  
B lengths allows 4 : 4mm 6 : 6mm

| Endoscope                               | Code         | Channel | Total length | Remarks                         | Autoclavable |
|-----------------------------------------|--------------|---------|--------------|---------------------------------|--------------|
| Upper Gastrointestinal Endoscopes (EGD) | IN2318MM14   | 2.8mm~  | 1800mm       | Unsterilized, needle:21G4mm     | ○            |
|                                         | IN1818MM34   | 2.0mm~  | 1800mm       | Unsterilized, needle:23G4mm     | ○            |
|                                         | IN1818MM36   | 2.0mm~  | 1800mm       | Unsterilized, needle:23G6mm     | ○            |
| Duodenoscopes (ERCP)                    | IN2318MM14   | 2.8mm~  | 1800mm       | Unsterilized, needle:21G4mm     | ○            |
| Colonoscopes                            | IN2318MM14   | 2.8mm~  | 1800mm       | Unsterilized, needle:21G4mm     | ○            |
|                                         | IN2323MM14   | 2.8mm~  | 2300mm       | Unsterilized, needle:21G4mm     | ○            |
| Double Balloon Endoscopes               | IN1824TT34N6 | 2.0mm~  | 2400mm       | Contains 1 sheath and 6 needles | ○            |
|                                         | IN2323TT16   | 2.8mm~  | 2300mm       | Teflon tube / Tapered tip       | ○            |
| Bronchoscopes                           | IN1812MM34   | 2.0mm~  | 1200mm       | Unsterilized, needle:23G4mm     | ○            |
|                                         | IN1812MM36   | 2.0mm~  | 1200mm       | Unsterilized, needle:23G6mm     | ○            |



## ST Standard

This tube uses running water to clean debris and mucus from lesion sites, making observation easy. Ideal for routine use, it comes in different effective lengths for use with the corresponding scopes.

| Endoscope                               | Code     | Channel | Effective length | Remarks | Autoclavable |
|-----------------------------------------|----------|---------|------------------|---------|--------------|
| Upper Gastrointestinal Endoscopes (EGD) | WT1720ST | 2.0mm~  | 2000mm           | —       | ×            |
| Duodenoscopes (ERCP)                    | WT1720ST | 2.0mm~  | 2000mm           | —       | ×            |
| Colonoscopes                            | WT1720ST | 2.0mm~  | 2000mm           | —       | ×            |
|                                         | WT1726ST | 2.0mm~  | 2600mm           | —       | ×            |
| Bronchoscopes                           | WT1720ST | 2.0mm~  | 2000mm           | —       | ×            |



## SP Spray

These tubes are particularly suitable for spraying dyes. Chemical solutions can be sprayed from the tip over a wide area.

| Endoscope                               | Code     | Channel | Effective length | Remarks | Autoclavable |
|-----------------------------------------|----------|---------|------------------|---------|--------------|
| Upper Gastrointestinal Endoscopes (EGD) | WT2417WS | 2.8mm~  | 1700mm           | —       | ○            |
|                                         | WT2423WS | 2.8mm~  | 2300mm           | —       | ○            |
| Duodenoscopes (ERCP)                    | WT2423WS | 2.8mm~  | 2300mm           | —       | ○            |
| Colonoscopes                            | WT2423WS | 2.8mm~  | 2300mm           | —       | ○            |

# Diathermic Knife

DK

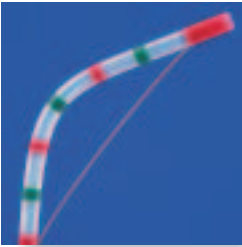
The lineup includes a wide variety of tip types and needle lengths, to make the complex approach to the opening of the papilla easy and enable swift, sure papillary sphincterotomy.



## N Needle-shaped

The tip of this high-frequency knife is needle-shaped, making it effective for precutting in cases where constriction of the papilla makes it difficult to insert a papillotomy knife. Choose from four different needle lengths: 4 mm, 5 mm, 6 mm, and 8 mm.

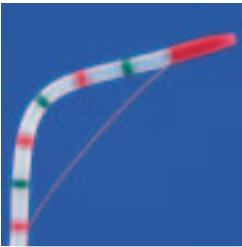
| Endoscope            | Code     | Channel | Total length | Remarks            | Autoclavable |
|----------------------|----------|---------|--------------|--------------------|--------------|
| Duodenoscopes (ERCP) | DK1821N4 | 2.0mm~  | 2100mm       | needle lengths 4mm | ○            |
|                      | DK1821N5 | 2.0mm~  | 2100mm       | needle lengths 5mm | ○            |
|                      | DK1821N6 | 2.0mm~  | 2100mm       | needle lengths 6mm | ○            |
|                      | DK1821N8 | 2.0mm~  | 2100mm       | needle lengths 8mm | ○            |



## S Papillotomy Knife – Standard

This pull-type knife uses a cutting wire pulled into a bow shape to make the incision. Choose from four different cutting lengths: 20 mm, 25 mm, 30 mm, and 40 mm.

| Endoscope            | Code      | Channel | Total length | Remarks              | Autoclavable |
|----------------------|-----------|---------|--------------|----------------------|--------------|
| Duodenoscopes (ERCP) | DK1821S20 | 2.0mm~  | 2100mm       | cutting lengths 20mm | ○            |
|                      | DK1821S25 | 2.0mm~  | 2100mm       | cutting lengths 25mm | ○            |
|                      | DK1821S30 | 2.0mm~  | 2100mm       | cutting lengths 30mm | ○            |
|                      | DK1821S40 | 2.0mm~  | 2100mm       | cutting lengths 40mm | ○            |



## T Papillotomy Knife – Tapered

The tapered tip makes this an appropriate papillotomy knife for cases of papillary constriction or diverticulitis.

| Endoscope            | Code        | Channel | Total length | Remarks              | Autoclavable |
|----------------------|-------------|---------|--------------|----------------------|--------------|
| Duodenoscopes (ERCP) | DK1821T20   | 2.0mm~  | 2100mm       | cutting lengths 20mm | ○            |
|                      | DK1821T25   | 2.0mm~  | 2100mm       | cutting lengths 25mm | ○            |
|                      | DK1821T30   | 2.0mm~  | 2100mm       | cutting lengths 30mm | ○            |
|                      | DK1821T40   | 2.0mm~  | 2100mm       | cutting lengths 40mm | ○            |
|                      | DK2221T30G* | 2.8mm~  | 2100mm       | cutting lengths 30mm | ○            |

\*(guide-wire compatible)

# Diathermic Snare

DS

This lineup includes standard, rotating, and insulated rotating types of snares. The rotating type, in particular, possesses outstanding maneuverability, minimizing stress on the operator.



## M Half-moon Standard

The loop of this half-moon-shaped snare can be adjusted to the appropriate width for different sizes of polyps.

| Endoscope                               | Code    | Channel | Total length | Remarks                                          | Autoclavable |
|-----------------------------------------|---------|---------|--------------|--------------------------------------------------|--------------|
| Upper Gastrointestinal Endoscopes (EGD) | DS1816M | 2.0mm~  | 1600mm       | Handle HA100D<br>Connection cord sold separately | ○            |
|                                         | DS2316M | 2.8mm~  | 1600mm       |                                                  | ○            |
|                                         | DS2323M | 2.8mm~  | 2300mm       |                                                  | ○            |
| Duodenoscopes (ERCP)                    | DS2312M | 2.8mm~  | 1200mm       |                                                  | ○            |
|                                         | DS2323M | 2.8mm~  | 2300mm       |                                                  | ○            |
|                                         | DS2325M | 2.8mm~  | 2500mm       |                                                  | ○            |

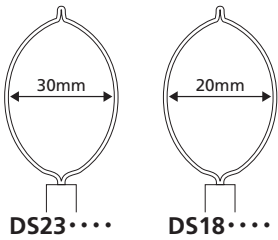


## RM Half-moon Rotatable

The wire loop can be rotated, making it simple to excise polyps regardless of their location.

| Endoscope                               | Code     | Channel | Total length | Remarks                                          | Autoclavable |
|-----------------------------------------|----------|---------|--------------|--------------------------------------------------|--------------|
| Upper Gastrointestinal Endoscopes (EGD) | DS2316RM | 2.8mm~  | 1600mm       | Handle HA100D<br>Connection cord sold separately | ○            |
|                                         | DS2323RM | 2.8mm~  | 2300mm       |                                                  | ○            |
| Duodenoscopes (ERCP)                    | DS2323RM | 2.8mm~  | 2300mm       |                                                  | ○            |
|                                         | DS2325RM | 2.8mm~  | 2500mm       |                                                  | ○            |

Loop diameter





**H Hexagonal – Standard**

The hexagonal loop opens evenly on both sides, enabling the diameter of the loop to be adjusted exactly as envisioned by the operator.

| Endoscope                               | Code    | Channel | Total length | Remarks                                          | Autoclavable          |
|-----------------------------------------|---------|---------|--------------|--------------------------------------------------|-----------------------|
| Upper Gastrointestinal Endoscopes (EGD) | DS1816H | 2.0mm~  | 1600mm       | Handle HA100D<br>Connection cord sold separately | <input type="radio"/> |
|                                         | DS2316H | 2.8mm~  | 1600mm       |                                                  | <input type="radio"/> |
|                                         | DS2323H | 2.8mm~  | 2300mm       |                                                  | <input type="radio"/> |
| Double Balloon Endoscopes               | DS1824H | 2.0mm~  | 2400mm       |                                                  | <input type="radio"/> |
| Colonoscopes                            | DS2323H | 2.8mm~  | 2300mm       |                                                  | <input type="radio"/> |
|                                         | DS2325H | 2.8mm~  | 2500mm       |                                                  | <input type="radio"/> |
|                                         | DS2312H | 2.8mm~  | 1200mm       |                                                  | <input type="radio"/> |



**RH Hexagonal – Rotatable**

The wire loop can be rotated, making it simple to excise polyps whatever their location.

| Endoscope                               | Code     | Channel | Total length | Remarks                                          | Autoclavable          |
|-----------------------------------------|----------|---------|--------------|--------------------------------------------------|-----------------------|
| Upper Gastrointestinal Endoscopes (EGD) | DS2316RH | 2.8mm~  | 1600mm       | Handle HA100D<br>Connection cord sold separately | <input type="radio"/> |
|                                         | DS2323RH | 2.8mm~  | 2300mm       |                                                  | <input type="radio"/> |
| Duodenoscopes (ERCP)                    | DS2323RH | 2.8mm~  | 2300mm       |                                                  | <input type="radio"/> |
|                                         | DS2325RH | 2.8mm~  | 2500mm       |                                                  | <input type="radio"/> |



**E Elliptical – Standard**

For excizing any size of polyp.

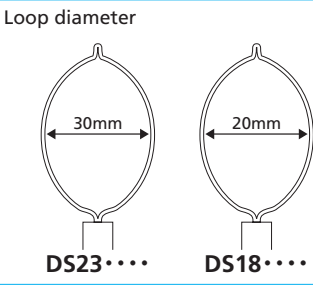
| Endoscope                               | Code    | Channel | Total length | Remarks                                          | Autoclavable          |
|-----------------------------------------|---------|---------|--------------|--------------------------------------------------|-----------------------|
| Upper Gastrointestinal Endoscopes (EGD) | DS1816E | 2.0mm~  | 1600mm       | Handle HA100D<br>Connection cord sold separately | <input type="radio"/> |
|                                         | DS2316E | 2.8mm~  | 1600mm       |                                                  | <input type="radio"/> |
|                                         | DS2323E | 2.8mm~  | 2300mm       |                                                  | <input type="radio"/> |
| Duodenoscopes (ERCP)                    | DS2323E | 2.8mm~  | 2300mm       |                                                  | <input type="radio"/> |
|                                         | DS2325E | 2.8mm~  | 2500mm       |                                                  | <input type="radio"/> |



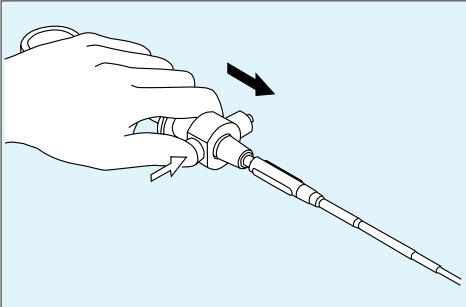
**RE Elliptical – Rotatable**

The wire loop can be rotated, making it simple to excise polyps whatever their location.

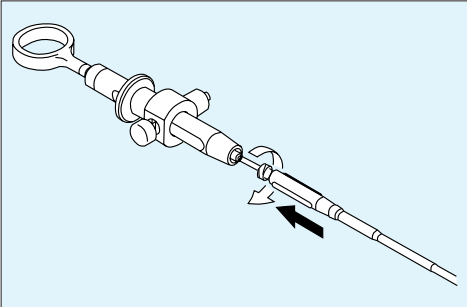
| Endoscope                               | Code     | Channel | Total length | Remarks                                          | Autoclavable          |
|-----------------------------------------|----------|---------|--------------|--------------------------------------------------|-----------------------|
| Upper Gastrointestinal Endoscopes (EGD) | DS2316RE | 2.8mm~  | 1600mm       | Handle HA100D<br>Connection cord sold separately | <input type="radio"/> |
|                                         | DS2323RE | 2.8mm~  | 2300mm       |                                                  | <input type="radio"/> |
| Duodenoscopes (ERCP)                    | DS2323RE | 2.8mm~  | 2300mm       |                                                  | <input type="radio"/> |
|                                         | DS2325RE | 2.8mm~  | 2500mm       |                                                  | <input type="radio"/> |



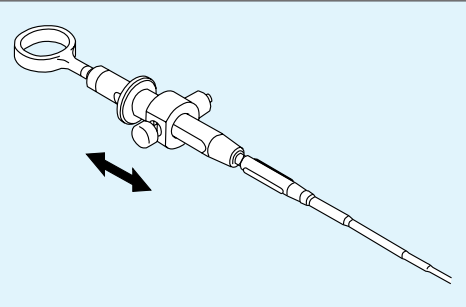
Attaching the HA50D



1. Move the handle of the slider toward the insertion section. Continue pressing the button on the slider while inserting the wire coupling. Release the button once the coupling is fully inserted.



2. Screw the handle onto the luer locking section of the accessory.

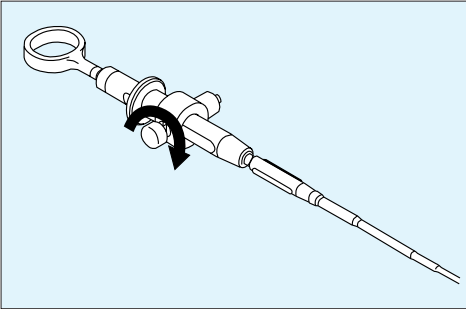


3. Move the slider backwards and forwards to check that the insertion section is firmly fixed to the handle.

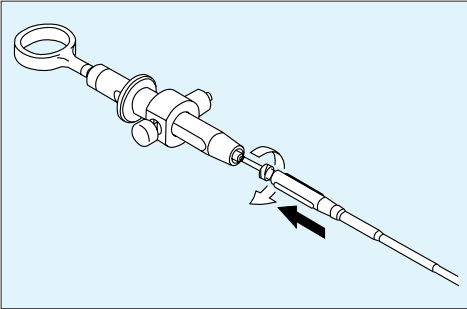


Handle HA50D (autoclavable)

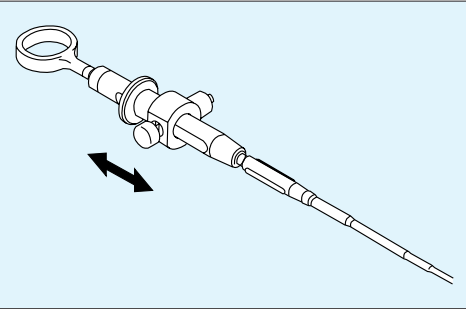
Attaching the HA100D



1. Move the handle of the slider toward the insertion section. Insert the wire coupling. Tighten the slider fixing screw, once the coupling is fully inserted.



2. Screw the handle onto the luer locking section of the accessory.



3. Move the slider backwards and forwards to check that the insertion section is firmly fixed to the handle.



Handle HA100D (autoclavable)

|                 |        |
|-----------------|--------|
| Handle          | HA50D  |
|                 | HA100D |
| Connection cord | ACD-VL |

# Cannulation Tube

CT

A 1,200-mm mandolin wire prevents the tube from folding during insertion into the forceps aperture, and make it easier to insert and more maneuverable than other similar products. Procedures can be carried out swiftly and surely even for a constricted papilla or where the papillary opening is small. Choose the appropriate tube for the patient's condition or the technique to be used.



S Standard

An extremely versatile tube for routine use that enables the smooth injection even of highly viscous contrast media.

| Endoscope            | Code    | Channel | Total length | Remarks | Autoclavable |
|----------------------|---------|---------|--------------|---------|--------------|
| Duodenoscopes (ERCP) | CT1821S | 2.0mm~  | 2100mm       | —       | ○            |



C Cone

The conical tip of this tube makes it effective for the approach to a constricted or accessory papilla. It is also effective for use in pediatric patients.

| Endoscope            | Code    | Channel | Total length | Remarks | Autoclavable |
|----------------------|---------|---------|--------------|---------|--------------|
| Duodenoscopes (ERCP) | CT1821C | 2.0mm~  | 2100mm       | —       | ○            |



L Long Tapered

This tube has a long, narrow tip that is effective for the approach to the accessory papilla.

| Endoscope            | Code    | Channel | Total length | Remarks | Autoclavable |
|----------------------|---------|---------|--------------|---------|--------------|
| Duodenoscopes (ERCP) | CT1821L | 2.0mm~  | 2100mm       | —       | ○            |

# Diathermic Coagulator

DC

Hemostatic procedures must often be carried out in emergency situations, and the cause and location of bleeding is different in each case.

These hemostatic instruments are designed with a variety of different tip shapes for effective hemostasis in a wide range of situations.



## R Round

An effective tool using high-frequency waves for coagulation and hemostasis of bleeding from small blood vessels.

| Endoscope                               | Code    | Channel | Total length | Remarks                         | Autoclavable |
|-----------------------------------------|---------|---------|--------------|---------------------------------|--------------|
| Upper Gastrointestinal Endoscopes (EGD) | DC1818R | 2.0mm~  | 1800mm       |                                 | ○            |
|                                         | DC2316R | 2.8mm~  | 1600mm       |                                 | ○            |
|                                         | DC2318R | 2.8mm~  | 1800mm       |                                 | ○            |
| Duodenoscopes (ERCP)                    | DC2318R | 2.8mm~  | 1800mm       | Connection cord sold separately | ○            |
| Double Balloon Endoscopes               | DC1824R | 2.0mm~  | 2400mm       |                                 | ○            |
| Colonoscopes                            | DC2318R | 2.8mm~  | 1800mm       |                                 | ○            |
|                                         | DC2323R | 2.8mm~  | 2300mm       |                                 | ○            |
|                                         | DC2325R | 2.8mm~  | 2500mm       |                                 | ○            |



## S Spray

Because this coagulator is inserted via [OK?] the washing channel, hemostatic procedures can be carried out while observing the site of bleeding.

| Endoscope                               | Code    | Channel | Total length | Remarks                         | Autoclavable |
|-----------------------------------------|---------|---------|--------------|---------------------------------|--------------|
| Upper Gastrointestinal Endoscopes (EGD) | DC2316S | 2.8mm~  | 1600mm       |                                 | ○            |
|                                         | DC2318S | 2.8mm~  | 1800mm       |                                 | ○            |
| Duodenoscopes (ERCP)                    | DC2318S | 2.8mm~  | 1800mm       | Connection cord sold separately | ○            |
| Colonoscopes                            | DC2318S | 2.8mm~  | 1800mm       |                                 | ○            |
|                                         | DC2323S | 2.8mm~  | 2300mm       |                                 | ○            |
|                                         | DC2325S | 2.8mm~  | 2500mm       |                                 | ○            |
| Bronchoscopes                           | DC2312S | 2.8mm~  | 1200mm       |                                 | ○            |

Connection cord ACD-VL

# Diathermic Probe

DP

Tissue excision and hemostasis can be carried out simultaneously, making these probes effective for small-scale mucosal resections such as sessile polyps and small polyps.



## HB Standard

| Endoscope                               | Code     | Channel | Total length | Remarks                                         | Autoclavable |
|-----------------------------------------|----------|---------|--------------|-------------------------------------------------|--------------|
| Upper Gastrointestinal Endoscopes (EGD) | DP2316HB | 2.8mm~  | 1600mm       |                                                 | ○            |
|                                         | DP2318HB | 2.8mm~  | 1800mm       |                                                 | ○            |
| Duodenoscopes (ERCP)                    | DP2318HB | 2.8mm~  | 1800mm       | Handle HA50D<br>Connection cord sold separately | ○            |
| Double Balloon Endoscopes               | DP1824HB | 2.0mm~  | 2400mm       |                                                 | ○            |
| Colonoscopes                            | DP2312HB | 2.8mm~  | 1200mm       |                                                 | ○            |
|                                         | DP2318HB | 2.8mm~  | 1800mm       |                                                 | ○            |
|                                         | DP2323HB | 2.8mm~  | 2300mm       |                                                 | ○            |
|                                         | DP2325HB | 2.8mm~  | 2500mm       |                                                 | ○            |



## HB2 Long-diameter

| Endoscope                               | Code      | Channel | Total length | Remarks                                         | Autoclavable |
|-----------------------------------------|-----------|---------|--------------|-------------------------------------------------|--------------|
| Upper Gastrointestinal Endoscopes (EGD) | DP2323HB2 | 2.8mm~  | 2300mm       |                                                 | ○            |
|                                         | DP2523HB2 | 2.8mm~  | 2300mm       |                                                 | ○            |
| Duodenoscopes (ERCP)                    | DP2323HB2 | 2.8mm~  | 2300mm       | Handle HA50D<br>Connection cord sold separately | ○            |
|                                         | DP2523HB2 | 2.8mm~  | 2300mm       |                                                 | ○            |
| Colonoscopes                            | DP2323HB2 | 2.8mm~  | 2300mm       |                                                 | ○            |
|                                         | DP2523HB2 | 2.8mm~  | 2300mm       |                                                 | ○            |
|                                         | DP2525HB2 | 2.8mm~  | 2500mm       |                                                 | ○            |

handle HA50D  
Connection cord ACD-VL



Handle HA50D (autoclavable)

# Washing Brush

WB

Brushes for cleaning off any debris adhering to the inside of the channel. Choose the ideal brush for the channel diameter and effective length of your own particular scope.



## FW2 Channel Washing Brush

Brushes to clean off debris adhering to the inside of the suction channel.

| Endoscope                               | Code      | Channel   | Effective length | Remarks | Autoclavable |
|-----------------------------------------|-----------|-----------|------------------|---------|--------------|
| Upper Gastrointestinal Endoscopes (EGD) | WB3218FW2 | 2.0~2.8mm | 1800mm           | —       | ×            |
|                                         | WB4321FW2 | 3.8mm~    | 2100mm           | —       | ×            |
| Duodenoscopes (ERCP)                    | WB3521FW2 | 2.8~3.2mm | 2100mm           | —       | ×            |
|                                         | WB4321FW2 | 3.8mm~    | 2100mm           | —       | ×            |
| Colonoscopes                            | WB3521FW2 | 2.8~3.2mm | 2100mm           | —       | ×            |
| Enteroscopes (Small Bowel)              | WB3530FW  | 2.8~3.2mm | 3000mm           | —       | ×            |
| Double Balloon Endoscope                | WB3224FW2 | 2.0~2.8mm | 2400mm           | —       | ×            |
| Bronchoscopes                           | WB3212FW2 | 2.0~2.8mm | 1200mm           | —       | ×            |



## FW2 Air/Water Channel Washing Brush

A brush to clean the air and water channels of scopes in the 8 Series, including the ED-450XT8, ED-450XL8, ED-250XT8, and ED-250XL8.

| Endoscope                | Code      | Channel | Effective length | Remarks          | Autoclavable |
|--------------------------|-----------|---------|------------------|------------------|--------------|
| AW channel washing brush | WB2221FW2 | —       | —                | For the 8 Series | ×            |



## FW2 Button Cylinder Washing Brush

A brush to clean the suction, air, and water cylinder sections and their buttons.

| Endoscope              | Code       | Channel | Effective length | Remarks         | Autoclavable |
|------------------------|------------|---------|------------------|-----------------|--------------|
| Cylinder washing brush | WB11001FW2 | —       | —                | Set of 3 pieces | ×            |

# Accessories and Supplies



## EMR ST Hood

Placing this hood over mucosal resection incisions makes submucosal resection simple. It enables reliable resection not only of horizontal but also vertical margins. The inside of the incision can be observed through the scope, making safe incision possible. The high-frequency knife can also be precisely controlled.

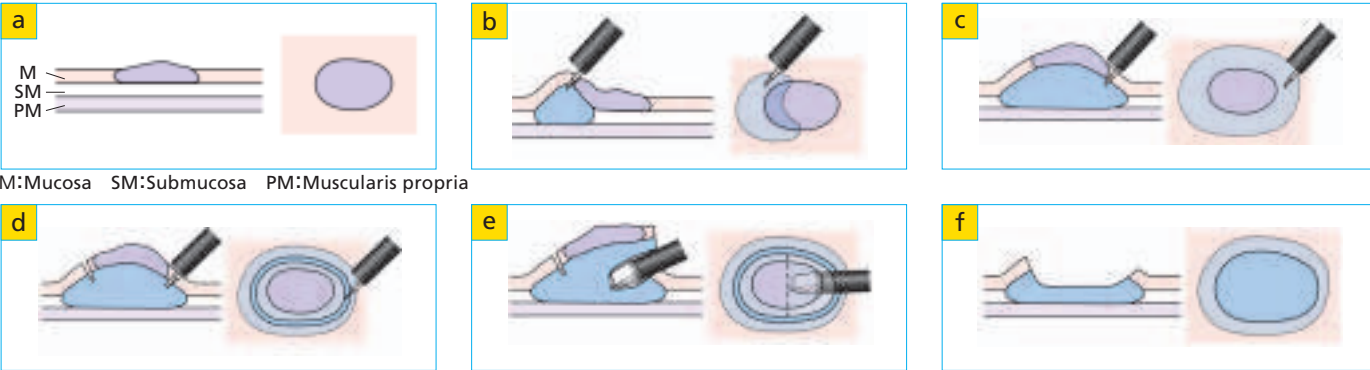
| Description | Code    | Outer diameter | Tip aperture diameter | Flexible section diameter of corresponding endoscopes | Autoclavable |
|-------------|---------|----------------|-----------------------|-------------------------------------------------------|--------------|
| EMR ST Hood | DH-15GR | Φ 12.2mm       | Φ 7mm                 | 9.4mm~10.0mm                                          | ×            |



## EMR ST Hood

Placing this hood over mucosal resection incisions makes submucosal resection simple. It enables reliable resection not only of horizontal but also vertical margins. The inside of the incision can be observed through the scope, making safe incision possible. The high-frequency knife can also be precisely controlled.

| Description | Code    | Outer diameter | Tip aperture diameter | Flexible section diameter of corresponding endoscopes | Autoclavable |
|-------------|---------|----------------|-----------------------|-------------------------------------------------------|--------------|
| EMR ST Hood | DH-16CR | Φ 16mm         | Φ 7mm                 | 12.8mm~13.5mm                                         | ×            |

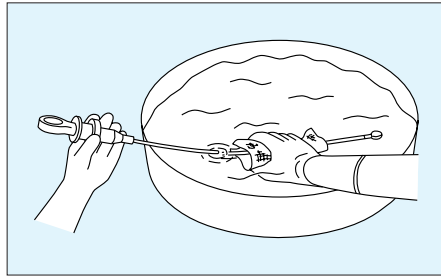


# Care and Cleaning

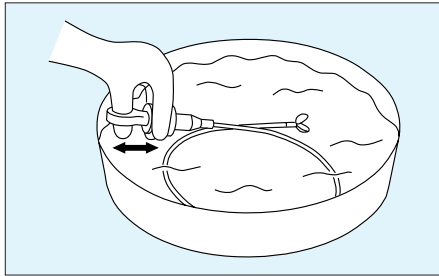
## Cleaning

- Warning** If some time elapses between when instruments are used and when they are washed it may not be possible to clean them adequately, and proper disinfection and sterilization may become impossible. Always clean instruments immediately after use.
- Note** Bending or folding may cause damage to the tip. Do not use excessive force.  
\* If jaws or prongs will not move because they are encased in debris, forcibly moving the slider may damage the equipment. In this case, soak the jaws or prongs in warm water for a while, then move them gradually.

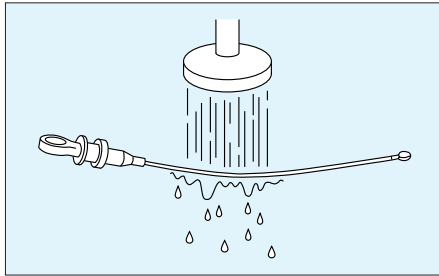
### How to clean biopsy forceps



1. Wearing rubber gloves, use a sponge or brush to clean the biopsy forceps in a bowl filled with washing liquid.

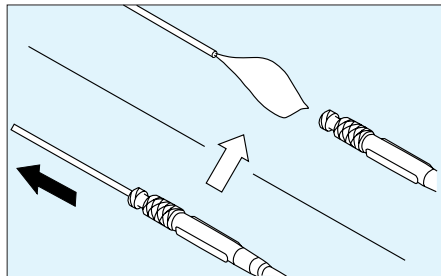


2. Operate the handle to open and close the jaws while the forceps are immersed, and use a washing sponge or brush to clean the biopsy forceps.

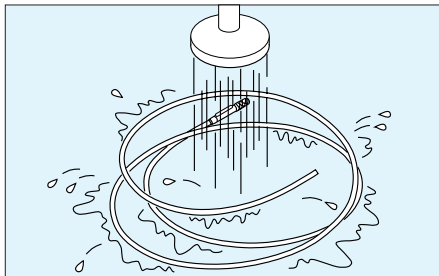


3. Remove the forceps from the washing liquid and rinse them under running water.  
4. Dry off the water with a piece of gauze.

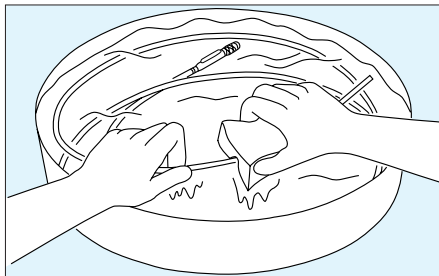
### How to clean snares



1. Take the high-frequency knife off the handle.  
2. Pull the snare wire out of the tube.

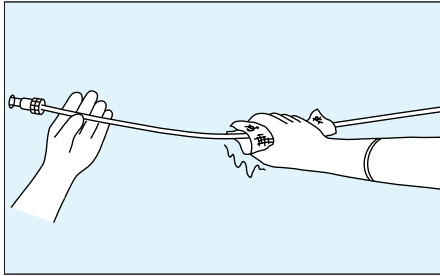


3. Wearing rubber gloves, use a sponge or rubber gloves to clean the snare and tube in a bowl filled with washing liquid.

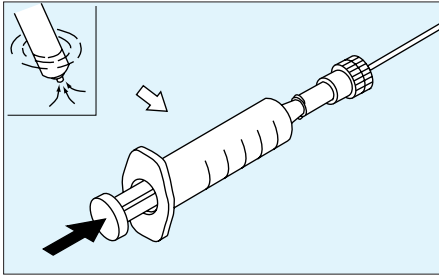


4. Remove them from the washing liquid and rinse under running water.  
5. Dry off the water with a dry piece of gauze.

### How to clean cannulation tubes



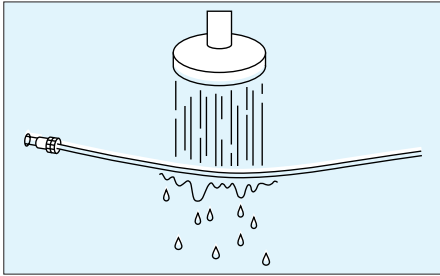
1. Wipe off the surface with a piece of gauze soaked in washing liquid.



2. With the cannulation tube immersed in washing liquid, use a syringe to draw washing liquid up into the tube.

3. Clean the cannulation tube by using ultrasound.

4. Remove the cannulation tube from the washing liquid, and use a syringe to introduce washing liquid into the tube to flush it out.



5. Remove the cannulation tube from the washing liquid and rinse under running water (purified water).

6. Dry off the water with a piece of sterile gauze.

7. Roll up the insertion section and seal it in a sterile pack.

## Ultrasound Cleaning

Carry out ultrasound cleaning at a frequency of 40 kHz for five minutes.  
Follow the instructions that came with your ultrasound cleaning equipment.

## Autoclaving

After placing the sealed sterilizing pack containing the forceps inside the autoclaving equipment, put them into a metal instrument box for use in the sterilizer, and autoclave for the times and at the temperatures given in the table on the right. (Placing the instruments directly into the autoclave may cause damage.) For the conditions for sterilization, follow the appropriate guidelines for cleaning, disinfection, and sterilization, or the recommendations given by the manufacturers of the sterilizer. Follow your own institution's guidelines for autoclave sterilization. When operating autoclave equipment, follow the instructions that came with the equipment or those supplied by the manufacturer.

### Autoclaving time and temperature

|         | Temperature | Time       |
|---------|-------------|------------|
| Forceps | 134°C       | 3 minutes  |
| Tubes   | 134°C       | 12 minutes |
| Snares  | 134°C       | 12 minutes |

(N.B. In some autoclaves, the temperature while drying rises higher than the set temperature. In this case, turn the "Dry" switch off before use.)

## Storage

- Warning** Packing biopsy forceps away in the carrying case and using it for storage may result in the inside of the case becoming a source of infection. Do not store biopsy forceps in the carrying case.
- Note** Do not store in a place that does not meet the storage conditions, as this may result in malfunction. Rolling up the insertion section into a diameter of less than 200 mm for storage may result in malfunction. Do not force the insertion section in order to store it.

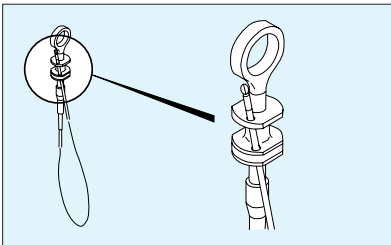
### Storage conditions

Store biopsy forceps following chemical disinfection or gas sterilization.  
Store biopsy forceps in a place that meets the following conditions.

Temperature : 10~30°C  
Humidity : 30~85%  
(however, not in a state of condensation)  
Air pressure : 70~106kpa (atmospheric pressure range)  
Location : Out of direct sunlight

### Storage holes

Pass the jaws or nails at the tip up through this hole, and store so that the jaws or prongs do not touch the floor.



# Scope Chart

Blue : 200  
Red : 400 Series

|                                    |                     | Effective length of forceps channel |                                   |                                                                                                                                                                                                                                                                                     |                                                                                                   |                                                                                                                                    |                                                                                                         |                                                      |
|------------------------------------|---------------------|-------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------------------------------|
|                                    |                     | 575mm                               | 790mm                             | 1020mm~1100mm                                                                                                                                                                                                                                                                       | 1235mm~1250mm                                                                                     | 1270mm~1550mm                                                                                                                      | 1600mm~1690mm                                                                                           | 2300mm                                               |
| Diameter of scope forceps aperture | 2.0mm               | EB-250S<br>EB-410S<br>EB-450S       |                                   | EG-270N5<br>EG-270N<br>EG-470N<br>EG-470N5                                                                                                                                                                                                                                          |                                                                                                   |                                                                                                                                    |                                                                                                         |                                                      |
|                                    | 2.2mm               |                                     |                                   | EG-250PE2<br>EG-250PE5<br>EG-450PE5<br>EG-410PE<br>EG-450PE                                                                                                                                                                                                                         |                                                                                                   | EG-200PE<br>EG-250PE                                                                                                               |                                                                                                         | EN-450P5                                             |
|                                    | 2.8mm               | EB-250T<br>EB-450T                  |                                   | EG-250HR2<br>EG-250WR5<br>EG-250FP5<br>EG-250FP<br>EG-250D<br>EG-201FP<br>EG-485ZH<br>EG-450ZW5<br>EG-485HR<br>EG-450WR5<br>EG-450G<br>EG-450HR<br>EG-410V<br>EG-410HR<br>EG-410FP2<br>EG-450D<br>EG-410D<br>EG-450D5<br>EG-410CR<br>EG-490WR5<br>EG-490ZW5<br>EG-590WR<br>EG-590ZW | ED-410XL<br>ED-410MP                                                                              | EG-250HR<br>EG-200FP<br>EG-200HR<br>EC-410MP<br>type13<br>EC-410MP<br>type15<br>EC-410D<br>EC-450DM5                               | EC-200MP<br>EC-450DL5                                                                                   | EN-200WM<br>type23<br>EN-410WM<br>type23<br>EN-450T5 |
|                                    | 3.2mm               |                                     | ES-200ER<br>ES-410WE<br>ES-450WE5 |                                                                                                                                                                                                                                                                                     | ED-250XL8<br>ED-250XL5<br>ED-250XL<br>EC-200WM2<br>ED-450XL<br>ED-450XL8<br>ED-450XL5<br>ED-420XL | EC-250MP5<br>EC-250WM<br>EC-410WM<br>EC-485ZW<br>EC-450ZH<br>EC-410HM<br>EC-410D<br>type13,15<br>EC-410CM<br>EC-410CW<br>EC-450MP5 | EC-250LP5<br>EC-250LP<br>EC-200MR<br>EC-200WM<br>EC-450LP<br>EC-450LP5<br>EC-410HL                      |                                                      |
|                                    | 3.7mm<br>∩<br>3.8mm |                                     |                                   | EG-250D<br>EG-250CT5<br>EG-250D5<br>EG-450D<br>EG-410D<br>EG-450D5<br>EG-450CT5                                                                                                                                                                                                     | ED-410XU                                                                                          | ED-200XU<br>EC-250WM5<br>EC-201WM<br>EC-201WI<br>EC-450WM5<br>EC-450WI5<br>EC-450ZW5/M<br>EC-450DM5<br>EC-490ZW5<br>EC-590ZW/M     | EC-250WL5<br>EC-250HL5<br>EC-201WL<br>EC-450WL5<br>EC450ZW5/L<br>EC-450DL5<br>EC-490ZW5/L<br>EC-590ZW/L |                                                      |
|                                    | 4.2mm               |                                     |                                   | EG-200CT<br>EG-410CT                                                                                                                                                                                                                                                                | ED-250XT8<br>ED-250XT<br>ED-450XT8<br>ED-450XT5<br>ED-410XT<br>ED-450XT                           |                                                                                                                                    |                                                                                                         |                                                      |

# Padlock Clip™

## defect closure system



*"The new Padlock Clip™ seems to be simple to use and effective in different clinical settings, particularly in "difficult" scenarios like recurrent bleeding."\**

\*Novel endoscopic over-the-scope clip system, World Journal of Gastroenterology, Volume 21, Issue 48, December 2015. Eia Armellini, MD, Stefano Francesco Crinò, MD, Marco Orsello, MD, Marco Ballarè, MD, Roberto Tari, MD, Silvia Saettone, MD, Franco Montino, MD, Pietro Occhipinti, MD¹



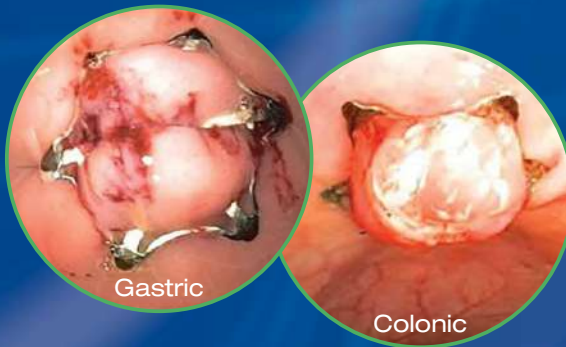
*listening...and delivering solutions®*

# Full circumferential tissue closure, simplified...

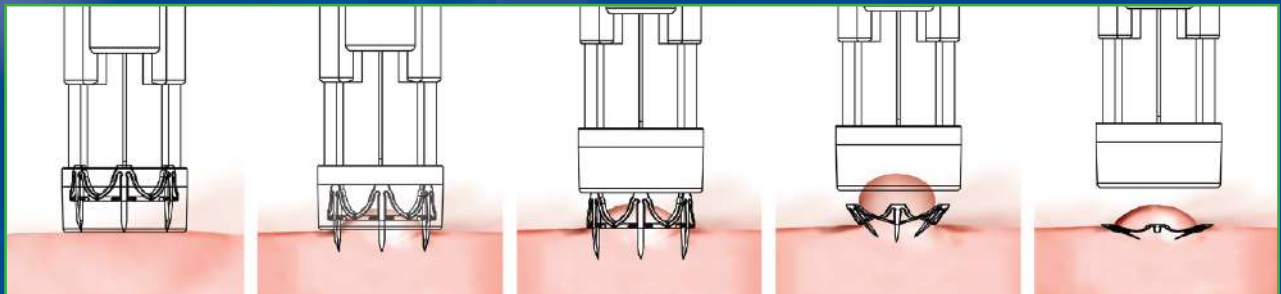
The Padlock Clip™ defect closure system facilitates fast and effective full circumferential tissue closure while still maintaining blood flow to promote healing.

## The Padlock Clip™ defect closure system features...

- A pre-loaded, self-grasping clip designed to encircle, lift, close, and potentiate the healing of tissue defects
- Quick and easy attachment to the outside of the endoscope
- Open and free instrument channel for optimal endoscope suction
- Intuitive “push of the thumb” deployment

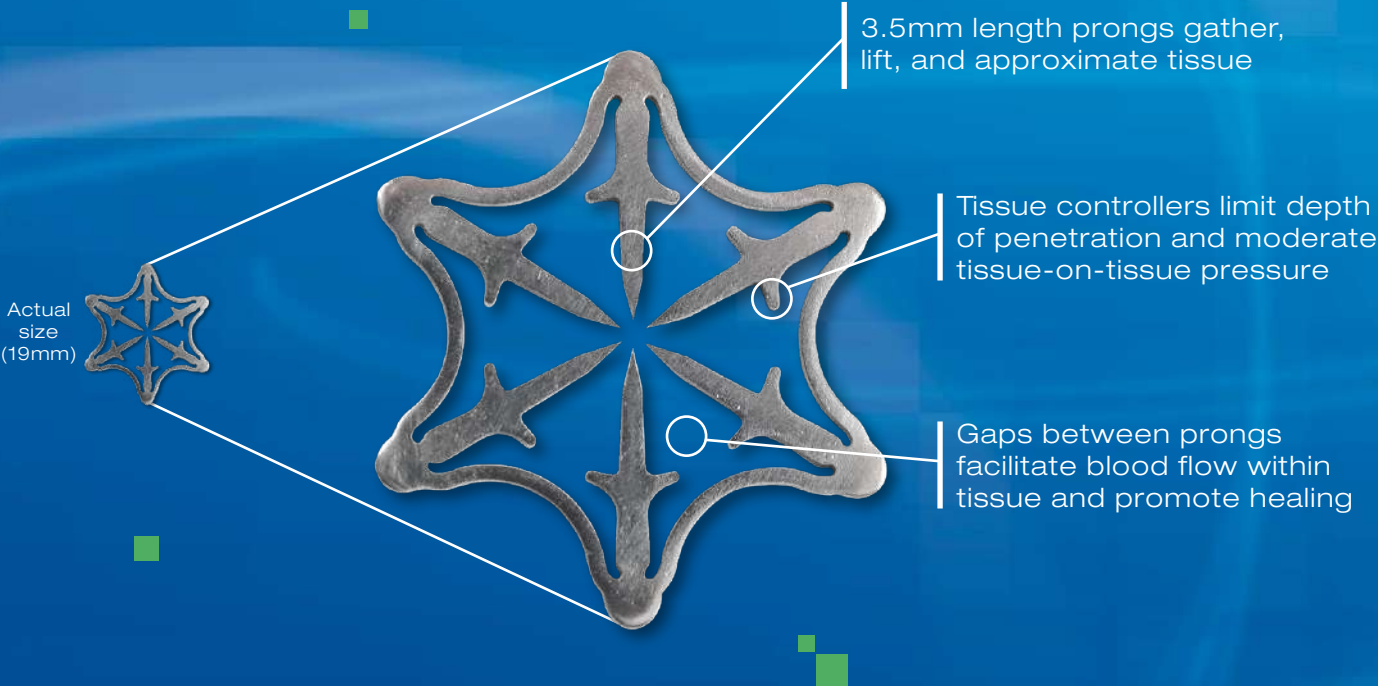


*One clip design for all indicated applications including – hemostasis and closure of ulcers, fistulas, perforations and polyp resection sites < 1.5cm.*



The Padlock Clip™ system lifting and compressing tissue from a target lesion to provide defect closure.

The Padlock Clip™ device is made of flexible, super elastic alloy and lays flat against the tissue, offering low profile radial compression.



For more information on the Padlock Clip™ defect closure system, contact US Endoscopy today.

| product number | description                                    | length (cm) | endoscope tip diameter (mm)                          | tissue chamber depth (cm)                     | tissue chamber diameter (cm) | sterile | units/box |
|----------------|------------------------------------------------|-------------|------------------------------------------------------|-----------------------------------------------|------------------------------|---------|-----------|
| C910001        | Padlock Clip™ defect closure device            | 162         | 9.5-11                                               | 1.0                                           | 1.1                          | yes     | 1         |
| C913131*       | Padlock Clip Pro-Select™ defect closure device | 162         | 11.3<br>11.5<br>12.0<br>12.5<br>13.0<br>13.5<br>14.0 | 0.3<br>0.4<br>0.8<br>1.1<br>1.3<br>1.5<br>1.9 | 1.1                          | yes     | 1         |

\*Ability to adjust tissue chamber depth based on scope diameter