

# Heyinovo

Endoscope Accessories

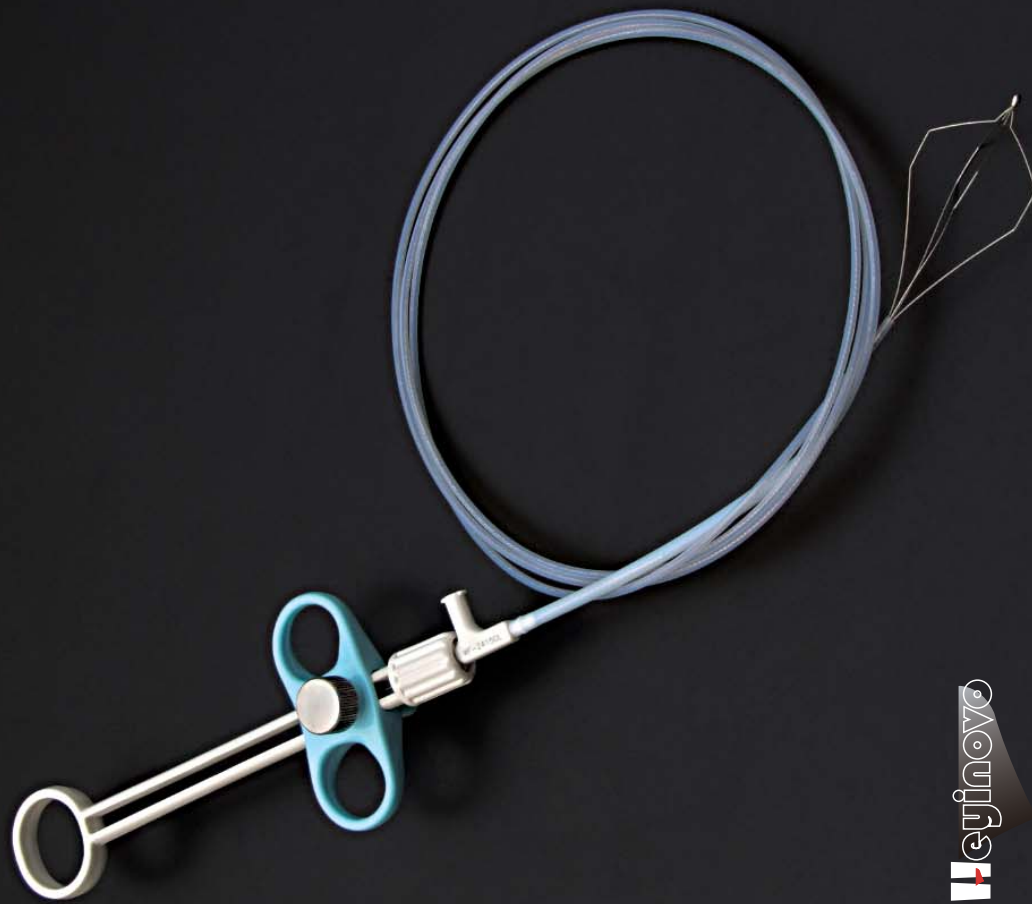
CE

Single use

Reusable



Made in China



## Fold Angular Baskets

For round and slippery objects,  
Basket can be retrieved into sheath,  
for better grasping.

### Single use

#### Disposable Biopsy Forceps

- Disposable Standard Biopsy Forceps P3
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- Cleaning Brushes P34

# Contents

# Disposable Biopsy Forceps

Collect tissue from human body through endoscope.

Single use

CE 0197



# Disposable Biopsy Forceps

Collect tissue from human body through endoscope.

Single use

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## Disposable Oval Cup Biopsy Forceps

Oval, fenestrated cups for deeper biopsy.



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Sterile
<b>WS-1810BT</b>	Ø 1.9×1000 (mm)	Ø 2.0 mm	●
<b>WS-1816BT</b>	Ø 1.9×1600 (mm)	Ø 2.0 mm	●
<b>WS-2416BT</b>	Ø 2.5×1600 (mm)	Ø 2.8 mm	●
<b>WS-2423BT</b>	Ø 2.5×2300 (mm)	Ø 2.8 mm	●

Item No.	Max. Insertion Portion Width & Working Length	Working Channel Diameter	Sterile
<b>WS-2416BTH</b>	Ø 2.5×1600 (mm)	Ø 2.8 mm	●
<b>WS-2423BTH</b>	Ø 2.5×2300 (mm)	Ø 2.8 mm	●

## Disposable Standard Biopsy Forceps

Standard, round and fenestrated cups for minimal tissue damage.



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Sterile
<b>WS-2416BS</b>	Ø 2.5×1600 (mm)	Ø 2.8 mm	●
<b>WS-2423BS</b>	Ø 2.5×2300 (mm)	Ø 2.8 mm	●

Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Sterile
<b>WS-2416BSH</b>	Ø 2.5×1600 (mm)	Ø 2.8 mm	●
<b>WS-2423BSH</b>	Ø 2.5×2300 (mm)	Ø 2.8 mm	●

## Disposable Oval Cup With Needle Biopsy Forceps

Oval, fenestrated cups with needle for accurate targeting, no sliding, for gathering bigger tissue sample.



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Sterile
<b>WS-2416BW</b>	Ø 2.5×1600 (mm)	Ø 2.8 mm	●
<b>WS-2423BW</b>	Ø 2.5×2300 (mm)	Ø 2.8 mm	●

Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Sterile
<b>WS-2416BWH</b>	Ø 2.5×1600 (mm)	Ø 2.8 mm	●
<b>WS-2423BWH</b>	Ø 2.5×2300 (mm)	Ø 2.8 mm	●

# Disposable Biopsy Forceps

Collect tissue from human body through endoscope.

Single Use

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## Disposable Alligator Cup Biopsy Forceps

Serrated. Alligator cups for deep biopsy of hard and difficult to access tissue.



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Sterile
<b>WS-2416BU</b>	Ø 2.5 × 1600 (mm)	Ø 2.8 mm	•
<b>WS-2423BU</b>	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	•

Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Sterile
<b>WS-2416BUH</b>	Ø 2.5 × 1600 (mm)	Ø 2.8 mm	•
<b>WS-2423BUH</b>	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	•

## Disposable Alligator Cup With Needle Biopsy Forceps

Serrated. Alligator cups for deep biopsy of hard and difficult to access tissue. With needle for accurate targeting, no slippage.



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Sterile
<b>WS-2416BN</b>	Ø 2.5 × 1600 (mm)	Ø 2.8 mm	•
<b>WS-2423BN</b>	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	•

Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Sterile
<b>WS-2416BNH</b>	Ø 2.5 × 1600 (mm)	Ø 2.8 mm	•
<b>WS-2423BNH</b>	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	•

# Disposable Injection Needles

Inject medicines into human tissue through endoscope.

Single Use

CE 0197

## Disposable Injection Needles

- Stainless steel needle point. Teflon needle, inner tube and outer tube.
- Item No marked with \* is our regular specification.



Item No.	Max. Insertion Portion Width & Working Length	Needle Diameter	Needle Length	Min. Insertion Channel Width	Sterile
<b>WS-1816PN2304</b>	Ø 1.9 × 1650 (mm)	23 G	4 mm	Ø 2.0 mm	•
<b>WS-1816PN2504</b>	Ø 1.9 × 1650 (mm)	25 G	4 mm	Ø 2.0 mm	•
<b>WS-1816PN2305</b>	Ø 1.9 × 1650 (mm)	23 G	5 mm	Ø 2.0 mm	•
<b>WS-1816PN2505</b>	Ø 1.9 × 1650 (mm)	25 G	5 mm	Ø 2.0 mm	•
<b>WS-1816PN2306</b>	Ø 1.9 × 1650 (mm)	23 G	6 mm	Ø 2.0 mm	•
<b>WS-1816PN2308</b>	Ø 1.9 × 1650 (mm)	23 G	8 mm	Ø 2.0 mm	•
<b>WS-2416PN2104</b>	Ø 2.5 × 1650 (mm)	21 G	4 mm	Ø 2.8 mm	•
<b>WS-2416PN2304 *</b>	Ø 2.5 × 1650 (mm)	23 G	4 mm	Ø 2.8 mm	•
<b>WS-2416PN2504 *</b>	Ø 2.5 × 1650 (mm)	25 G	4 mm	Ø 2.8 mm	•
<b>WS-2416PN2105 *</b>	Ø 2.5 × 1650 (mm)	21 G	5 mm	Ø 2.8 mm	•
<b>WS-2416PN2505 *</b>	Ø 2.5 × 1650 (mm)	25 G	5 mm	Ø 2.8 mm	•
<b>WS-2416PN2306 *</b>	Ø 2.5 × 1650 (mm)	23 G	6 mm	Ø 2.8 mm	•
<b>WS-2416PN2506 *</b>	Ø 2.5 × 1650 (mm)	25 G	6 mm	Ø 2.8 mm	•
<b>WS-2423PN1904 *</b>	Ø 2.5 × 2300 (mm)	19 G	4 mm	Ø 2.8 mm	•
<b>WS-2423PN2304 *</b>	Ø 2.5 × 2300 (mm)	23 G	4 mm	Ø 2.8 mm	•
<b>WS-2423PN2504 *</b>	Ø 2.5 × 2300 (mm)	25 G	4 mm	Ø 2.8 mm	•
<b>WS-2423PN2105 *</b>	Ø 2.5 × 2300 (mm)	21 G	5 mm	Ø 2.8 mm	•
<b>WS-2423PN2305 *</b>	Ø 2.5 × 2300 (mm)	23 G	5 mm	Ø 2.8 mm	•
<b>WS-2423PN2505 *</b>	Ø 2.5 × 2300 (mm)	25 G	5 mm	Ø 2.8 mm	•
<b>WS-2423PN2306 *</b>	Ø 2.5 × 2300 (mm)	23 G	6 mm	Ø 2.8 mm	•
<b>WS-2423PN2506 *</b>	Ø 2.5 × 2300 (mm)	25 G	6 mm	Ø 2.8 mm	•



# Disposable Injection Needles

Inject medicines into human tissue through endoscope.



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## Disposable Injection Needles



- Stainless steel needle point, Teflon needle inner tube and Metal outer tube.
- Item No marked with "\*" is our regular specification.



Item No.	Max. Insertion Portion Width & Working Length	Needle diameter	Needle Length	Min. Insertion Channel Width	Sterile
WS-2416PM2104 *	Ø 2.5 × 1650 (mm)	21 G	4 mm	Ø 2.8 mm	•
WS-2416PM2304	Ø 2.5 × 1650 (mm)	23 G	4 mm	Ø 2.8 mm	•
WS-2416PM2504	Ø 2.5 × 1650 (mm)	25 G	4 mm	Ø 2.8 mm	•
WS-2416PM2105	Ø 2.5 × 1650 (mm)	21 G	5 mm	Ø 2.8 mm	•
WS-2416PM2505	Ø 2.5 × 1650 (mm)	25 G	5 mm	Ø 2.8 mm	•
WS-2416PM2306	Ø 2.5 × 1650 (mm)	23 G	6 mm	Ø 2.8 mm	•
WS-2416PM2506	Ø 2.5 × 1650 (mm)	25 G	6 mm	Ø 2.8 mm	•
WS-2423PM2104 *	Ø 2.5 × 2300 (mm)	21 G	4 mm	Ø 2.8 mm	•
WS-2423PM2304 *	Ø 2.5 × 2300 (mm)	23 G	4 mm	Ø 2.8 mm	•
WS-2423PM2504 *	Ø 2.5 × 2300 (mm)	25 G	4 mm	Ø 2.8 mm	•
WS-2423PM2305	Ø 2.5 × 2300 (mm)	23 G	5 mm	Ø 2.8 mm	•
WS-2423PM2505	Ø 2.5 × 2300 (mm)	25 G	5 mm	Ø 2.8 mm	•
WS-2423PM2306	Ø 2.5 × 2300 (mm)	23 G	6 mm	Ø 2.8 mm	•
WS-2423PM2506	Ø 2.5 × 2300 (mm)	25 G	6 mm	Ø 2.8 mm	•

Item No.	Max. Insertion Portion Width & Working Length	Needle diameter	Needle Length	Min. Insertion Channel Width	Sterile
WS-2416PM2104(H)	Ø 2.6 × 1650 (mm)	21 G	4 mm	Ø 2.8 mm	•
WS-2416PM2304(H) *	Ø 2.6 × 1650 (mm)	23 G	4 mm	Ø 2.8 mm	•
WS-2416PM2504(H)	Ø 2.6 × 1650 (mm)	25 G	4 mm	Ø 2.8 mm	•
WS-2416PM2105(H)	Ø 2.6 × 1650 (mm)	21 G	5 mm	Ø 2.8 mm	•
WS-2416PM2505(H)	Ø 2.6 × 1650 (mm)	25 G	5 mm	Ø 2.8 mm	•
WS-2416PM2306(H)	Ø 2.6 × 1650 (mm)	23 G	6 mm	Ø 2.8 mm	•
WS-2416PM2506(H)	Ø 2.6 × 1650 (mm)	25 G	6 mm	Ø 2.8 mm	•
WS-2423PM2304(H) *	Ø 2.6 × 2300 (mm)	23 G	4 mm	Ø 2.8 mm	•
WS-2423PM2504(H)	Ø 2.6 × 2300 (mm)	25 G	4 mm	Ø 2.8 mm	•
WS-2423PM2305(H) *	Ø 2.6 × 2300 (mm)	23 G	5 mm	Ø 2.8 mm	•
WS-2423PM2505(H) *	Ø 2.6 × 2300 (mm)	25 G	5 mm	Ø 2.8 mm	•
WS-2423PM2306(H)	Ø 2.6 × 2300 (mm)	23 G	6 mm	Ø 2.8 mm	•
WS-2423PM2506(H)	Ø 2.6 × 2300 (mm)	25 G	6 mm	Ø 2.8 mm	•

# Disposable Retrieval Baskets

Grasp foreign bodies and stone through endoscope.



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# Disposable Retrieval Baskets

Grasp foreign bodies and stone through endoscope.



## Disposable Fold Angular Baskets

Useful for retrieving round and slippery objects.



Nitinol



Stainless steel

Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Basket Width	Sterile
WS-1807GL415	Ø 1.9 × 700 (mm)	Ø 2.0 mm	15 mm	●
WS-1810GL420	Ø 1.9 × 1000 (mm)	Ø 2.0 mm	20 mm	●
WS-1819GL420	Ø 1.9 × 1900 (mm)	Ø 2.0 mm	20 mm	●
WS-2415GL430	Ø 2.5 × 1500 (mm)	Ø 2.8 mm	30 mm	●
WS-2419GL420	Ø 2.5 × 1900 (mm)	Ø 2.8 mm	20 mm	●
WS-2423GL430	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	30 mm	●

Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Basket Width	Sterile
WS-1807GL015	Ø 1.9 × 700 (mm)	Ø 2.0 mm	15 mm	●
WS-1810GL020	Ø 1.9 × 1000 (mm)	Ø 2.0 mm	20 mm	●
WS-1819GL020	Ø 1.9 × 1900 (mm)	Ø 2.0 mm	20 mm	●
WS-2415GL030	Ø 2.5 × 1500 (mm)	Ø 2.8 mm	30 mm	●
WS-2419GL020	Ø 2.5 × 1900 (mm)	Ø 2.8 mm	20 mm	●
WS-2423GL035	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	35 mm	●

## Disposable Spirality Baskets

Ideal for the retrieval of foreign bodies.



Nitinol

Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Basket Width	Sterile
WS-1807GL515	Ø 1.9 × 700 (mm)	Ø 2.0 mm	15 mm	●
WS-1810GL520	Ø 1.9 × 1000 (mm)	Ø 2.0 mm	20 mm	●
WS-1819GL520	Ø 1.9 × 1900 (mm)	Ø 2.0 mm	20 mm	●
WS-2415GL530	Ø 2.5 × 1500 (mm)	Ø 2.8 mm	30 mm	●
WS-2419GL520	Ø 2.5 × 1900 (mm)	Ø 2.8 mm	20 mm	●
WS-2423GL530	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	30 mm	●

## Disposable Ball Baskets

Ball shape design for the capture of small and large stones.



Nitinol

Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Basket Width	Sterile
WS-1807GL615	Ø 1.9 × 700 (mm)	Ø 2.0 mm	15 mm	●
WS-1810GL620	Ø 1.9 × 1000 (mm)	Ø 2.0 mm	20 mm	●
WS-1819GL620	Ø 1.9 × 1900 (mm)	Ø 2.0 mm	20 mm	●
WS-2415GL630	Ø 2.5 × 1500 (mm)	Ø 2.8 mm	30 mm	●
WS-2419GL620	Ø 2.5 × 1900 (mm)	Ø 2.8 mm	20 mm	●
WS-2423GL630	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	30 mm	●

# Disposable Electrosurgical Electrodes

Connect to high-frequency generator, cut and coagulate polyp tissue through endoscope.



# Disposable Electrosurgical Electrodes

Connect to high-frequency generator, cut and coagulate polyp tissue through endoscope.



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## Disposable Snare

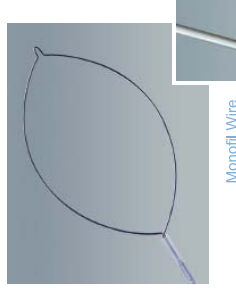


Cut polyp with high-frequency current.



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Loop Diameter	Sterile
WS-2416DT15	Ø 2.5 × 1650 (mm)	Ø 2.8 mm	15 mm	●
WS-2423DT15	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	15 mm	●
WS-2416DT20	Ø 2.5 × 1650 (mm)	Ø 2.8 mm	20 mm	●
WS-2423DT20	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	20 mm	●
WS-2416DT25	Ø 2.5 × 1650 (mm)	Ø 2.8 mm	25 mm	●
WS-2423DT25	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	25 mm	●

\* Max. Loop Diameter Ø35 mm



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Loop Diameter	Sterile
WS-S2416DT15	Ø 2.5 × 1650 (mm)	Ø 2.8 mm	15 mm	●
WS-S2423DT15	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	15 mm	●
WS-S2416DT20	Ø 2.5 × 1650 (mm)	Ø 2.8 mm	20 mm	●
WS-S2423DT20	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	20 mm	●
WS-S2416DT25	Ø 2.5 × 1650 (mm)	Ø 2.8 mm	25 mm	●
WS-S2423DT25	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	25 mm	●

\* Max. Loop Diameter Ø35 mm



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Loop Diameter	Sterile
WS-2416DL15	Ø 2.5 × 1650 (mm)	Ø 2.8 mm	15 mm	●
WS-2423DL15	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	15 mm	●
WS-2416DL20	Ø 2.5 × 1650 (mm)	Ø 2.8 mm	20 mm	●
WS-2416DL25	Ø 2.5 × 1650 (mm)	Ø 2.8 mm	25 mm	●
WS-2423DL25	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	25 mm	●



Item No.	Max. Insertion Portion Width & Working Length	Working Channel Diameter	Loop Diameter	Sterile
WS-S2416DL25	Ø 2.5 × 1650 (mm)	Ø 2.8 mm	25 mm	●
WS-S2423DL25	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	25 mm	●

# Disposable Electrosurgical Electrodes

Connect to high-frequency generator, cut and coagulate polyp tissue through endoscope.



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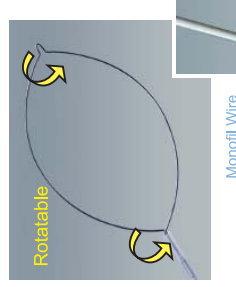
## Disposable Snare



Cut polyp with high-frequency current.

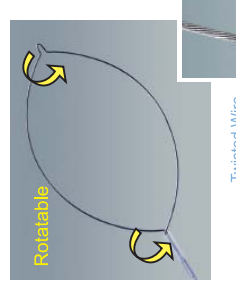


Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Loop Diameter	Sterile
WS-1819DB15	Ø 1.9 × 1900 (mm)	Ø 2.0 mm	15 mm	●
WS-2416DB15	Ø 2.5 × 1650 (mm)	Ø 2.8 mm	15 mm	●
WS-2423DB15	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	15 mm	●
WS-1819DB25	Ø 1.9 × 1900 (mm)	Ø 2.0 mm	25 mm	●
WS-2416DB25	Ø 2.5 × 1650 (mm)	Ø 2.8 mm	25 mm	●
WS-2423DB25	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	25 mm	●



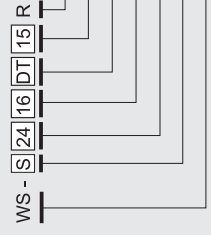
Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Loop Diameter	Sterile
WS-S2416DT15R	Ø 2.5 × 1650 (mm)	Ø 2.8 mm	15 mm	●
WS-S2423DT15R	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	15 mm	●
WS-S2416DT20R	Ø 2.5 × 1650 (mm)	Ø 2.8 mm	20 mm	●
WS-S2423DT20R	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	20 mm	●
WS-S2416DT25R	Ø 2.5 × 1650 (mm)	Ø 2.8 mm	25 mm	●
WS-S2423DT25R	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	25 mm	●

\* Max. Loop Diameter Ø35 mm



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Loop Diameter	Sterile
WS-2416DT15R	Ø 2.5 × 1650 (mm)	Ø 2.8 mm	15 mm	●
WS-2423DT15R	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	15 mm	●
WS-2416DT20R	Ø 2.5 × 1650 (mm)	Ø 2.8 mm	20 mm	●
WS-2423DT20R	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	20 mm	●
WS-2416DT25R	Ø 2.5 × 1650 (mm)	Ø 2.8 mm	25 mm	●
WS-2423DT25R	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	25 mm	●

\* Max. Loop Diameter Ø35 mm



## Item No. Directions

# Disposable Electrosurgical Electrodes

Connect to high-frequency generator, cut and coagulate polyp tissue electrically through endoscope.



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## Disposable Coagulation Electrode



For coagulation of small blood vessels. Exchangeable coagulation tips.



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Sterile
WS-1810DQ	Ø 1.9 × 1000 (mm)	Ø 2.0 mm	●
WS-1816DQ	Ø 1.9 × 1600 (mm)	Ø 2.0 mm	●
WS-2416DQ	Ø 2.5 × 1600 (mm)	Ø 2.8 mm	●
WS-2423DQ	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	●

\* Other specification can be customized according to requirement.

## Disposable Hot Biopsy Forceps



For cutting small polyps and coagulation of small vessels. Exchangeable coagulation tips.



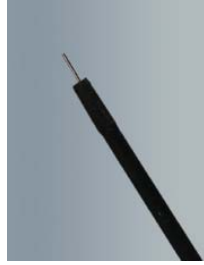
Item No.	Max. Insertion Portion Diameter & Working Length	Min. Insertion Channel Width	Sterile
WS-1810DG	Ø 1.9 × 1000 (mm)	Ø 2.0 mm	●
WS-1816DG	Ø 1.9 × 1600 (mm)	Ø 2.0 mm	●
WS-2416DG	Ø 2.5 × 1600 (mm)	Ø 2.8 mm	●
WS-2423DG	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	●

\* Other specification can be customized according to requirement.

## Disposable Needle Electrode



Cut tissue with high-frequency current. Needle length: 4–8 mm



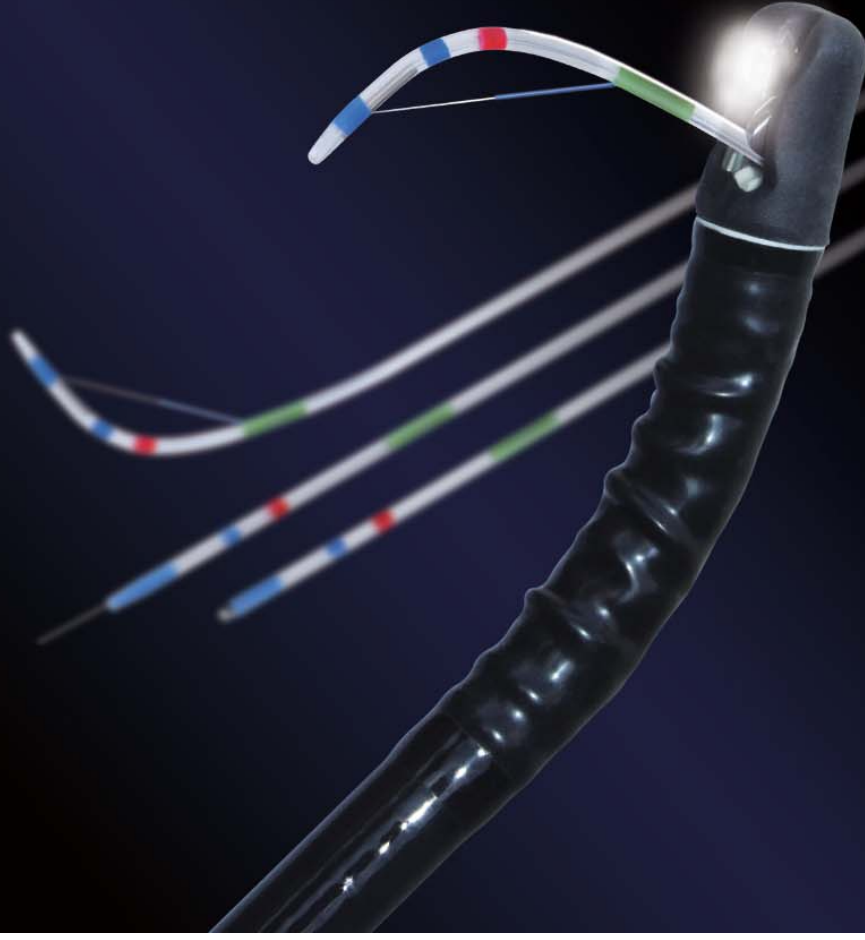
Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Sterile
WS-2416DZ	Ø 2.5 × 1600 (mm)	Ø 2.8 mm	●

# Disposable Electrosurgical Electrodes

Connect to high-frequency generator, cut and coagulate sphincter tissue electrically through endoscope.



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# Disposable Electrosurgical Electrodes

Connect to high-frequency generator, cut and coagulate sphincter tissue electrically through endoscope.



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## Disposable Needle Electrode (Triple lumen)

Cur tissue with high-frequency current

Needle length: 5-10 mm

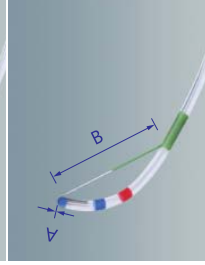
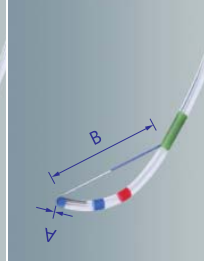
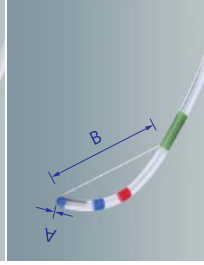
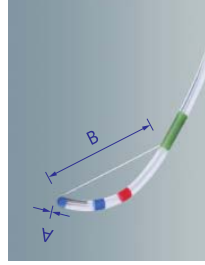
Guide wire Diameter: 0.035 inch



Item No.	Max. Insertion Portion & Working Length	Min. Insertion Channel Width	Needle length	Sterile
WS-2421DZ05	Ø2.5 × 2100 (mm)	Ø2.8 mm	5 mm	•
WS-2421DZ07	Ø2.5 × 2100 (mm)	Ø2.8 mm	7 mm	•
WS-2421DZ10	Ø2.5 × 2100 (mm)	Ø2.8 mm	10 mm	•

## Papillotome (One lumen)

Working Length: 2100 mm, Max. Insertion Portion Width: Ø2.5 mm, Min. Insertion Channel Width: Ø2.8 mm, Guide wire Diameter: 0.035 inch



# Disposable Electrosurgical Electrodes

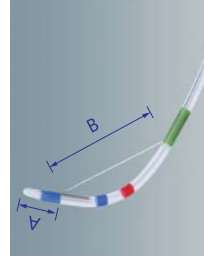
Connect to high-frequency generator, cut and coagulate sphincter tissue electrically through endoscope.



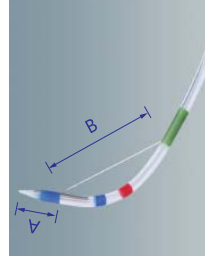
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## Papillotome (Double lumen)

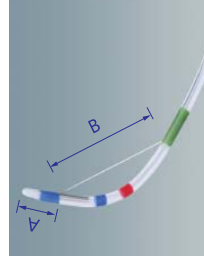
Working Length: 2100 mm, Max. Insertion Portion Width: Ø2.5 mm, Min. Insertion Channel Width: Ø2.8 mm, Guide wire Diameter: 0.035 inch



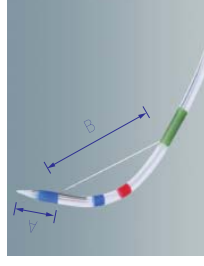
Round Tip



Tapering Tip



Round Tip



Tapering Tip

Item No.	A	B	Sterile
WS-0320DJ2	3 mm	20 mm	•
WS-0325DJ2	3 mm	25 mm	•
WS-0330DJ2	3 mm	30 mm	•
WS-0720DJ2	7 mm	20 mm	•
WS-0725DJ2	7 mm	25 mm	•
WS-0730DJ2	7 mm	30 mm	•
WS-1520DJ2	15 mm	20 mm	•
WS-1525DJ2	15 mm	25 mm	•
WS-1530DJ2	15 mm	30 mm	•
WS-2520DJ2	25 mm	20 mm	•
WS-2525DJ2	25 mm	25 mm	•
WS-2530DJ2	25 mm	30 mm	•

Item No.	A	B	Sterile
WS-0320DJ2-A	3 mm	20 mm	•
WS-0325DJ2-A	3 mm	25 mm	•
WS-0330DJ2-A	3 mm	30 mm	•
WS-0720DJ2-A	7 mm	20 mm	•
WS-0725DJ2-A	7 mm	25 mm	•
WS-0730DJ2-A	7 mm	30 mm	•
WS-1520DJ2-A	15 mm	20 mm	•
WS-1525DJ2-A	15 mm	25 mm	•
WS-1530DJ2-A	15 mm	30 mm	•
WS-2520DJ2-A	25 mm	20 mm	•
WS-2525DJ2-A	25 mm	25 mm	•
WS-2530DJ2-A	25 mm	30 mm	•

Item No.	A	B	Sterile
WS-0320DJ2-B	3 mm	20 mm	•
WS-0325DJ2-B	3 mm	25 mm	•
WS-0330DJ2-B	3 mm	30 mm	•
WS-0720DJ2-B	7 mm	20 mm	•
WS-0725DJ2-B	7 mm	25 mm	•
WS-0730DJ2-B	7 mm	30 mm	•
WS-1520DJ2-B	15 mm	20 mm	•
WS-1525DJ2-B	15 mm	25 mm	•
WS-1530DJ2-B	15 mm	30 mm	•
WS-2520DJ2-B	25 mm	20 mm	•
WS-2525DJ2-B	25 mm	25 mm	•
WS-2530DJ2-B	25 mm	30 mm	•

Item No.	A	B	Sterile
WS-0320DJ2-C	3 mm	20 mm	•
WS-0325DJ2-C	3 mm	25 mm	•
WS-0330DJ2-C	3 mm	30 mm	•
WS-0720DJ2-C	7 mm	20 mm	•
WS-0725DJ2-C	7 mm	25 mm	•
WS-0730DJ2-C	7 mm	30 mm	•
WS-1520DJ2-C	15 mm	20 mm	•
WS-1525DJ2-C	15 mm	25 mm	•
WS-1530DJ2-C	15 mm	30 mm	•
WS-2520DJ2-C	25 mm	20 mm	•
WS-2525DJ2-C	25 mm	25 mm	•
WS-2530DJ2-C	25 mm	30 mm	•

# Disposable Electrosurgical Electrodes

Connect to high-frequency generator, cut and coagulate sphincter tissue electrically through endoscope.



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# Disposable Electrosurgical Electrodes

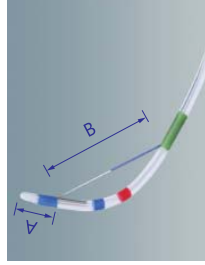
Connect to high-frequency generator, cut and coagulate sphincter tissue electrically through endoscope.



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## Papillotome (Double lumen)

Working Length: 2100 mm, Max. Insertion Portion Width:  $\varnothing$ 2.5 mm, Min. Insertion Channel Width:  $\varnothing$ 2.8 mm, Guide wire Diameter: 0.035 inch

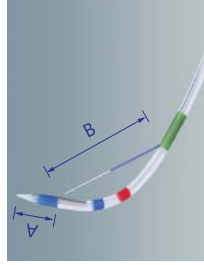


Monofil Wire



Round Tip

Item No.	A	B	Sterile
WS-0320DJ2T	3 mm	20 mm	●
WS-0325DJ2T	3 mm	25 mm	●
WS-0330DJ2T	3 mm	30 mm	●
WS-0720DJ2T	7 mm	20 mm	●
WS-0725DJ2T	7 mm	25 mm	●
WS-0730DJ2T	7 mm	30 mm	●
WS-1520DJ2T	15 mm	20 mm	●
WS-1525DJ2T	15 mm	25 mm	●
WS-1530DJ2T	15 mm	30 mm	●
WS-2520DJ2T	25 mm	20 mm	●
WS-2525DJ2T	25 mm	25 mm	●
WS-2530DJ2T	25 mm	30 mm	●

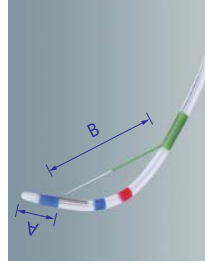


Monofil Wire



Tapering Tip

Item No.	A	B	Sterile
WS-0320DJ2T-A	3 mm	20 mm	●
WS-0325DJ2T-A	3 mm	25 mm	●
WS-0330DJ2T-A	3 mm	30 mm	●
WS-0720DJ2T-A	7 mm	20 mm	●
WS-0725DJ2T-A	7 mm	25 mm	●
WS-0730DJ2T-A	7 mm	30 mm	●
WS-1520DJ2T-A	15 mm	20 mm	●
WS-1525DJ2T-A	15 mm	25 mm	●
WS-1530DJ2T-A	15 mm	30 mm	●
WS-2520DJ2T-A	25 mm	20 mm	●
WS-2525DJ2T-A	25 mm	25 mm	●
WS-2530DJ2T-A	25 mm	30 mm	●

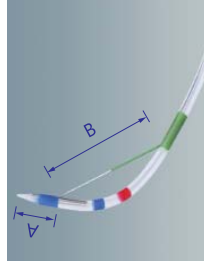


Twisted Wire



Round Tip

Item No.	A	B	Sterile
WS-0320DJ2T-B	3 mm	20 mm	●
WS-0325DJ2T-B	3 mm	25 mm	●
WS-0330DJ2T-B	3 mm	30 mm	●
WS-0720DJ2T-B	7 mm	20 mm	●
WS-0725DJ2T-B	7 mm	25 mm	●
WS-0730DJ2T-B	7 mm	30 mm	●
WS-1520DJ2T-B	15 mm	20 mm	●
WS-1525DJ2T-B	15 mm	25 mm	●
WS-1530DJ2T-B	15 mm	30 mm	●
WS-2520DJ2T-B	25 mm	20 mm	●
WS-2525DJ2T-B	25 mm	25 mm	●
WS-2530DJ2T-B	25 mm	30 mm	●



Twisted Wire

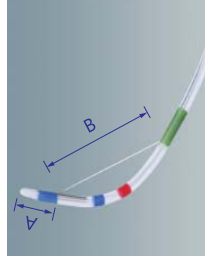


Tapering Tip

Item No.	A	B	Sterile
WS-0320DJ2T-C	3 mm	20 mm	●
WS-0325DJ2T-C	3 mm	25 mm	●
WS-0330DJ2T-C	3 mm	30 mm	●
WS-0720DJ2T-C	7 mm	20 mm	●
WS-0725DJ2T-C	7 mm	25 mm	●
WS-0730DJ2T-C	7 mm	30 mm	●
WS-1520DJ2T-C	15 mm	20 mm	●
WS-1525DJ2T-C	15 mm	25 mm	●
WS-1530DJ2T-C	15 mm	30 mm	●
WS-2520DJ2T-C	25 mm	20 mm	●
WS-2525DJ2T-C	25 mm	25 mm	●
WS-2530DJ2T-C	25 mm	30 mm	●

## Papillotome (Triple lumen)

Working Length: 2100 mm, Max. Insertion Portion Width:  $\varnothing$ 2.5 mm, Min. Insertion Channel Width:  $\varnothing$ 2.8 mm, Guide wire Diameter: 0.035 inch

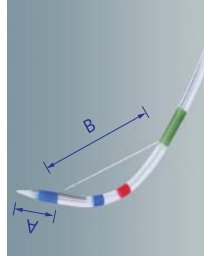


Monofil Wire



Round Tip

Item No.	A	B	Sterile
WS-0320DJ3	3 mm	20 mm	●
WS-0325DJ3	3 mm	25 mm	●
WS-0330DJ3	3 mm	30 mm	●
WS-0720DJ3	7 mm	20 mm	●
WS-0725DJ3	7 mm	25 mm	●
WS-0730DJ3	7 mm	30 mm	●
WS-1520DJ3	15 mm	20 mm	●
WS-1525DJ3	15 mm	25 mm	●
WS-1530DJ3	15 mm	30 mm	●
WS-2520DJ3	25 mm	20 mm	●
WS-2525DJ3	25 mm	25 mm	●
WS-2530DJ3	25 mm	30 mm	●

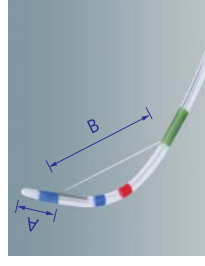


Monofil Wire



Tapering Tip

Item No.	A	B	Sterile
WS-0320DJ3-A	3 mm	20 mm	●
WS-0325DJ3-A	3 mm	25 mm	●
WS-0330DJ3-A	3 mm	30 mm	●
WS-0720DJ3-A	7 mm	20 mm	●
WS-0725DJ3-A	7 mm	25 mm	●
WS-0730DJ3-A	7 mm	30 mm	●
WS-1520DJ3-A	15 mm	20 mm	●
WS-1525DJ3-A	15 mm	25 mm	●
WS-1530DJ3-A	15 mm	30 mm	●
WS-2520DJ3-A	25 mm	20 mm	●
WS-2525DJ3-A	25 mm	25 mm	●
WS-2530DJ3-A	25 mm	30 mm	●

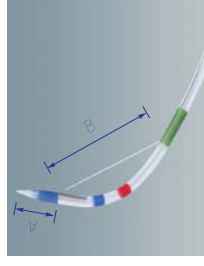


Twisted Wire



Round Tip

Item No.	A	B	Sterile
WS-0320DJ3-B	3 mm	20 mm	●
WS-0325DJ3-B	3 mm	25 mm	●
WS-0330DJ3-B	3 mm	30 mm	●
WS-0720DJ3-B	7 mm	20 mm	●
WS-0725DJ3-B	7 mm	25 mm	●
WS-0730DJ3-B	7 mm	30 mm	●
WS-1520DJ3-B	15 mm	20 mm	●
WS-1525DJ3-B	15 mm	25 mm	●
WS-1530DJ3-B	15 mm	30 mm	●
WS-2520DJ3-B	25 mm	20 mm	●
WS-2525DJ3-B	25 mm	25 mm	●
WS-2530DJ3-B	25 mm	30 mm	●



Twisted Wire



Tapering Tip

Item No.	A	B	Sterile
WS-0320DJ3-C	3 mm	20 mm	●
WS-0325DJ3-C	3 mm	25 mm	●
WS-0330DJ3-C	3 mm	30 mm	●
WS-0720DJ3-C	7 mm	20 mm	●
WS-0725DJ3-C	7 mm	25 mm	●
WS-0730DJ3-C	7 mm	30 mm	●
WS-1520DJ3-C	15 mm	20 mm	●
WS-1525DJ3-C	15 mm	25 mm	●
WS-1530DJ3-C	15 mm	30 mm	●
WS-2520DJ3-C	25 mm	20 mm	●
WS-2525DJ3-C	25 mm	25 mm	●
WS-2530DJ3-C	25 mm	30 mm	●

# Disposable Electrosurgical Electrodes

Connect to high-frequency generator, cut and coagulate sphincter tissue electrically through endoscope.

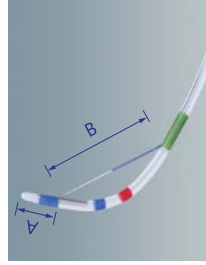


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## Popillitome (Triple lumen)



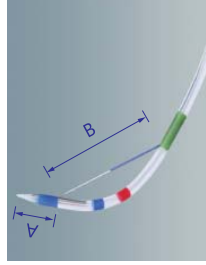
Working Length: 2100 mm, Max. Insertion Portion Width:  $\varnothing 2.5$  mm, Min. Insertion Channel Width:  $\varnothing 2.8$  mm, Guide wire Diameter: 0.035 inch



Monofil Wire



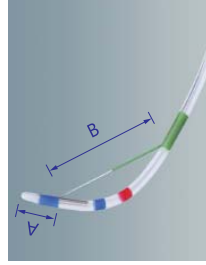
Round Tip



Monofil Wire



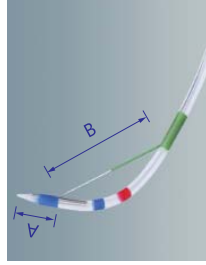
Tapering Tip



Twisted Wire



Round Tip



Twisted Wire



Tapering Tip

Item No.	A	B	Sterile
WS-0320DJ3T	3 mm	20 mm	●
WS-0325DJ3T	3 mm	25 mm	●
WS-0330DJ3T	3 mm	30 mm	●
WS-0720DJ3T	7 mm	20 mm	●
WS-0725DJ3T	7 mm	25 mm	●
WS-0730DJ3T	7 mm	30 mm	●
WS-1520DJ3T	15 mm	20 mm	●
WS-1525DJ3T	15 mm	25 mm	●
WS-1530DJ3T	15 mm	30 mm	●
WS-2520DJ3T	25 mm	20 mm	●
WS-2525DJ3T	25 mm	25 mm	●
WS-2530DJ3T	25 mm	30 mm	●

Item No.	A	B	Sterile
WS-0320DJ3T-A	3 mm	20 mm	●
WS-0325DJ3T-A	3 mm	25 mm	●
WS-0330DJ3T-A	3 mm	30 mm	●
WS-0720DJ3T-A	7 mm	20 mm	●
WS-0725DJ3T-A	7 mm	25 mm	●
WS-0730DJ3T-A	7 mm	30 mm	●
WS-1520DJ3T-A	15 mm	20 mm	●
WS-1525DJ3T-A	15 mm	25 mm	●
WS-1530DJ3T-A	15 mm	30 mm	●
WS-2520DJ3T-A	25 mm	20 mm	●
WS-2525DJ3T-A	25 mm	25 mm	●
WS-2530DJ3T-A	25 mm	30 mm	●

Item No.	A	B	Sterile
WS-0320DJ3T-B	3 mm	20 mm	●
WS-0325DJ3T-B	3 mm	25 mm	●
WS-0330DJ3T-B	3 mm	30 mm	●
WS-0720DJ3T-B	7 mm	20 mm	●
WS-0725DJ3T-B	7 mm	25 mm	●
WS-0730DJ3T-B	7 mm	30 mm	●
WS-1520DJ3T-B	15 mm	20 mm	●
WS-1525DJ3T-B	15 mm	25 mm	●
WS-1530DJ3T-B	15 mm	30 mm	●
WS-2520DJ3T-B	25 mm	20 mm	●
WS-2525DJ3T-B	25 mm	25 mm	●
WS-2530DJ3T-B	25 mm	30 mm	●

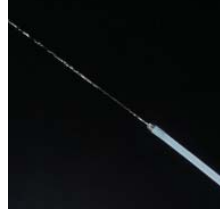
Item No.	A	B	Sterile
WS-0320DJ3T-C	3 mm	20 mm	●
WS-0325DJ3T-C	3 mm	25 mm	●
WS-0330DJ3T-C	3 mm	30 mm	●
WS-0720DJ3T-C	7 mm	20 mm	●
WS-0725DJ3T-C	7 mm	25 mm	●
WS-0730DJ3T-C	7 mm	30 mm	●
WS-1520DJ3T-C	15 mm	20 mm	●
WS-1525DJ3T-C	15 mm	25 mm	●
WS-1530DJ3T-C	15 mm	30 mm	●
WS-2520DJ3T-C	25 mm	20 mm	●
WS-2525DJ3T-C	25 mm	25 mm	●
WS-2530DJ3T-C	25 mm	30 mm	●

# Disposable Spray Catheters



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## Disposable Spray Catheters



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Sterile
WS-1810PA	$\varnothing 1.9 \times 1000$ (mm)	$\varnothing 2.0$ mm	●
WS-1818PA	$\varnothing 1.9 \times 1800$ (mm)	$\varnothing 2.0$ mm	●
WS-2418PA	$\varnothing 2.5 \times 1800$ (mm)	$\varnothing 2.8$ mm	●
WS-2423PA	$\varnothing 2.5 \times 2300$ (mm)	$\varnothing 2.8$ mm	●



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Sterile
WS-2418PB	$\varnothing 2.5 \times 1800$ (mm)	$\varnothing 2.8$ mm	●
WS-2423PB	$\varnothing 2.5 \times 2300$ (mm)	$\varnothing 2.8$ mm	●

## Disposable ERCP Cannulas



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Sterile
WS-1820PD	$\varnothing 1.9 \times 2000$ (mm)	$\varnothing 2.0$ mm	●

# Disposable ERCP Cannulas



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# Disposable Foreign Body Removal

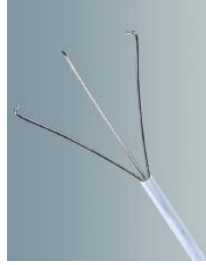


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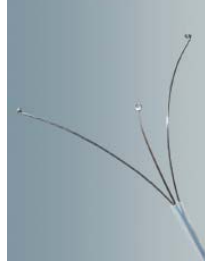
## Disposable 3-Prong Type Grasping Forceps



3-prong grasping forceps for removing polyp residuals and foreign bodies, 3-prong can be retrieved into the sheath to grasp the polyp firmly, and not broke it.



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Sterile
<b>WS-2418GM3G</b>	Ø 2.5 × 1800 (mm)	Ø 2.8 mm	•
<b>WS-2423GM3G</b>	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	•



With Loop

## Disposable 4-Prong Type Grasping Forceps



4-prong grasping forceps for removing polyp residuals and foreign bodies, 4-prong can be retrieved into the sheath to grasp the polyp firmly, and not broke it.



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Sterile
<b>WS-2418GM4G</b>	Ø 2.5 × 1800 (mm)	Ø 2.8 mm	•
<b>WS-2423GM4G</b>	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	•



With Loop

# Disposable Bite Blocks



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## Disposable Bite Blocks



Item No.	Max. Size	Sterile
<b>WS-YO-01</b>	16 mm	Sterile
<b>WS-YO-01E</b>	16 mm	•



Item No.	Max. Size	Sterile
<b>WS-YO-02</b>	20 mm	Sterile
<b>WS-YO-02E</b>	20 mm	•



Item No.	Max. Size	Sterile
<b>WS-YO-03</b>	20 mm	Sterile
<b>WS-YO-03E</b>	20 mm	•



Item No.	Max. Size	Sterile
<b>WS-YO-04</b>	16 mm	Sterile
<b>WS-YO-04E</b>	16 mm	•

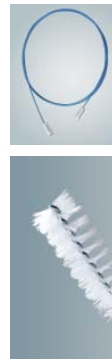
# Disposable Cleaning Brushes

Clean endoscope working channel and port hole.

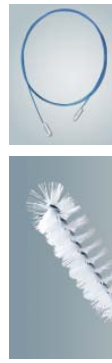


## Disposable Double Ended Cleaning Brushes

Channel cleaning brush.



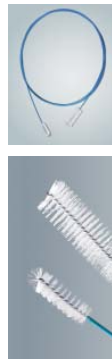
Item No.	Brush Diameter & Working Length (mm)	Working Channel Diameter	Sterile
WS-1818WA	Ø 5.5×1800 (mm)	2.8-4.2 mm	Sterile
WS-1823WA	Ø 5.5×2300 (mm)	2.8-4.2 mm	
WS-1510WB	Ø 3.0×1000 (mm)	2.0-2.2 mm	
WS-1523WB	Ø 3.0×2300 (mm)	2.0-2.2 mm	
WS-0910WC	Ø 2.0×1000 (mm)	1.2 mm	
WS-0923WC	Ø 2.0×2300 (mm)	1.2 mm	



Item No.	Brush Diameter & Working Length (mm)	Working Channel Diameter	Sterile
WS-1818WG	Ø 5.5×1800 (mm)	2.8-4.2 mm	Sterile
WS-1823WG	Ø 5.5×2300 (mm)	2.8-4.2 mm	
WS-1510WH	Ø 3.0×1000 (mm)	2.0-2.2 mm	
WS-1523WH	Ø 3.0×2300 (mm)	2.0-2.2 mm	



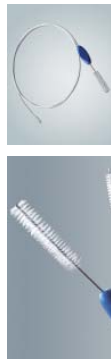
Item No.	Brush Diameter & Working Length (mm)	Working Channel Diameter	Sterile
WS-1818WA(P)	Ø 5.5×1800 (mm)	2.8-4.2 mm	Sterile
WS-1823WA(P)	Ø 5.5×2300 (mm)	2.8-4.2 mm	
WS-1510WB(P)	Ø 3.0×1000 (mm)	2.0-2.2 mm	
WS-1518WB(P)	Ø 3.0×1800 (mm)	2.0-2.2 mm	
WS-1523WB(P)	Ø 3.0×2300 (mm)	2.0-2.2 mm	
WS-0910WC(P)	Ø 2.0×1000 (mm)	1.2 mm	
WS-0923WC(P)	Ø 2.0×2300 (mm)	1.2 mm	



Item No.	Brush Diameter & Working Length (mm)	Working Channel Diameter	Sterile
WS-1823WG/D	Ø 5.5/10×2300 (mm)	2.8-4.2 mm	



Item No.	Brush Diameter & Working Length (mm)	Working Channel Diameter	Sterile
WS-1823WA(P)/D	Ø 5.5/10×2300 (mm)	2.8-4.2 mm	



Item No.	Brush Diameter & Working Length (mm)	Working Channel Diameter	Sterile
WS-1523WA(P)/DH	Ø 5.5/10×2300 (mm)	2.0-4.2 mm	

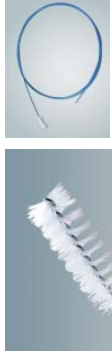


# Disposable Cleaning Brushes



## Disposable Single Ended Cleaning Brushes

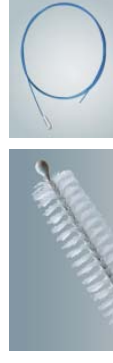
Channel cleaning brush.



Item No.	Brush Diameter & Working Length (mm)	Working Channel Diameter	Sterile
WS-1818VA	Ø 5.5×1800 (mm)	2.8-4.2 mm	Sterile
WS-1823VA	Ø 5.5×2300 (mm)	2.8-4.2 mm	
WS-1510VB	Ø 3.0×1000 (mm)	2.0-2.2 mm	
WS-1523VB	Ø 3.0×2300 (mm)	2.0-2.2 mm	
WS-0910VC	Ø 2.0×1000 (mm)	1.2 mm	
WS-0923VC	Ø 2.0×2300 (mm)	1.2 mm	



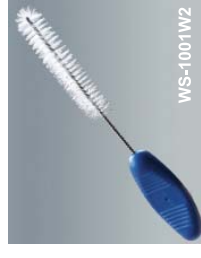
Item No.	Brush Diameter & Working Length (mm)	Working Channel Diameter	Sterile
WS-1818VG	Ø 5.5×1800 (mm)	2.8-4.2 mm	Sterile
WS-1823VG	Ø 5.5×2300 (mm)	2.8-4.2 mm	
WS-1510VH	Ø 3.0×1000 (mm)	2.0-2.2 mm	
WS-1523VH	Ø 3.0×2300 (mm)	2.0-2.2 mm	



Item No.	Brush Diameter & Working Length (mm)	Working Channel Diameter	Sterile
WS-1818VA(P)	Ø 5.5×1800 (mm)	2.8-4.2 mm	Sterile
WS-1823VA(P)	Ø 5.5×2300 (mm)	2.8-4.2 mm	
WS-1510VB(P)	Ø 3.0×1000 (mm)	2.0-2.2 mm	
WS-1523VB(P)	Ø 3.0×2300 (mm)	2.0-2.2 mm	
WS-0910VC(P)	Ø 2.0×1000 (mm)	1.2 mm	
WS-0918VC(P)	Ø 2.0×1800 (mm)	1.2 mm	
WS-0923VC(P)	Ø 2.0×2300 (mm)	1.2 mm	
WS-0937VC(P)	Ø 2.0×3700 (mm)	1.2 mm	

## Disposable Port Hole Cleaning Brushes

Port hole cleaning brush.



Item No.	Brush Diameter & Working Length (mm)	Sterile
WS-1001W1	Ø 10×60 (mm)	Sterile
WS-1001W2	Ø 10×60 (mm)	
WS-1001W8	Ø 5.5/10×40/60(mm)	

## Disposable Cytology Brushes

Collect mucous membrane cells through endoscope.



CE 0197

### Disposable Cytology Brushes



Ideal brush hardness for improved sample collection. Thinner bristles for significantly improved cell collection capability.



Item No.	Max. Insertion Portion Width & Working Length	Bush the Hair in Diameter	Min. Insertion Channel Width	Sterile
WS-1810XA2	Ø 1.9 × 1000 (mm)	Ø 2 mm	2.0 mm	●
WS-1816XA2	Ø 1.9 × 1600 (mm)	Ø 2 mm	2.0 mm	●
WS-1816XA3	Ø 1.9 × 1600 (mm)	Ø 3 mm	2.0 mm	●
WS-2416XA3	Ø 2.5 × 1600 (mm)	Ø 3 mm	2.8 mm	●
WS-2416XA5	Ø 2.5 × 1600 (mm)	Ø 5 mm	2.8 mm	●
WS-2423XA3	Ø 2.5 × 2300 (mm)	Ø 3 mm	2.8 mm	●
WS-2423XA5	Ø 2.5 × 2300 (mm)	Ø 5 mm	2.8 mm	●

## Biopsy Forceps (Reusable)

Collect tissue from human body through endoscope.



CE

### Standard Biopsy Forceps

Autoclavable 134°C

Standard, round and fenestrated cups for minimal tissue damage.



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Autoclavable
WF-1807BS	Ø 1.9 × 700 (mm)	Ø 2.0 mm	●
WF-1810BS	Ø 1.9 × 1000 (mm)	Ø 2.0 mm	●
WF-1816BS	Ø 1.9 × 1600 (mm)	Ø 2.0 mm	●
WF-1825BS	Ø 1.9 × 2500 (mm)	Ø 2.0 mm	●
WF-2416BS	Ø 2.5 × 1600 (mm)	Ø 2.8 mm	●
WF-2423BS	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	●

\* Other specification can be customized according to requirement.

### Oval Fenestrated Cups

Autoclavable 134°C

Oval, fenestrated cups for deeper biopsies.



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Autoclavable
WF-1807BT	Ø 1.9 × 700 (mm)	Ø 2.0 mm	●
WF-1810BT	Ø 1.9 × 1000 (mm)	Ø 2.0 mm	●
WF-1816BT	Ø 1.9 × 1600 (mm)	Ø 2.0 mm	●
WF-1825BT	Ø 1.9 × 2500 (mm)	Ø 2.0 mm	●
WF-2416BT	Ø 2.5 × 1600 (mm)	Ø 2.8 mm	●
WF-2423BT	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	●

\* Other specification can be customized according to requirement.

### Oval Fenestrated Cup With Needle

Autoclavable 134°C

Oval, fenestrated cup with needle for accurate targeting, no sliding. Designed to minimize tissue damage.



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Autoclavable
WF-2416BW	Ø 2.5 × 1600 (mm)	Ø 2.8 mm	●
WF-2423BW	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	●

\* Other specification can be customized according to requirement.

## Biopsy Forceps (Reusable)

Collect tissue from human body through endoscope.



### Alligator Jaws Type Biopsy Forceps

Autoclavable 134 °C

Standard, alligator jaws cups for tissue collection on tumour.



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Autoclavable
WF-1807BU	Ø 1.9 × 700 (mm)	Ø 2.0 mm	●
WF-1810BU	Ø 1.9 × 1000 (mm)	Ø 2.0 mm	●
WF-1816BU	Ø 1.9 × 1600 (mm)	Ø 2.0 mm	●
WF-1825BU	Ø 1.9 × 2500 (mm)	Ø 2.0 mm	●
WF-2416BU	Ø 2.5 × 1600 (mm)	Ø 2.8 mm	●
WF-2423BU	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	●

\* Other specification can be customized according to requirement.

### Alligator, Single Moving Cup Biopsy Forceps

Autoclavable 134 °C

Single moving cup for wall biopsies and biopsies of depressed lesions.



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Autoclavable
WF-1807BV	Ø 1.9 × 700 (mm)	Ø 2.0 mm	●
WF-1810BV	Ø 1.9 × 1000 (mm)	Ø 2.0 mm	●
WF-1816BV	Ø 1.9 × 1600 (mm)	Ø 2.0 mm	●
WF-1825BV	Ø 1.9 × 2500 (mm)	Ø 2.0 mm	●
WF-2416BV	Ø 2.5 × 1600 (mm)	Ø 2.8 mm	●
WF-2423BV	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	●

\* Other specification can be customized according to requirement.

### Injection Needles

Autoclavable 134 °C

Stainless steel needle Teflon inner tube, stainless steel or Teflon sheath.



Item No.	Max. Insertion Portion Width & Working Length	Needle diameter	Needle length	Min. Insertion Channel Width	Autoclavable
WF-1816PM2304	Ø 1.9 × 1650 (mm)	23 G	4 mm	Ø 2.0 mm	●
WF-1816PM2306	Ø 1.9 × 1650 (mm)	23 G	6 mm	Ø 2.0 mm	●
WF-2416PM2104	Ø 2.5 × 1650 (mm)	21 G	4 mm	Ø 2.8 mm	●
WF-2416PM2106	Ø 2.5 × 1650 (mm)	21 G	6 mm	Ø 2.8 mm	●
WF-2416PM2306	Ø 2.5 × 1650 (mm)	23 G	6 mm	Ø 2.8 mm	●
WF-2423PM2104	Ø 2.5 × 2300 (mm)	21 G	4 mm	Ø 2.8 mm	●
WF-2423PM2106	Ø 2.5 × 2300 (mm)	21 G	6 mm	Ø 2.8 mm	●
WF-2423PM2304	Ø 2.5 × 2300 (mm)	23 G	4 mm	Ø 2.8 mm	●
WF-2423PM2306	Ø 2.5 × 2300 (mm)	23 G	6 mm	Ø 2.8 mm	●

## Injection Needles (Reusable)

Inject medicines into human tissue through endoscope.



## Foreign Body Removal (Reusable)

Grasp foreign bodies through endoscope.



### Alligator Type Grasping Forceps

Autoclavable 134 °C

Alligator jaws for sharp edged objects.



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Autoclavable
WF-1807GH	Ø 1.9 × 700 (mm)	Ø 2.0 mm	●
WF-1810GH	Ø 1.9 × 1000 (mm)	Ø 2.0 mm	●
WF-1816GH	Ø 1.9 × 1600 (mm)	Ø 2.0 mm	●
WF-1825GH	Ø 1.9 × 2500 (mm)	Ø 2.0 mm	●
WF-2416GH	Ø 2.5 × 1600 (mm)	Ø 2.8 mm	●
WF-2423GH	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	●

### Rat Tooth Type Grasping Forceps

Autoclavable 134 °C

Rat tooth for flat and hard objects (e.g. Coins).



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Autoclavable
WF-1807GI	Ø 1.9 × 700 (mm)	Ø 2.0 mm	●
WF-1810GI	Ø 1.9 × 1000 (mm)	Ø 2.0 mm	●
WF-1816GI	Ø 1.9 × 1600 (mm)	Ø 2.0 mm	●
WF-1825GI	Ø 1.9 × 2500 (mm)	Ø 2.0 mm	●
WF-2416GI	Ø 2.5 × 1600 (mm)	Ø 2.8 mm	●
WF-2423GI	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	●

### Rat Tooth With Alligator Jaws Type Grasping Forceps

Autoclavable 134 °C

For flat and hard objects, sharp tooth, long jaws for difficult retrieval.



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Autoclavable
WF-1807GJ	Ø 1.9 × 700 (mm)	Ø 2.0 mm	●
WF-1810GJ	Ø 1.9 × 1000 (mm)	Ø 2.0 mm	●
WF-1816GJ	Ø 1.9 × 1600 (mm)	Ø 2.0 mm	●
WF-1825GJ	Ø 1.9 × 2500 (mm)	Ø 2.0 mm	●
WF-2416GJ	Ø 2.5 × 1600 (mm)	Ø 2.8 mm	●
WF-2423GJ	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	●

## Foreign Body Removal (Reusable)

Grasp foreign bodies through endoscope.



Opening width: 15 mm.

### Pelican Type Grasping Forceps

### Pelican Type Grasping Forceps

For big objects. Opening width: 15 mm.



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Autoclavable
WF-1807GK	Ø 1.9 × 700 (mm)	Ø 2.0 mm	●
WF-1810GK	Ø 1.9 × 1000 (mm)	Ø 2.0 mm	●
WF-1816GK	Ø 1.9 × 1600 (mm)	Ø 2.0 mm	●
WF-1825GK	Ø 1.9 × 2500 (mm)	Ø 2.0 mm	●
WF-2416GK	Ø 2.5 × 1600 (mm)	Ø 2.8 mm	●
WF-2423GK	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	●

Autoclavable 134 °C

## Foreign Body Removal (Reusable)

Grasp foreign bodies through endoscope.

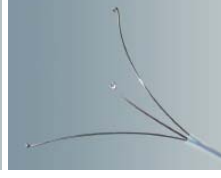


### 3-Prong Type Grasping Forceps

3-prong grasping forceps for removing polyp residuals and foreign bodies. 3-prong can be retrieved into the sheath to grasp the polyp firmly, and not broke it.

Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Autoclavable
WF-1807GM3G	Ø 1.9 × 700 (mm)	Ø 2.0 mm	●
WF-1810GM3G	Ø 1.9 × 1000 (mm)	Ø 2.0 mm	●
WF-1816GM3G	Ø 1.9 × 1600 (mm)	Ø 2.0 mm	●
WF-1825GM3G	Ø 1.9 × 2500 (mm)	Ø 2.0 mm	●
WF-2416GM3G	Ø 2.5 × 1600 (mm)	Ø 2.8 mm	●
WF-2423GM3G	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	●

Autoclavable 134 °C



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Autoclavable
WF-1807GM3Q	Ø 1.9 × 700 (mm)	Ø 2.0 mm	●
WF-1810GM3Q	Ø 1.9 × 1000 (mm)	Ø 2.0 mm	●
WF-1816GM3Q	Ø 1.9 × 1600 (mm)	Ø 2.0 mm	●
WF-1825GM3Q	Ø 1.9 × 2500 (mm)	Ø 2.0 mm	●
WF-2416GM3Q	Ø 2.5 × 1600 (mm)	Ø 2.8 mm	●
WF-2423GM3Q	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	●

Autoclavable 134 °C

### Rubber Tips Type Grasping Forceps

Rubber tips for grasping slippery, flat or slight objects. (E.g. needles, slight wires).



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Autoclavable
WF-1807GN	Ø 1.9 × 700 (mm)	Ø 2.0 mm	●
WF-1810GN	Ø 1.9 × 1000 (mm)	Ø 2.0 mm	●
WF-1816GN	Ø 1.9 × 1600 (mm)	Ø 2.0 mm	●
WF-1825GN	Ø 1.9 × 2500 (mm)	Ø 2.0 mm	●
WF-2416GN	Ø 2.5 × 1600 (mm)	Ø 2.8 mm	●
WF-2423GN	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	●

Autoclavable 134 °C



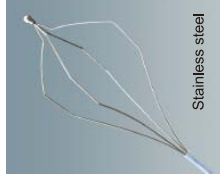
## Retrieval Baskets (Reusable)

Grasp foreign bodies through endoscope.



### Fold Angular Baskets

Useful for retrieving round and slippery objects.



Stainless steel



Nitinol

Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Basket Width	Autoclavable
WF-1807GL015	Ø 1.9 × 700 (mm)	Ø 2.0 mm	15 mm	●
WF-1810GL020	Ø 1.9 × 1000 (mm)	Ø 2.0 mm	20 mm	●
WF-1819GL020	Ø 1.9 × 1900 (mm)	Ø 2.0 mm	20 mm	●
WF-2415GL030	Ø 2.5 × 1500 (mm)	Ø 2.8 mm	30 mm	●
WF-2419GL020	Ø 2.5 × 1900 (mm)	Ø 2.8 mm	20 mm	●
WF-2423GL035	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	35 mm	●

\* Other specification can be customized according to requirement.

Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Basket Width	Autoclavable
WF-1807GL415	Ø 1.9 × 700 (mm)	Ø 2.0 mm	15 mm	●
WF-1810GL420	Ø 1.9 × 1000 (mm)	Ø 2.0 mm	20 mm	●
WF-1819GL420	Ø 1.9 × 1900 (mm)	Ø 2.0 mm	20 mm	●
WF-2415GL430	Ø 2.5 × 1500 (mm)	Ø 2.8 mm	30 mm	●
WF-2419GL420	Ø 2.5 × 1900 (mm)	Ø 2.8 mm	20 mm	●
WF-2423GL430	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	30 mm	●

\* Other specification can be customized according to requirement.

### Spirality Baskets

Ideal for the retrieval of foreign bodies.



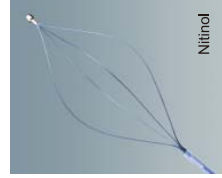
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Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Basket Width	Autoclavable
WF-1807GL515	Ø 1.9 × 700 (mm)	Ø 2.0 mm	15 mm	●
WF-1810GL520	Ø 1.9 × 1000 (mm)	Ø 2.0 mm	20 mm	●
WF-1819GL520	Ø 1.9 × 1900 (mm)	Ø 2.0 mm	20 mm	●
WF-2415GL530	Ø 2.5 × 1500 (mm)	Ø 2.8 mm	30 mm	●
WF-2419GL520	Ø 2.5 × 1900 (mm)	Ø 2.8 mm	20 mm	●
WF-2423GL530	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	30 mm	●

\* Other specification can be customized according to requirement.

### Ball Baskets

Ball shape design for the capture of small and large stones.



Nitinol

Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Basket Width	Autoclavable
WF-1807GL615	Ø 1.9 × 700 (mm)	Ø 2.0 mm	15 mm	●
WF-1810GL620	Ø 1.9 × 1000 (mm)	Ø 2.0 mm	20 mm	●
WF-1819GL620	Ø 1.9 × 1900 (mm)	Ø 2.0 mm	20 mm	●
WF-2415GL630	Ø 2.5 × 1500 (mm)	Ø 2.8 mm	30 mm	●
WF-2419GL620	Ø 2.5 × 1900 (mm)	Ø 2.8 mm	20 mm	●
WF-2423GL630	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	30 mm	●

\* Other specification can be customized according to requirement.

## Electrosurgical Electrodes (Reusable)

Connect to high-frequency generator, cut and coagulate polyp tissue through endoscope.



### Snare

Cut polyp with high-frequency current.



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Loop Diameter	Autoclavable
WF-2416DT15	Ø 2.5 × 1650 (mm)	Ø 2.8 mm	15 mm	●
WF-2423DT15	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	15 mm	●
WF-2416DT20	Ø 2.5 × 1650 (mm)	Ø 2.8 mm	20 mm	●
WF-2423DT20	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	20 mm	●
WF-2416DT25	Ø 2.5 × 1650 (mm)	Ø 2.8 mm	25 mm	●
WF-2423DT25	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	25 mm	●
WF-2416DT30	Ø 2.5 × 1650 (mm)	Ø 2.8 mm	30 mm	●
WF-2423DT30	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	30 mm	●

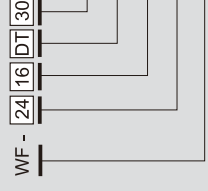
Standard package: 1pc WSD Handle, 2pcs Shares.

Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Loop Diameter	Autoclavable
WF-1819DL20	Ø 1.9 × 1900 (mm)	Ø 2.0 mm	20 mm	●
WF-2416DL25	Ø 2.5 × 1650 (mm)	Ø 2.8 mm	25 mm	●
WF-2423DL25	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	25 mm	●

Standard package: 1pc WSD Handle, 2pcs Shares.

Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Loop Diameter	Autoclavable
WF-1819DB13	Ø 1.9 × 1900 (mm)	Ø 2.0 mm	13 mm	●
WF-1819DB22	Ø 1.9 × 1900 (mm)	Ø 2.0 mm	22 mm	●
WF-2416DB22	Ø 2.5 × 1650 (mm)	Ø 2.8 mm	22 mm	●
WF-2423DB22	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	22 mm	●

Standard package: 1pc WSD Handle, 2pcs Shares.



### Item No. Directions

Loop Diameter (30 mm)  
Code of the Head Shape (Oval)  
Working Length (16 × 100 = 1600 mm)  
Diameter (24 × 0.1 = 2.4 mm)  
Reusable

## Electrosurgical Electrodes (Reusable)

Connect to high-frequency generator, cut and coagulate polyp tissue through endoscope.



CE 0197

### Coagulation Electrode

Autoclavable 134°C

For coagulation of small blood vessels. Exchangeable coagulation tips.



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Autoclavable
WF-1810DQ	Ø 1.9 × 1000 (mm)	Ø 2.0 mm	●
WF-1816DQ	Ø 1.9 × 1600 (mm)	Ø 2.0 mm	●
WF-2416DQ	Ø 2.5 × 1600 (mm)	Ø 2.8 mm	●
WF-2423DQ	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	●

### Hot Biopsy Forceps

Autoclavable 134°C

For cutting small polyps and coagulation of small vessels. Exchangeable coagulation tips.



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Autoclavable
WF-2416DG	Ø 2.5 × 1600 (mm)	Ø 2.8 mm	●
WF-2423DG	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	●

### Needle Electrode

Autoclavable 134°C

Cut tissue with high-frequency current. Needle length: 4–8 mm



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Autoclavable
WF-2416DZ	Ø 2.5 × 1600 (mm)	Ø 2.8 mm	●

## Spray Catheters (Reusable)



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### Spray Catheters

Autoclavable 134°C



Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Autoclavable
WF-1810PA	Ø 1.9 × 1000 (mm)	Ø 2.0 mm	●
WF-1818PA	Ø 1.9 × 1800 (mm)	Ø 2.0 mm	●
WF-2418PA	Ø 2.5 × 1800 (mm)	Ø 2.8 mm	●
WF-2423PA	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	●

Item No.	Max. Insertion Portion Width & Working Length	Min. Insertion Channel Width	Autoclavable
WF-2418PB	Ø 2.5 × 1800 (mm)	Ø 2.8 mm	●
WF-2423PB	Ø 2.5 × 2300 (mm)	Ø 2.8 mm	●

### Cleaning Brushes

Autoclavable 134°C

Channel cleaning brush.



Item No.	Brush Diameter & Working Length	Working Channel Diameter	Autoclavable
WF-1810W3	Ø 5.0 × 1000 (mm)	Ø 2.0–2.8 mm	●
WF-1816W3	Ø 5.0 × 1600 (mm)	Ø 2.0–2.8 mm	●
WF-2416W3	Ø 6.0 × 1600 (mm)	Ø 2.8–3.2 mm	●
WF-2423W3	Ø 6.0 × 2300 (mm)	Ø 2.8–3.2 mm	●

## Cleaning Brushes (Reusable)



CE



Wilson Instruments (SHA) Co., Ltd.

WILSON INSTRUMENTS (SHA) CO., LTD.

TEL: 0086-21-66311471

FAX: 0086-21-66311472

E-mail: [info@heyinovo.com](mailto:info@heyinovo.com)

Website: [www.heyinovo.com](http://www.heyinovo.com)