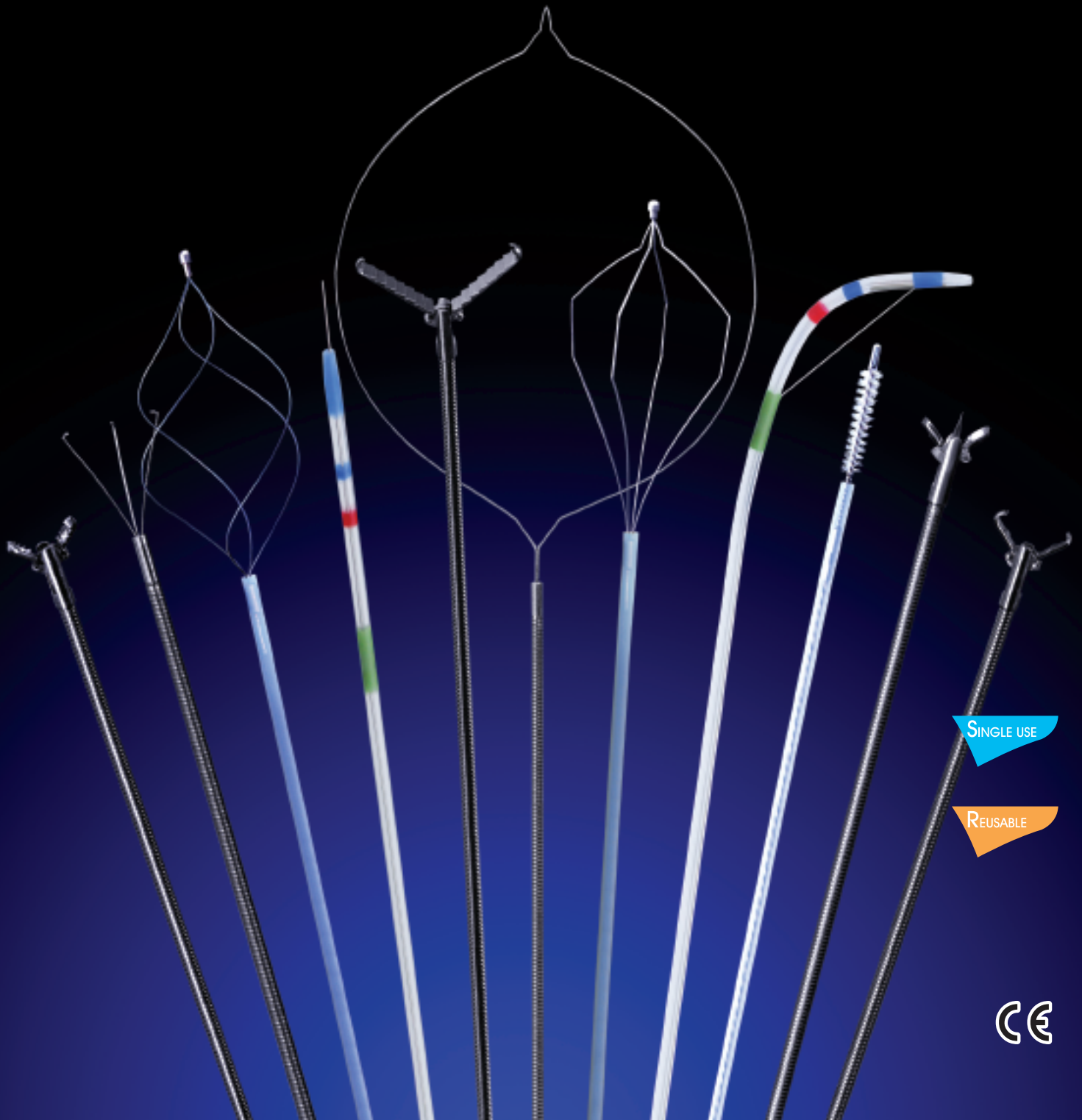




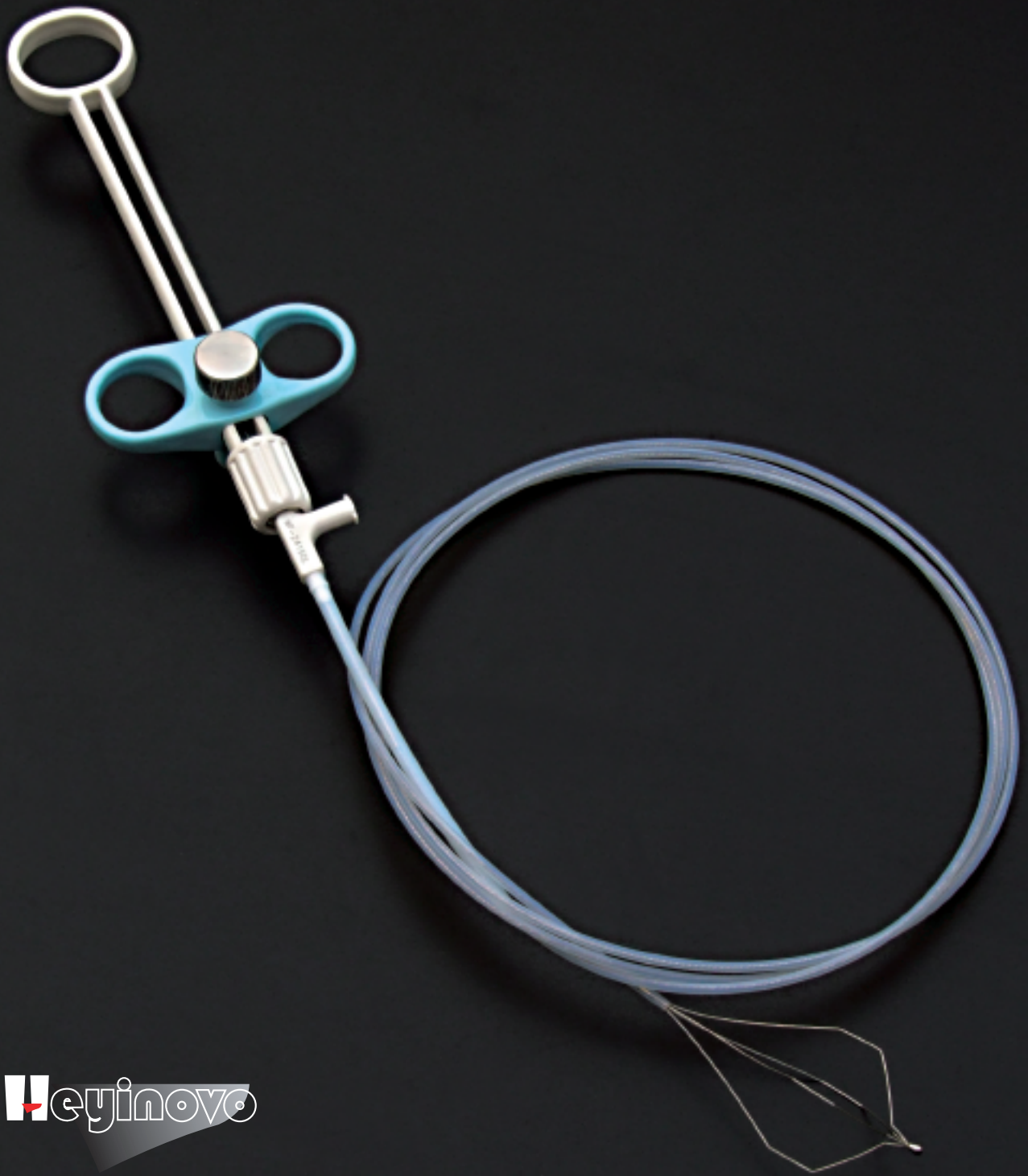
*Endoscope Accessories*



SINGLE USE

REUSABLE





## Fold Angular Basket

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

### Disposable Biopsy Forceps

Disposable Oval Cups Biopsy Forceps	P3
Disposable Oval Cups With Needle Biopsy Forceps	P3
Disposable Alligator Cups Biopsy Forceps	P4
Disposable Alligator Cups With Needle Biopsy Forceps	P4

### Disposable Injection Needle

Disposable Injection Needle	P5
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### Disposable Retrieval Baskets

Disposable Fold Angular Basket (Stainless steel)	P6
Disposable Fold Angular Basket (Nitinol)	P6
Disposable Spirality Basket (Nitinol)	P6
Disposable Ball Basket (Nitinol)	P6

### Disposable Electrosurgical Electrodes

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Disposable Coagulation Electrode	P11
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### Disposable Spray Catheters

Disposable Spray Catheters	P12
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### Disposable Foreign Body Removal

Disposable 3-Prong Type Grasping Forceps	P13
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### Disposable Bite Block

Disposable Bite Block	P14
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### Disposable Cleaning Brushes

Disposable Double Ended Cleaning Brush	P15
Disposable Single Ended Cleaning Brush	P15
Disposable Port Hole Cleaning Brush	P16

### Disposable Cytology Brushes

Disposable Sheath Cytology Brushes	P16
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### Biopsy Forceps (Reusable)

Standard Biopsy Forceps	P17
Oval Fenestrated Cups	P17
Oval Fenestrated Cups With Needle	P17
Alligator Jaws Type Biopsy Forceps	P18
Alligator, Single Moving Cup Biopsy Forceps	P18

### Foreign Body Removal (Reusable)

Alligator Type Grasping Forceps	P19
Rat Tooth Type Grasping Forceps	P19
Rat Tooth With Alligator Jaws Type Grasping Forceps	P19
Pelican Type Grasping Forceps	P19
3-Prong Type Grasping Forceps	P20
Rubber Tips Type Grasping Forceps	P20

### Injection Needle (Reusable)

Injection Needle	P21
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### Retrieval Baskets (Reusable)

Fold Angular Basket (Stainless steel)	P21
Fold Angular Basket (Nitinol)	P22
Spirality Basket (Nitinol)	P22
Ball Basket (Nitinol)	P22

### Electrosurgical Electrodes (Reusable)

Electrosurgical Snare	P23
Coagulation Electrode	P24
Hot Biopsy Forceps	P24
Needle Electrode	P24

### Spray Catheters (Reusable)

Spray Catheters	P25
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### Cleaning Brush (Reusable)

Cleaning Brush	P26
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# Contents

# Disposable Biopsy Forceps

Collect tissue in gut through endoscope.



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## Disposable Oval Cups Biopsy Forceps



Oval, fenestrated cups for deeper biopsy.



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Sterile
WS-1810BT	Ø 1.8 × 1000 (mm)	Ø 2.0 (mm)	●
WS-1815BT	Ø 1.8 × 1500 (mm)	Ø 2.0 (mm)	●
WS-2415BT	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	●
WS-2422BT	Ø 2.4 × 2200 (mm)	Ø 2.8 (mm)	●



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Sterile
WS-2415BTH	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	●
WS-2422BTH	Ø 2.4 × 2200 (mm)	Ø 2.8 (mm)	●

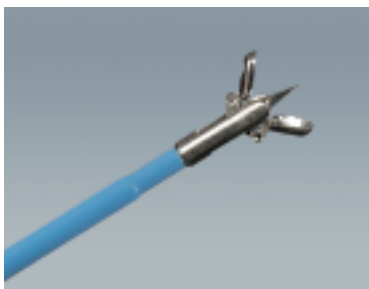
## Disposable Oval Cups With Needle Biopsy Forceps



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



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Sterile
WS-2415BW	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	●
WS-2422BW	Ø 2.4 × 2200 (mm)	Ø 2.8 (mm)	●



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Sterile
WS-2415BWH	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	●
WS-2422BWH	Ø 2.4 × 2200 (mm)	Ø 2.8 (mm)	●

# Disposable Biopsy Forceps

Collect tissue in gut through endoscope.

SINGLE USE

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## Disposable Alligator Cups Biopsy Forceps



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



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Sterile
WS-2415BU	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	●
WS-2422BU	Ø 2.4 × 2200 (mm)	Ø 2.8 (mm)	●



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Sterile
WS-2415BUH	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	●
WS-2422BUH	Ø 2.4 × 2200 (mm)	Ø 2.8 (mm)	●

## Disposable Alligator Cups 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 Diameter & Working Length	Working Channel Diameter	Sterile
WS-2415BN	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	●
WS-2422BN	Ø 2.4 × 2200 (mm)	Ø 2.8 (mm)	●



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Sterile
WS-2415BNH	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	●
WS-2422BNH	Ø 2.4 × 2200 (mm)	Ø 2.8 (mm)	●

# Disposable Injection Needle

Inject medicament into gut tissue through endoscope.

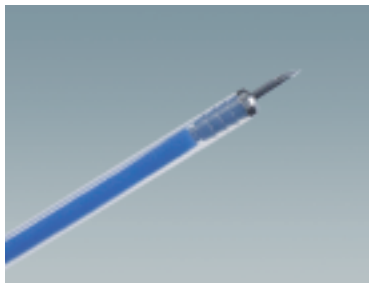


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## Disposable Injection Needle



Stainless steel needle point, Teflon needle inner tube and outer tube.



Item No.	Tube Diameter & Working Length	Needle diameter	Needle length	Working Channel Diameter	Sterile
WS-1816PN2304	Ø 1.8 × 1650 (mm)	23G	4mm	Ø 2.0 (mm)	●
WS-1816PN2504	Ø 1.8 × 1650 (mm)	25G	4mm	Ø 2.0 (mm)	●
WS-1816PN2305	Ø 1.8 × 1650 (mm)	23G	5mm	Ø 2.0 (mm)	●
WS-1816PN2505	Ø 1.8 × 1650 (mm)	25G	5mm	Ø 2.0 (mm)	●
WS-1816PN2306	Ø 1.8 × 1650 (mm)	23G	6mm	Ø 2.0 (mm)	●
WS-1816PN2308	Ø 1.8 × 1650 (mm)	23G	8mm	Ø 2.0 (mm)	●
WS-2416PN2104	Ø 2.4 × 1650 (mm)	21G	4mm	Ø 2.8 (mm)	●
WS-2416PN2304	Ø 2.4 × 1650 (mm)	23G	4mm	Ø 2.8 (mm)	●
WS-2416PN2504	Ø 2.4 × 1650 (mm)	25G	4mm	Ø 2.8 (mm)	●
WS-2416PN2105	Ø 2.4 × 1650 (mm)	21G	5mm	Ø 2.8 (mm)	●
WS-2416PN2505	Ø 2.4 × 1650 (mm)	25G	5mm	Ø 2.8 (mm)	●
WS-2416PN2306	Ø 2.4 × 1650 (mm)	23G	6mm	Ø 2.8 (mm)	●
WS-2416PN2506	Ø 2.4 × 1650 (mm)	25G	6mm	Ø 2.8 (mm)	●
WS-2416PN2108	Ø 2.4 × 1650 (mm)	21G	8mm	Ø 2.8 (mm)	●
WS-2423PN1904	Ø 2.4 × 2300 (mm)	19G	4mm	Ø 2.8 (mm)	●
WS-2423PN2304	Ø 2.4 × 2300 (mm)	23G	4mm	Ø 2.8 (mm)	●
WS-2423PN2504	Ø 2.4 × 2300 (mm)	25G	4mm	Ø 2.8 (mm)	●
WS-2423PN2305	Ø 2.4 × 2300 (mm)	23G	5mm	Ø 2.8 (mm)	●
WS-2423PN2505	Ø 2.4 × 2300 (mm)	25G	5mm	Ø 2.8 (mm)	●
WS-2423PN2306	Ø 2.4 × 2300 (mm)	23G	6mm	Ø 2.8 (mm)	●
WS-2423PN2506	Ø 2.4 × 2300 (mm)	25G	6mm	Ø 2.8 (mm)	●



Item No.	Tube Diameter & Working Length	Needle diameter	Needle length	Working Channel Diameter	Sterile
WS-2416PM2104	Ø 2.4 × 1650 (mm)	21G	4mm	Ø 2.8 (mm)	●
WS-2416PM2304	Ø 2.4 × 1650 (mm)	23G	4mm	Ø 2.8 (mm)	●
WS-2416PM2504	Ø 2.4 × 1650 (mm)	25G	4mm	Ø 2.8 (mm)	●
WS-2416PM2105	Ø 2.4 × 1650 (mm)	21G	5mm	Ø 2.8 (mm)	●
WS-2416PM2505	Ø 2.4 × 1650 (mm)	25G	5mm	Ø 2.8 (mm)	●
WS-2416PM2306	Ø 2.4 × 1650 (mm)	23G	6mm	Ø 2.8 (mm)	●
WS-2416PM2506	Ø 2.4 × 1650 (mm)	25G	6mm	Ø 2.8 (mm)	●
WS-2416PM2108	Ø 2.4 × 1650 (mm)	21G	8mm	Ø 2.8 (mm)	●
WS-2423PM2304	Ø 2.4 × 2300 (mm)	23G	4mm	Ø 2.8 (mm)	●
WS-2423PM2504	Ø 2.4 × 2300 (mm)	25G	4mm	Ø 2.8 (mm)	●
WS-2423PM2305	Ø 2.4 × 2300 (mm)	23G	5mm	Ø 2.8 (mm)	●
WS-2423PM2505	Ø 2.4 × 2300 (mm)	25G	5mm	Ø 2.8 (mm)	●
WS-2423PM2306	Ø 2.4 × 2300 (mm)	23G	6mm	Ø 2.8 (mm)	●
WS-2423PM2506	Ø 2.4 × 2300 (mm)	25G	6mm	Ø 2.8 (mm)	●

# Disposable Retrieval Baskets

Grasp foreign body and cut stone through endoscope.

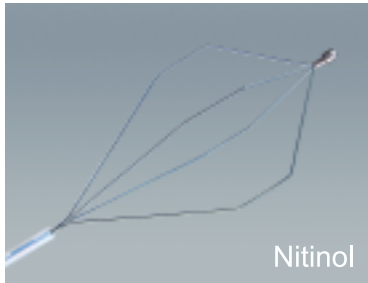
SINGLE USE

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## Disposable Fold Angular Basket



Useful for retrieving round and slippery objects.



Nitinol

Item No.	Tube Diameter & Working Length	Working Channel Diameter	Opening width	Sterile
WS-1807GL415	Ø 1.8 × 700 (mm)	Ø 2.0 (mm)	15 mm	●
WS-1810GL420	Ø 1.8 × 1000 (mm)	Ø 2.0 (mm)	20 mm	●
WS-1819GL420	Ø 1.8 × 1900 (mm)	Ø 2.0 (mm)	20 mm	●
WS-2415GL430	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	30 mm	●
WS-2419GL420	Ø 2.4 × 1900 (mm)	Ø 2.8 (mm)	20 mm	●
WS-2423GL430	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	30 mm	●



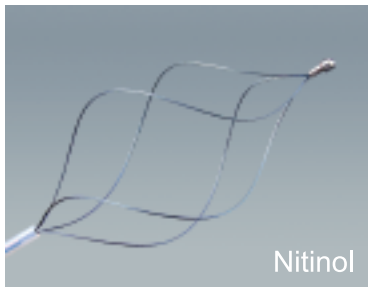
Stainless steel

Item No.	Tube Diameter & Working Length	Working Channel Diameter	Opening width	Sterile
WS-1807GL015	Ø 1.8 × 700 (mm)	Ø 2.0 (mm)	15 mm	●
WS-1810GL020	Ø 1.8 × 1000 (mm)	Ø 2.0 (mm)	20 mm	●
WS-1819GL020	Ø 1.8 × 1900 (mm)	Ø 2.0 (mm)	20 mm	●
WS-2415GL030	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	30 mm	●
WS-2419GL020	Ø 2.4 × 1900 (mm)	Ø 2.8 (mm)	20 mm	●
WS-2423GL035	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	35 mm	●

## Disposable Spirality Basket



Idea for the retrieval of foreign bodies.



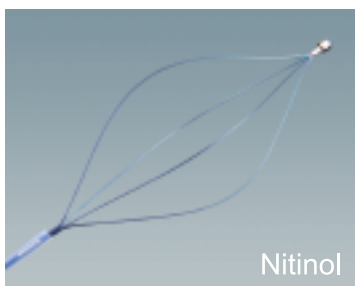
Nitinol

Item No.	Tube Diameter & Working Length	Working Channel Diameter	Opening width	Sterile
WS-1807GL515	Ø 1.8 × 700 (mm)	Ø 2.0 (mm)	15 mm	●
WS-1810GL520	Ø 1.8 × 1000 (mm)	Ø 2.0 (mm)	20 mm	●
WS-1819GL520	Ø 1.8 × 1900 (mm)	Ø 2.0 (mm)	20 mm	●
WS-2415GL530	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	30 mm	●
WS-2419GL520	Ø 2.4 × 1900 (mm)	Ø 2.8 (mm)	20 mm	●
WS-2423GL530	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	30 mm	●

## Disposable Ball Basket



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



Nitinol

Item No.	Tube Diameter & Working Length	Working Channel Diameter	Opening width	Sterile
WS-1807GL615	Ø 1.8 × 700 (mm)	Ø 2.0 (mm)	15 mm	●
WS-1810GL620	Ø 1.8 × 1000 (mm)	Ø 2.0 (mm)	20 mm	●
WS-1819GL620	Ø 1.8 × 1900 (mm)	Ø 2.0 (mm)	20 mm	●
WS-2415GL630	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	30 mm	●
WS-2419GL620	Ø 2.4 × 1900 (mm)	Ø 2.8 (mm)	20 mm	●
WS-2423GL630	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	30 mm	●

# Disposable Electrosurgical Electrodes

Connect high-frequency generator electrical cutting and coagulation polyp tissue through endoscope.

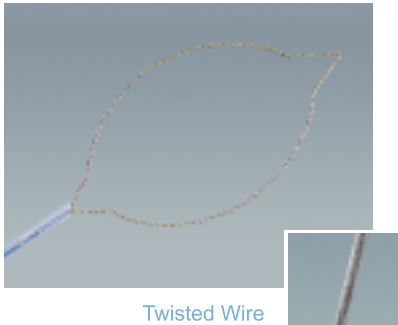


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## Disposable Electrosurgical Snare

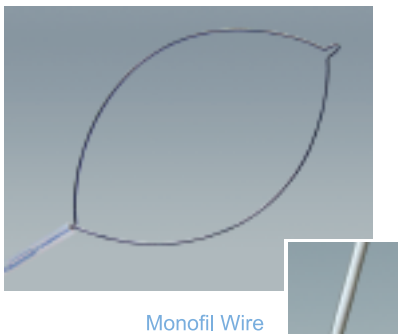


Cut polyp with high-frequency current.



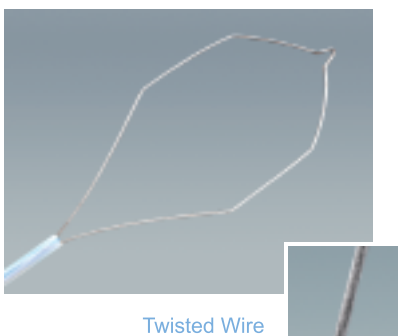
Item No.	Tube Diameter & Working Length	Working Channel Diameter	Loop Diameter	Sterile
WS-2416DT15	Ø 2.4 × 1650 (mm)	Ø 2.8 (mm)	15 mm	●
WS-2423DT15	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	15 mm	●
WS-2416DT20	Ø 2.4 × 1650 (mm)	Ø 2.8 (mm)	20 mm	●
WS-2423DT20	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	20 mm	●
WS-2416DT25	Ø 2.4 × 1650 (mm)	Ø 2.8 (mm)	25 mm	●
WS-2423DT25	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	25 mm	●

\* Max. Loop Diameter Ø35 mm

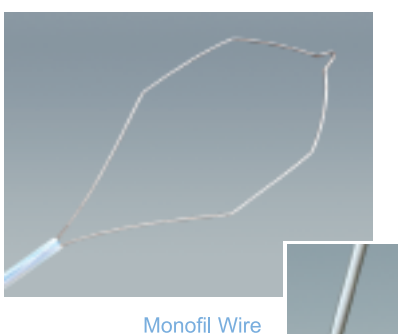


Item No.	Tube Diameter & Working Length	Working Channel Diameter	Loop Diameter	Sterile
WS-S2416DT15	Ø 2.4 × 1650 (mm)	Ø 2.8 (mm)	15 mm	●
WS-S2423DT15	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	15 mm	●
WS-S2416DT20	Ø 2.4 × 1650 (mm)	Ø 2.8 (mm)	20 mm	●
WS-S2423DT20	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	20 mm	●
WS-S2416DT25	Ø 2.4 × 1650 (mm)	Ø 2.8 (mm)	25 mm	●
WS-S2423DT25	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	25 mm	●

\* Max. Loop Diameter Ø35 mm



Item No.	Tube Diameter & Working Length	Working Channel Diameter	Loop Diameter	Sterile
WS-2416DL15	Ø 2.4 × 1650 (mm)	Ø 2.8 (mm)	15 mm	●
WS-2423DL15	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	15 mm	●
WS-2423DL20	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	20 mm	●
WS-2416DL25	Ø 2.4 × 1650 (mm)	Ø 2.8 (mm)	25 mm	●
WS-2423DL25	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	25 mm	●



Item No.	Tube Diameter & Working Length	Working Channel Diameter	Loop Diameter	Sterile
WS-S2416DL25	Ø 2.4 × 1650 (mm)	Ø 2.8 (mm)	25 mm	●
WS-S2423DL25	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	25 mm	●



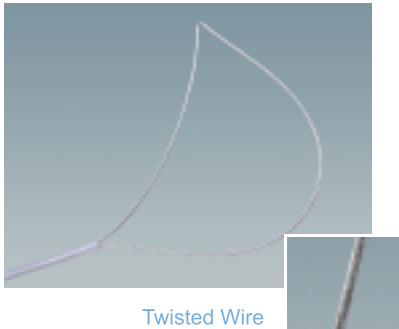
# Disposable Electrosurgical Electrodes

Connect high-frequency generator electrical cutting and coagulation polyp tissue through endoscope.

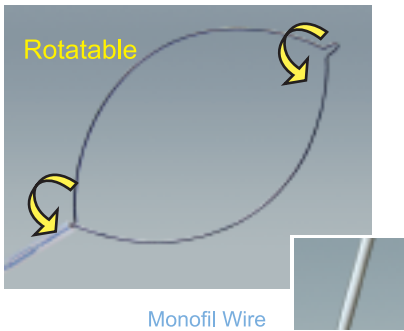


## Disposable Electrosurgical Snare ②

Cut polyp with high-frequency current.

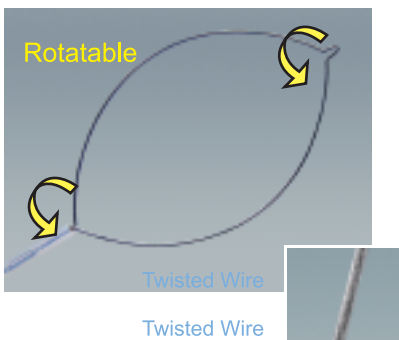


Item No.	Tube Diameter & Working Length	Working Channel Diameter	Loop Diameter	Sterile
WS-1819DB15	Ø 1.8×1900 (mm)	Ø 2.0 (mm)	15 mm	●
WS-2416DB15	Ø 2.4×1650 (mm)	Ø 2.8 (mm)	15 mm	●
WS-2423DB15	Ø 2.4×2300 (mm)	Ø 2.8 (mm)	15 mm	●
WS-1819DB25	Ø 1.8×1900 (mm)	Ø 2.0 (mm)	25 mm	●
WS-2416DB25	Ø 2.4×1650 (mm)	Ø 2.8 (mm)	25 mm	●
WS-2423DB25	Ø 2.4×2300 (mm)	Ø 2.8 (mm)	25 mm	●



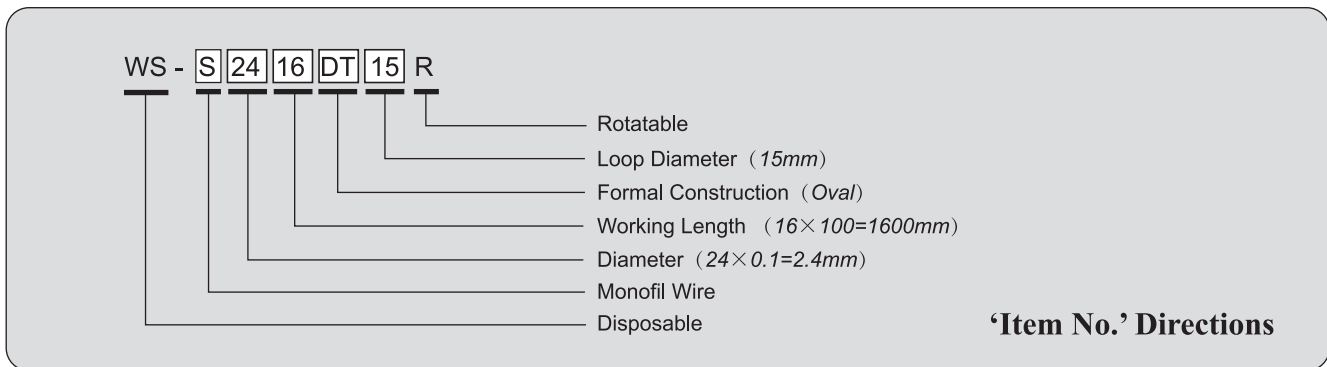
Item No.	Tube Diameter & Working Length	Working Channel Diameter	Loop Diameter	Sterile
WS-S2416DT15R	Ø 2.4×1650 (mm)	Ø 2.8 (mm)	15 mm	●
WS-S2423DT15R	Ø 2.4×2300 (mm)	Ø 2.8 (mm)	15 mm	●
WS-S2416DT20R	Ø 2.4×1650 (mm)	Ø 2.8 (mm)	20 mm	●
WS-S2423DT20R	Ø 2.4×2300 (mm)	Ø 2.8 (mm)	20 mm	●
WS-S2416DT25R	Ø 2.4×1650 (mm)	Ø 2.8 (mm)	25 mm	●
WS-S2423DT25R	Ø 2.4×2300 (mm)	Ø 2.8 (mm)	25 mm	●

\* Max. Loop Diameter Ø35 mm



Item No.	Tube Diameter & Working Length	Working Channel Diameter	Loop Diameter	Sterile
WS-2416DT15R	Ø 2.4×1650 (mm)	Ø 2.8 (mm)	15 mm	●
WS-2423DT15R	Ø 2.4×2300 (mm)	Ø 2.8 (mm)	15 mm	●
WS-2416DT20R	Ø 2.4×1650 (mm)	Ø 2.8 (mm)	20 mm	●
WS-2423DT20R	Ø 2.4×2300 (mm)	Ø 2.8 (mm)	20 mm	●
WS-2416DT25R	Ø 2.4×1650 (mm)	Ø 2.8 (mm)	25 mm	●
WS-2423DT25R	Ø 2.4×2300 (mm)	Ø 2.8 (mm)	25 mm	●

\* Max. Loop Diameter Ø35 mm



# Disposable Electrosurgical Electrodes

Connect high-frequency generator electrical cutting and coagulation polyp tissue through endoscope.



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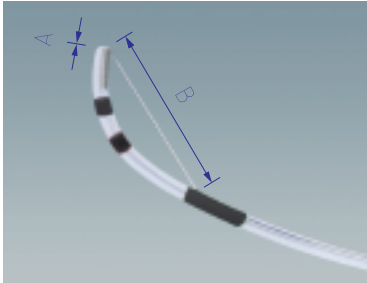
## Sphincterotomes / Papillotome (One lumen)



Working Length: 2100mm

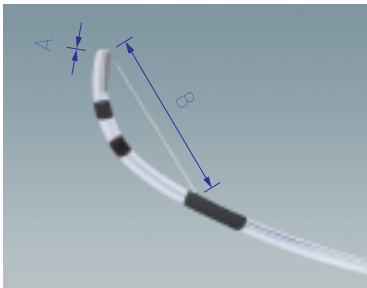
Working Channel:  $\geq \varnothing 2.8\text{mm}$

Guide wire Diameter: 0.035inch



Monofil Wire

Item No.	A	B	Sterile
WS-0020DJ1	0 (mm)	20 (mm)	●
WS-0025DJ1	0 (mm)	25 (mm)	●
WS-0030DJ1	0 (mm)	30 (mm)	●



Twisted Wire

Item No.	A	B	Sterile
WS-0020DJ1-B	0 (mm)	20 (mm)	●
WS-0025DJ1-B	0 (mm)	25 (mm)	●
WS-0030DJ1-B	0 (mm)	30 (mm)	●

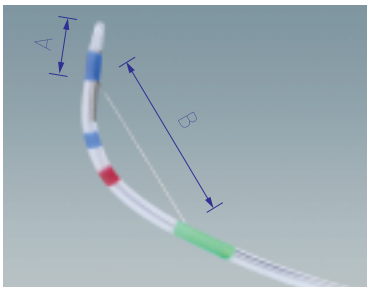
## Sphincterotomes / Papillotome (double lumen)



Working Length: 2100mm

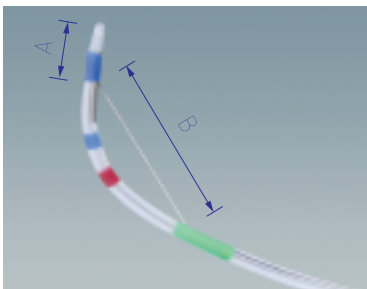
Working Channel:  $\geq \varnothing 2.8\text{mm}$

Guide wire Diameter: 0.035inch



Monofil Wire

Item No.	A	B	Sterile
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-3020DJ2	30 (mm)	20 (mm)	●
WS-3025DJ2	30 (mm)	25 (mm)	●
WS-3030DJ2	30 (mm)	30 (mm)	●



Twisted Wire

Item No.	A	B	Sterile
WS-0020DJ2-B	0 (mm)	20 (mm)	●
WS-0025DJ2-B	0 (mm)	25 (mm)	●
WS-0030DJ2-B	0 (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-3020DJ2-B	30 (mm)	20 (mm)	●
WS-3025DJ2-B	30 (mm)	25 (mm)	●
WS-3030DJ2-B	30 (mm)	30 (mm)	●

# Disposable Electrosurgical Electrodes

Connect high-frequency generator electrical cutting and coagulation polyp tissue through endoscope.

SINGLE USE

CE 0197

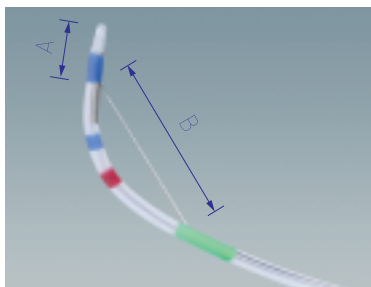
## Sphincterotomes / Papillotome (triple lumen)



Working Length: 2100mm

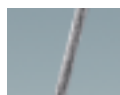
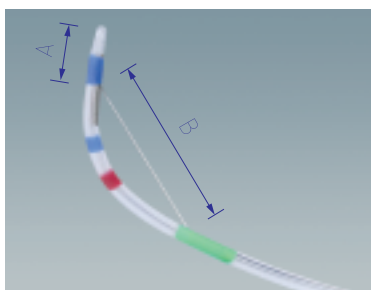
Working Channel:  $\geq \varnothing 2.8\text{mm}$

Guide wire Diameter: 0.035inch



Monofil Wire

Item No.	A	B	Sterile
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)	●



Twisted Wire

Item No.	A	B	Sterile
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)	●

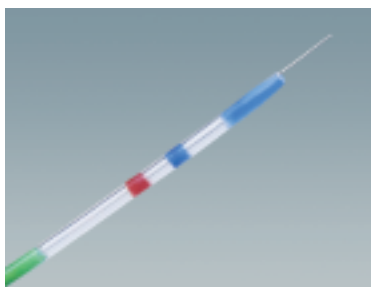
## Disposable Needle Electrode (triple lumen)



Cut tissue with high-frequency current

Needle length: 5~10mm

Guide wire Diameter: 0.035inch



Item No.	Tube Diameter & Working Length	Working Channel Diameter	Needle length	Sterile
WS-2421DZ05	$\varnothing 2.4 \times 2100$ (mm)	$\varnothing 2.8$ (mm)	5 mm	●
WS-2421DZ07	$\varnothing 2.4 \times 2100$ (mm)	$\varnothing 2.8$ (mm)	7 mm	●
WS-2421DZ10	$\varnothing 2.4 \times 2100$ (mm)	$\varnothing 2.8$ (mm)	10 mm	●

## Disposable Sheath Cytology Brushes



Cut tissue with high-frequency current

Needle length: 5~10mm

Guide wire Diameter: 0.035inch



Item No.	Sterile
WS-2521XD2	●

# Disposable Electrosurgical Electrodes

Connect high-frequency generator electrical cutting and coagulation polyp tissue through endoscope.

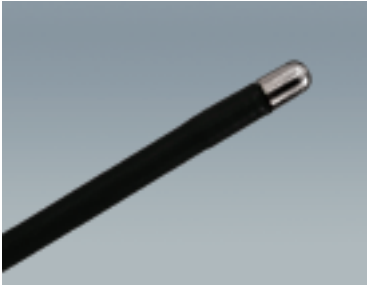


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## Disposable Coagulation Electrode



For coagulation of small blood vessels. Exchangeable coagulation tips.



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Sterile
WS-1810DQ	Ø 1.8×1000 (mm)	Ø 2.0 (mm)	●
WS-1815DQ	Ø 1.8×1500 (mm)	Ø 2.0 (mm)	●
WS-2415DQ	Ø 2.4×1500 (mm)	Ø 2.8 (mm)	●
WS-2423DQ	Ø 2.4×2300 (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.



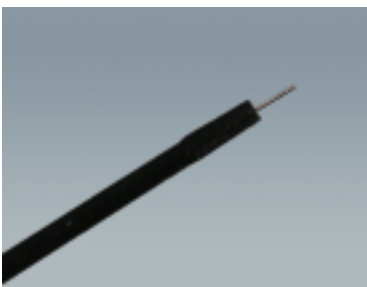
Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Sterile
WS-2415DG	Ø 2.4×1500 (mm)	Ø 2.8 (mm)	●
WS-2423DG	Ø 2.4×2300 (mm)	Ø 2.8 (mm)	●

\* Other specification can be customized according to requirement.

## Disposable Needle Electrode



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



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Sterile
WS-2415DZ	Ø 2.4×1500 (mm)	Ø 2.8 (mm)	●

# Disposable Spray Catheters

SINGLE USE

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## Disposable Spray Catheters



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Sterile
WS-1810PA	Ø 1.8 × 1000 (mm)	Ø 2.0 (mm)	●
WS-1818PA	Ø 1.8 × 1800 (mm)	Ø 2.0 (mm)	●
WS-2418PA	Ø 2.4 × 1800 (mm)	Ø 2.8 (mm)	●
WS-2423PA	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	●



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Sterile
WS-2418PB	Ø 2.4 × 1800 (mm)	Ø 2.8 (mm)	●
WS-2423PB	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	●

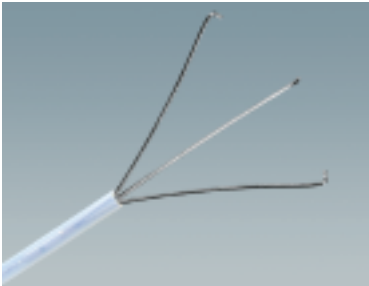


Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Sterile
WS-1818PC	Ø 1.8 × 1800 (mm)	Ø 2.0 (mm)	●
WS-1825PC	Ø 1.8 × 2500 (mm)	Ø 2.0 (mm)	●
WS-2418PC	Ø 2.4 × 1800 (mm)	Ø 2.8 (mm)	●

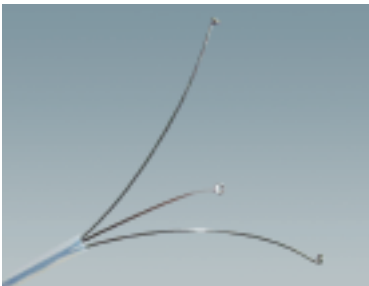
## Disposable 3-Prong Type Grasping Forceps



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



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Sterile
WS-2418GM3G	Ø 2.4 × 1800 (mm)	Ø 2.8 (mm)	●
WS-2423GM3G	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	●



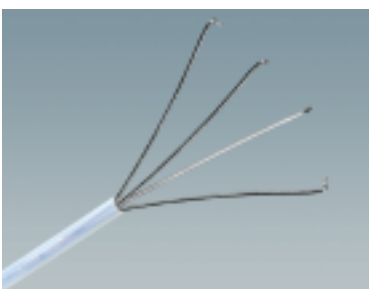
With Loop

Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Sterile
WS-2418GM3Q	Ø 2.4 × 1800 (mm)	Ø 2.8 (mm)	●
WS-2423GM3Q	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	●

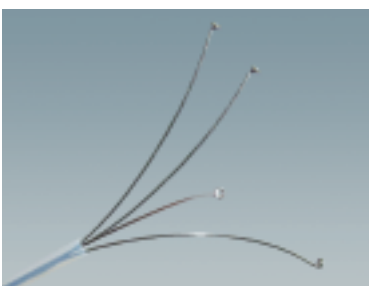
## Disposable 4-Prong Type Grasping Forceps



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



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Sterile
WS-2418GM4G	Ø 2.4 × 1800 (mm)	Ø 2.8 (mm)	●
WS-2423GM4G	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	●



With Loop

Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Sterile
WS-2418GM4Q	Ø 2.4 × 1800 (mm)	Ø 2.8 (mm)	●
WS-2423GM4Q	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	●

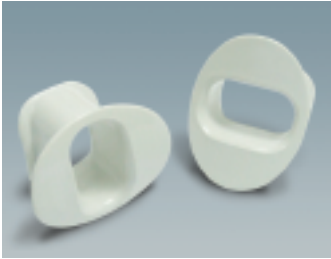
Disposable

Bite Block  
Biopsy Valve

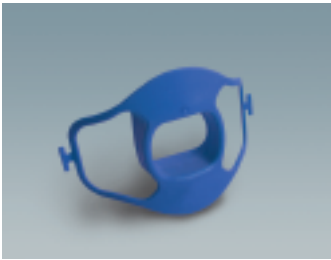
SINGLE USE

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Disposable Bite Block



Item No.	Max. Size	Sterile
WS-YO-01	16 mm	
WS-YO-01E	16 mm	●



Item No.	Max. Size	Sterile
WS-YO-02	20 mm	
WS-YO-02E	20 mm	●



Item No.	Max. Size	Sterile
WS-YO-03	20 mm	
WS-YO-03E	20 mm	●

# Disposable Cleaning Brushes

Clean endoscope working channel, port hole.



## Disposable Double Ended Cleaning Brush



Channel cleaning brush.



Item No.	Brush Diameter & Working Length	Working Channel Diameter	Sterile
WS-1818WA	Ø 5.5×1800 (mm)	2.8~4.2 (mm)	
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-0910WC	Ø 2.0×1000 (mm)	1.2 (mm)	



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



Item No.	Brush Diameter & Working Length	Working Channel Diameter	Sterile
WS-1818WA(P)	Ø 5.5×1800 (mm)	2.8~4.2 (mm)	
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-0910WC(P)	Ø 2.0×1000 (mm)	1.2 (mm)	
WS-1823WA(P)/D	Ø 5.5/10×2300 (mm)	2.8~4.2 (mm)	

## Disposable Single Ended Cleaning Brush



Channel cleaning brush.



Item No.	Brush Diameter & Working Length	Working Channel Diameter	Sterile
WS-1818VA	Ø 5.5×1800 (mm)	2.8~4.2 (mm)	
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-0910VC	Ø 2.0×1000 (mm)	1.2 (mm)	



Item No.	Brush Diameter & Working Length	Working Channel Diameter	Sterile
WS-1818VG	Ø 5.5×1800 (mm)	2.8~4.2 (mm)	
WS-1822VG	Ø 5.5×2200 (mm)	2.8~4.2 (mm)	
WS-1510VH	Ø 3.0×1000 (mm)	2.0~2.2 (mm)	



Item No.	Brush Diameter & Working Length	Working Channel Diameter	Sterile
WS-1818VA(P)	Ø 5.5×1800 (mm)	2.8~4.2 (mm)	
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-0910VC(P)	Ø 2.0×1000 (mm)	1.2 (mm)	



# Disposable Cleaning Brushes / Disposable Cytology Brushes

Collect mucous membrane cell through endoscope.

SINGLE USE



## Disposable Port Hole Cleaning Brush



Port hole cleaning brush.



Item No.	Brush Diameter & Working Length	Sterile
WS-1001W1	Ø 10×100 (mm)	



Item No.	Brush Diameter & Working Length	Sterile
WS-1001W2	Ø 10×100 (mm)	

## Disposable Sheath Cytology Brushes



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



Item No.	Tube Diameter & Working Length	Brush the Hair in Diameter	Working Channel Diameter	Sterile
WS-1810XA2	Ø 1.8×1000 (mm)	Ø 2 (mm)	2.0 (mm)	●
WS-1816XA2	Ø 1.8×1600 (mm)	Ø 2(mm)	2.0 (mm)	●
WS-1816XA3	Ø 1.8×1600 (mm)	Ø 3 (mm)	2.0 (mm)	●
WS-2416XA3	Ø 2.4×1600 (mm)	Ø 3 (mm)	2.8 (mm)	●
WS-2416XA5	Ø 2.4×1600 (mm)	Ø 5 (mm)	2.8 (mm)	●
WS-2423XA3	Ø 2.4×2300 (mm)	Ø 3 (mm)	2.8 (mm)	●
WS-2423XA5	Ø 2.4×2300 (mm)	Ø 5 (mm)	2.8 (mm)	●



Item No.	Tube Diameter & Working Length	Brush the Hair in Diameter	Working Channel Diameter	Sterile
WS-1810XB	Ø 1.8×1000 (mm)		2.0 (mm)	●
WS-1816XB	Ø 1.8×1600 (mm)		2.0 (mm)	●
WS-2416XB	Ø 2.4×1600 (mm)		2.8 (mm)	●
WS-2423XB	Ø 2.4×2300 (mm)		2.8 (mm)	●

# Disposable Cytology Brushes

Collect mucous membrane cell through endoscope.

SINGLE USE



# Biopsy Forceps (Reusable)

Collect tissue in gut through endoscope.

REUSABLE



## Standard Biopsy Forceps

Autoclavable 134°C

Standard, round and fenestrated cups for minimal tissue damage.



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Autoclavable
WF-1807BS	Ø 1.8 × 700 (mm)	Ø 2.0 (mm)	●
WF-1810BS	Ø 1.8 × 1000 (mm)	Ø 2.0 (mm)	●
WF-1815BS	Ø 1.8 × 1500 (mm)	Ø 2.0 (mm)	●
WF-1825BS	Ø 1.8 × 2500 (mm)	Ø 2.0 (mm)	●
WF-2415BS	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	●
WF-2423BS	Ø 2.4 × 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 biopsy.



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Autoclavable
W	Ø 1.8 × 700 (mm)	Ø 2.0 (mm)	●
F-1807BT	Ø 1.8 × 1000 (mm)	Ø 2.0 (mm)	●
WF-1810BT	Ø 1.8 × 1500 (mm)	Ø 2.0 (mm)	●
WF-1815BT	Ø 1.8 × 2500 (mm)	Ø 2.0 (mm)	●
WF-1825BT	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	●
WF-2415BT	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	●

\* Other specification can be customized according to requirement.

## Oval Fenestrated Cups With Needle

Autoclavable 134°C

Oval, fenestrated cups with needle for accurate targeting, no sliding. Desinged to minimize tissne damage.



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Autoclavable
WF-2415BW	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	●
WF-2423BW	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	●

\* Other specification can be customized according to requirement.

# Biopsy Forceps (Reusable)

Collect tissue in gut through endoscope.

REUSABLE



## Alligator Jaws Type Biopsy Forceps

Autoclavable 134°C

Standard, alligator jaws cups for tissue collection on tumour.



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Autoclavable
WF-1807BU	Ø 1.8 × 700 (mm)	Ø 2.0 (mm)	●
WF-1810BU	Ø 1.8 × 1000 (mm)	Ø 2.0 (mm)	●
WF-1815BU	Ø 1.8 × 1500 (mm)	Ø 2.0 (mm)	●
WF-1825BU	Ø 1.8 × 2500 (mm)	Ø 2.0 (mm)	●
WF-2415BU	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	●
WF-2423BU	Ø 2.4 × 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 Diameter & Working Length	Working Channel Diameter	Autoclavable
WF-1807BV	Ø 1.8 × 700 (mm)	Ø 2.0 (mm)	●
WF-1810BV	Ø 1.8 × 1000 (mm)	Ø 2.0 (mm)	●
WF-1815BV	Ø 1.8 × 1500 (mm)	Ø 2.0 (mm)	●
WF-1825BV	Ø 1.8 × 2500 (mm)	Ø 2.0 (mm)	●
WF-2415BV	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	●
WF-2423BV	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	●

\* Other specification can be customized according to requirement.

## Alligator Type Grasping Forceps

Autoclavable 134°C

Alligator jaws for sharp edged objects.



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Autoclavable
WF-1807GH	Ø 1.8 × 700 (mm)	Ø 2.0 (mm)	●
WF-1810GH	Ø 1.8 × 1000 (mm)	Ø 2.0 (mm)	●
WF-1815GH	Ø 1.8 × 1500 (mm)	Ø 2.0 (mm)	●
WF-1825GH	Ø 1.8 × 2500 (mm)	Ø 2.0 (mm)	●
WF-2415GH	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	●
WF-2423GH	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	●

# Foreign Body Removal (Reusable)

Grasp foreign body through endoscope.

REUSABLE



# Foreign Body Removal (Reusable)

Grasp foreign body through endoscope.

REUSABLE



## Rat Tooth Type Grasping Forceps

Autoclavable 134°C

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



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Autoclavable
WF-1807GI	Ø 1.8 × 700 (mm)	Ø 2.0 (mm)	●
WF-1810GI	Ø 1.8 × 1000 (mm)	Ø 2.0 (mm)	●
WF-1815GI	Ø 1.8 × 1500 (mm)	Ø 2.0 (mm)	●
WF-1825GI	Ø 1.8 × 2500 (mm)	Ø 2.0 (mm)	●
WF-2415GI	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	●
WF-2423GI	Ø 2.4 × 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 Diameter & Working Length	Working Channel Diameter	Autoclavable
WF-1807GJ	Ø 1.8 × 700 (mm)	Ø 2.0 (mm)	●
WF-1810GJ	Ø 1.8 × 1000 (mm)	Ø 2.0 (mm)	●
WF-1815GJ	Ø 1.8 × 1500 (mm)	Ø 2.0 (mm)	●
WF-1825GJ	Ø 1.8 × 2500 (mm)	Ø 2.0 (mm)	●
WF-2415GJ	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	●
WF-2423GJ	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	●

## Pelican Type Grasping Forceps

Autoclavable 134°C

For big object. Opening width: 15 mm.



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Autoclavable
WF-1807GK	Ø 1.8 × 700 (mm)	Ø 2.0 (mm)	●
WF-1810GK	Ø 1.8 × 1000 (mm)	Ø 2.0 (mm)	●
WF-1815GK	Ø 1.8 × 1500 (mm)	Ø 2.0 (mm)	●
WF-1825GK	Ø 1.8 × 2500 (mm)	Ø 2.0 (mm)	●
WF-2415GK	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	●
WF-2423GK	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	●

# Foreign Body Removal (Reusable)

Grasp foreign body through endoscope.

REUSABLE



## 3-Prong Type Grasping Forceps

Autoclavable 134°C

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



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Autoclavable
WF-1807GM3G	Ø 1.8 × 700 (mm)	Ø 2.0 (mm)	●
WF-1810GM3G	Ø 1.8 × 1000 (mm)	Ø 2.0 (mm)	●
WF-1815GM3G	Ø 1.8 × 1500 (mm)	Ø 2.0 (mm)	●
WF-1825GM3G	Ø 1.8 × 2500 (mm)	Ø 2.0 (mm)	●
WF-2415GM3G	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	●
WF-2423GM3G	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	●



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Autoclavable
WF-1807GM3Q	Ø 1.8 × 700 (mm)	Ø 2.0 (mm)	●
WF-1810GM3Q	Ø 1.8 × 1000 (mm)	Ø 2.0 (mm)	●
WF-1815GM3Q	Ø 1.8 × 1500 (mm)	Ø 2.0 (mm)	●
WF-1825GM3Q	Ø 1.8 × 2500 (mm)	Ø 2.0 (mm)	●
WF-2415GM3Q	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	●
WF-2423GM3Q	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	●

## Rubber Tips Type Grasping Forceps

Autoclavable 134°C

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



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Autoclavable
WF-1807GN	Ø 1.8 × 700 (mm)	Ø 2.0 (mm)	●
WF-1810GN	Ø 1.8 × 1000 (mm)	Ø 2.0 (mm)	●
WF-1815GN	Ø 1.8 × 1500 (mm)	Ø 2.0 (mm)	●
WF-1825GN	Ø 1.8 × 2500 (mm)	Ø 2.0 (mm)	●
WF-2415GN	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	●
WF-2423GN	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	●

# Injection Needle (Reusable)

Inject medicament into gut tissue through endoscope.



## Injection Needle

Autoclavable **134°C**

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



Item No.	Tube Diameter & Working Length	Needle Diameter	Needle length	Working Channel Diameter	Autoclavable
WF-1816PM2304	Ø 1.8 × 1650 (mm)	23G	4 mm	Ø 2.0 (mm)	●
WF-1816PM2306	Ø 1.8 × 1650 (mm)	23G	6 mm	Ø 2.0 (mm)	●
WF-2416PM2104	Ø 2.4 × 1650 (mm)	21G	4 mm	Ø 2.8 (mm)	●
WF-2416PM2106	Ø 2.4 × 1650 (mm)	21G	6 mm	Ø 2.8 (mm)	●
WF-2416PM2306	Ø 2.4 × 1650 (mm)	23G	6 mm	Ø 2.8 (mm)	●
WF-2423PM2104	Ø 2.4 × 2300 (mm)	21G	4 mm	Ø 2.8 (mm)	●
WF-2423PM2106	Ø 2.4 × 2300 (mm)	21G	6 mm	Ø 2.8 (mm)	●
WF-2423PM2304	Ø 2.4 × 2300 (mm)	23G	4 mm	Ø 2.8 (mm)	●
WF-2423PM2306	Ø 2.4 × 2300 (mm)	23G	6 mm	Ø 2.8 (mm)	●

## Fold Angular Basket (Stainless steel)

Autoclavable **134°C**

Useful for retrieving round and slippery objects.



Item No.	Tube Diameter & Working Length	Working Channel Diameter	Opening width	Autoclavable
WF-1807GL015	Ø 1.8 × 700 (mm)	Ø 2.0 (mm)	15 mm	●
WF-1810GL020	Ø 1.8 × 1000 (mm)	Ø 2.0 (mm)	20 mm	●
WF-1819GL020	Ø 1.8 × 1900 (mm)	Ø 2.0 (mm)	20 mm	●
WF-2415GL030	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	30 mm	●
WF-2419GL020	Ø 2.4 × 1900 (mm)	Ø 2.8 (mm)	20 mm	●
WF-2423GL035	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	35 mm	●

\* Other specification can be customized according to requirement.

# Retrieval Baskets (Reusable)

Grasp foreign body through endoscope.



# Retrieval Baskets (Reusable)

Grasp foreign body through endoscope.

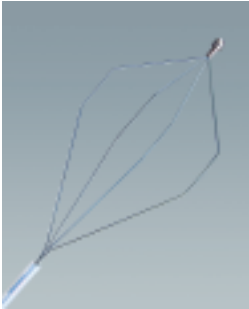
REUSABLE



## Fold Angular Basket (Nitinol)

Autoclavable 134°C

Useful for retrieving round and slippery objects.



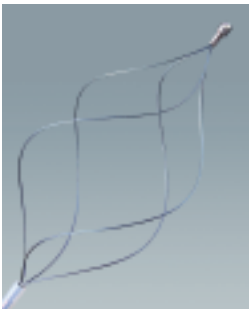
Item No.	Tube Diameter & Working Length	Working Channel Diameter	Opening width	Autoclavable
WF-1807GL415	Ø 1.8 × 700 (mm)	Ø 2.0 (mm)	15 mm	●
WF-1810GL420	Ø 1.8 × 1000 (mm)	Ø 2.0 (mm)	20 mm	●
WF-1819GL420	Ø 1.8 × 1900 (mm)	Ø 2.0 (mm)	20 mm	●
WF-2415GL430	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	30 mm	●
WF-2419GL420	Ø 2.4 × 1900 (mm)	Ø 2.8 (mm)	20 mm	●
WF-2423GL430	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	30 mm	●

\* Other specification can be customized according to requirement.

## Spirality Basket (Nitinol)

Autoclavable 134°C

Idea for the retrieval of foreign bodies.



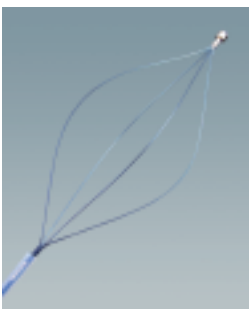
Item No.	Tube Diameter & Working Length	Working Channel Diameter	Opening width	Autoclavable
WF-1807GL515	Ø 1.8 × 700 (mm)	Ø 2.0 (mm)	15 mm	●
WF-1810GL520	Ø 1.8 × 1000 (mm)	Ø 2.0 (mm)	20 mm	●
WF-1819GL520	Ø 1.8 × 1900 (mm)	Ø 2.0 (mm)	20 mm	●
WF-2415GL530	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	30 mm	●
WF-2419GL520	Ø 2.4 × 1900 (mm)	Ø 2.8 (mm)	20 mm	●
WF-2423GL530	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	30 mm	●

\* Other specification can be customized according to requirement.

## Ball Basket (Nitinol)

Autoclavable 134°C

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



Item No.	Tube Diameter & Working Length	Working Channel Diameter	Opening width	Autoclavable
WF-1807GL615	Ø 1.8 × 700 (mm)	Ø 2.0 (mm)	15 mm	●
WF-1810GL620	Ø 1.8 × 1000 (mm)	Ø 2.0 (mm)	20 mm	●
WF-1819GL620	Ø 1.8 × 1900 (mm)	Ø 2.0 (mm)	20 mm	●
WF-2415GL630	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	30 mm	●
WF-2419GL620	Ø 2.4 × 1900 (mm)	Ø 2.8 (mm)	20 mm	●
WF-2423GL630	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	30 mm	●

\* Other specification can be customized according to requirement.

# Electrosurgical Electrodes (Reusable)

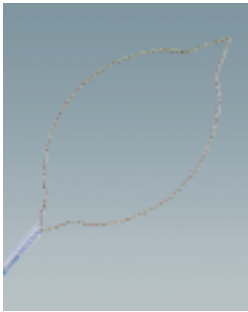
Connect high-frequency generator electrical cutting and coagulation polyp tissue through endoscope.



## Electrosurgical Snare

Autoclavable 134°C

Cut polyp with high-frequency current.



Item No.	Tube Diameter & Working Length	Working Channel Diameter	Loop Diameter	Autoclavable
WF-2416DT15	Ø 2.4 × 1650 (mm)	Ø 2.8 (mm)	15 mm	●
WF-2423DT15	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	15 mm	●
WF-2416DT20	Ø 2.4 × 1650 (mm)	Ø 2.8 (mm)	20 mm	●
WF-2423DT20	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	20 mm	●
WF-2416DT25	Ø 2.4 × 1650 (mm)	Ø 2.8 (mm)	25 mm	●
WF-2423DT25	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	25 mm	●
WF-2416DT30	Ø 2.4 × 1650 (mm)	Ø 2.8 (mm)	30 mm	●
WF-2423DT30	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	30 mm	●

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



Item No.	Tube Diameter & Working Length	Working Channel Diameter	Loop Diameter	Autoclavable
WF-1819DL20	Ø 1.8 × 1900 (mm)	Ø 2.0 (mm)	20 mm	●
WF-2416DL25	Ø 2.4 × 1650 (mm)	Ø 2.8 (mm)	25 mm	●
WF-2423DL25	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	25 mm	●

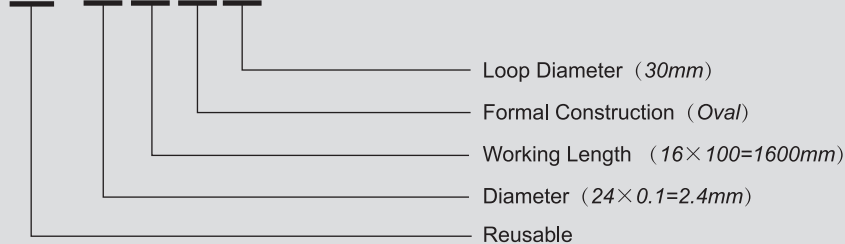
Standard package: 1pc WSD Handle, 2pcs Snares.



Item No.	Tube Diameter & Working Length	Working Channel Diameter	Loop Diameter	Autoclavable
WF-1819DB13	Ø 1.8 × 1900 (mm)	Ø 2.0 (mm)	13 mm	●
WF-1819DB22	Ø 1.8 × 1900 (mm)	Ø 2.0 (mm)	22 mm	●
WF-2416DB22	Ø 2.4 × 1650 (mm)	Ø 2.8 (mm)	22 mm	●
WF-2423DB22	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	22 mm	●

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

WF - 24 16 DT 30



### 'Item No.' Directions



# Electrosurgical Electrodes (Reusable)

Connect high-frequency generator electrical cutting and coagulation polyp tissue through endoscope.

REUSABLE

CE 0197

## Coagulation Electrode

Autoclavable 134°C

For coagulation of small blood vessels. Exchangeable coagulation tips.



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Autoclavable
WF-1810DQ	Ø 1.8 × 1000 (mm)	Ø 2.0 (mm)	●
WF-1815DQ	Ø 1.8 × 1500 (mm)	Ø 2.0 (mm)	●
WF-2415DQ	Ø 2.4 × 1500 (mm)	Ø 2.8 (mm)	●
WF-2422DQ	Ø 2.4 × 2200 (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 Diameter & Working Length	Working Channel Diameter	Autoclavable
WF-2416DG	Ø 2.4 × 1650 (mm)	Ø 2.8 (mm)	●
WF-2423DG	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	●

## Needle Electrode

Autoclavable 134°C

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



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Autoclavable
WF-2416DZ	Ø 2.4 × 1650 (mm)	Ø 2.8 (mm)	●

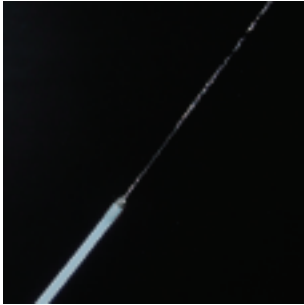
# Spray Catheters (Reusable)

REUSABLE



## Spray Catheters

Autoclavable 134°C



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Autoclavable
WF-1810PA	Ø 1.8 × 1000 (mm)	Ø 2.0 (mm)	●
WF-1818PA	Ø 1.8 × 1800 (mm)	Ø 2.0 (mm)	●
WF-2418PA	Ø 2.4 × 1800 (mm)	Ø 2.8 (mm)	●
WF-2423PA	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	●



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Autoclavable
WF-2418PB	Ø 2.4 × 1800 (mm)	Ø 2.8 (mm)	●
WF-2423PB	Ø 2.4 × 2300 (mm)	Ø 2.8 (mm)	●



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Autoclavable
WF-1818PC	Ø 1.8 × 1800 (mm)	Ø 2.0 (mm)	●
WF-1825PC	Ø 1.8 × 2500 (mm)	Ø 2.0 (mm)	●
WF-2418PC	Ø 2.4 × 1800 (mm)	Ø 2.8 (mm)	●

# Cleaning Brush (Reusable)

REUSABLE



## Cleaning Brush

Autoclavable **134°C**

Channel cleaning brush.



Item No.	Max. Insertion Portion Diameter & Working Length	Working Channel Diameter	Autoclavable
WF-1810W3	Ø 1.8 × 1000 (mm)	Ø 2.0 (mm)	●
WF-1816W3	Ø 1.8 × 1600 (mm)	Ø 2.0 (mm)	●
WF-2416W3	Ø 2.4 × 1600 (mm)	Ø 2.8 (mm)	●
WF-2422W3	Ø 2.4 × 2200 (mm)	Ø 2.8 (mm)	●



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