

• Code of endoscope



	Endoscopes	Autoclavable endoscope
	<div style="display: flex; align-items: center;"> <div style="margin-right: 5px;">□□□□□</div> <div style="margin-right: 5px;">G or CG</div> </div> <div style="margin-left: 20px; font-size: small;"> G: wide angle, CG: wider angle Code(English letter) Angle of view direction (Arabic numerals) Kinds of endoscopes(Arabic numerals) </div>	Autoclave 134° C/273° F

• Mark of color code

	● 0° / 5°	● 12°	● 30° / 25° 22°	● 45° / 90°	● 70°	○ 110°
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• How to connect the light cable



The picture is only for reference. Please refer to the real object.



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Since 1985

ENDOSCOPES



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Hysteroscope XG-5/XG-5A

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J0122
J0122A

Product features

- Endoscope adopts imported stainless steel material
- Endoscope adopts German optic glass, light fiber and light cone
- Adopt the patented technology of rod optical lens, clear field of view
- With direction index, sapphire lens cover never abrasion
- The unique 22° curved tube can make doctor find the left and right fallopian tube easily
- The endoscope has limiting stopper, easy to control the insertion depth
- Hysteroscope with handle and instruments with metal handle can be chosen
- Low temperature plasma sterilization can be used



• Endoscope

- J0122 22° Curved hysteroscope
φ6.4mm × 170mm
- J0122A 22° Curved hysteroscope(XG-5A type)
φ5.2mm × 170mm

- 1 Connecting to ESSE light cable
Connecting to OLYMPUS light cable
Connecting to STORZ light cable
- 2 Connecting to WOLF light cable
3 Connecting to ACMI light cable



• Instrument

- | | | |
|-------------------------------|--|--|
| Instrument with normal handle | X5161A Flexible biopsy forceps
6Fr × 385mm | |
| Instrument with metal handle | X5163A Flexible grasping ring forceps
6Fr × 385mm | |
| | X5261A Flexible scissors(Single-action)
6Fr × 385mm | |

• Flexible brush, Sealed cap, Steel wire, Light cable

- | | | |
|---|--|--|
| U8661 Flexible brush
6Fr | | |
| T7303 Sealed cap | | |
| X5803 Steel wire
φ0.8 × 300mm | | |
| U8724 Light cable
φ4mm × 2m
φ4mm × 3m | | |
1. Connecting to ESSE fountain
Connecting to WOLF fountain
2. Connecting to STORZ fountain

• Accessories

- | | | | |
|--|--|--|--|
| J0122R Curved hysteroscope(with handle)
φ6.4mm × 170mm | | X5165A Flexible foreign body forceps
6Fr × 385mm | |
| J0122AR Curved hysteroscope(with handle)
φ5.2mm × 170mm | | X5165B Flexible foreign body forceps
(Metal handle)
6Fr × 385mm | |
| X5161B Flexible biopsy forceps(Metal handle)
6Fr × 385mm | | X5261B Flexible scissors
(Single-action, Metal handle)
6Fr × 385mm | |
| X5162A Flexible grasping forceps
6Fr × 385mm | | X5261S Flexible scissors
(Double-action, Metal handle)
6Fr × 385mm | |
| X5164 Flexible saw tooth forceps
6Fr × 385mm | | X5163B Flexible grasping ring forceps
(Metal handle)
6Fr × 385mm | |
| X5164B Flexible saw tooth forceps(Metal handle)
6Fr × 385mm | | T7511 Infusion unit | |

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Hysteroscope ZG-1



J0100A
J0100F

Product features

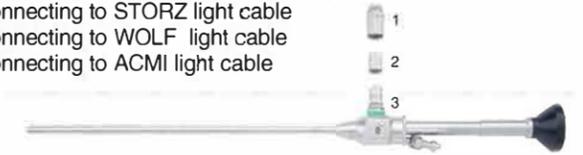
- Endoscope adopts imported stainless steel material
- Endoscope adopts German optic glass, light fiber and light cone
- Adopt the patented technology of rod optical lens, clear field of view
- With direction index, sapphire lens cover never abrasion
- The unique 22° curved tube can make doctor find the left and right fallopian tube easily
- The endoscope has limiting stopper, easy to control the insertion depth
- Hysteroscope with handle and instruments with metal handle can be chosen
- Low temperature plasma sterilization can be used



• Endoscope

- J0100A 0° Endoscope
φ6.2mm × 200mm
- J0100F 0° Endoscope(ZG-1A type)
φ5.2mm × 200mm

- 1 Connecting to ESSE light cable
Connecting to OLYMPUS light cable
Connecting to STORZ light cable
2 Connecting to WOLF light cable
3 Connecting to ACMI light cable



• Instrument

- | | | |
|-------------------------------|--|--|
| Instrument with normal handle | X5161A Flexible biopsy forceps
6Fr × 385mm | |
| Instrument with metal handle | X5163A Flexible grasping ring forceps
6Fr × 385mm | |
| | X5261A Flexible scissors(Single-action)
6Fr × 385mm | |

• Flexible brush, Sealed cap, Steel wire, Light cable

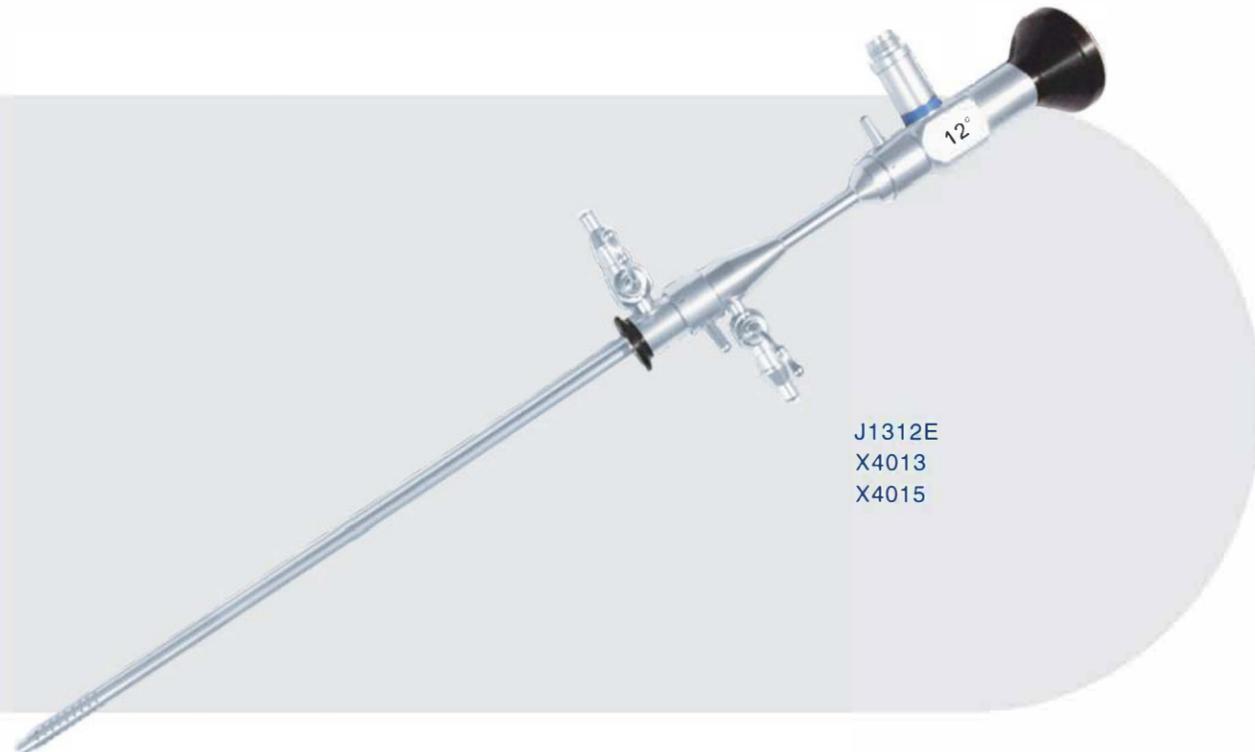
- | | | | |
|----------------------------------|--|--|--|
| U8661 Flexible brush
6Fr | | U8724 Light cable
φ4mm × 2m
φ4mm × 3m | |
| T7303 Sealed cap | | 1. Connecting to ESSE fountain
Connecting to WOLF fountain
2. Connecting to STORZ fountain | |
| X5803 Steel wire
φ0.8 × 300mm | | | |

• Accessories

- | | | | |
|---|--|--|--|
| J0100AR Straight tube hysteroscope(Straight tube)
φ6.2mm × 205mm | | X5164 Flexible saw tooth forceps
6Fr × 385mm | |
| J0100FR Straight tube hysteroscope(Straight tube)
φ5.2mm × 205mm | | X5164B Flexible saw tooth forceps
(Metal handle)
6Fr × 385mm | |
| J0112 12° Endoscope(Straight tube)
φ5.2mm × 200mm | | X5165A Flexible foreign body forceps
6Fr × 385mm | |
| J0130 30° Endoscope(Straight tube)
φ6.2mm × 200mm | | X5165B Flexible foreign body forceps
(Metal handle)
6Fr × 385mm | |
| J0130A 30° Endoscope(Straight tube)
φ5.2mm × 200mm | | X5261B Flexible scissors
(Single-action, Metal handle)
6Fr × 385mm | |
| X5161B Flexible biopsy forceps(Metal handle)
6Fr × 385mm | | X5261S Flexible scissors
(Double-action, Metal handle)
6Fr × 385mm | |
| X5162A Flexible grasping forceps
6Fr × 385mm | | X5163B Flexible grasping ring forceps
(Metal handle)
6Fr × 385mm | |
| | | T7511 Infusion unit | |

Hysteroscope ZG-2

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J1312E
X4013
X4015

Product features

- Endoscope adopts imported stainless steel material
- Endoscope adopts German optic glass, light fiber and light cone
- Adopt the patented technology of rod optical lens, clear field of view
- With direction index, sapphire lens cover never abrasion
- Unique in and out flow channel, with continuous perfusion
- Inner sheath can be used separately, less outer diameter, easy to insert
- Doctor can conveniently control the direction through straight endoscope
- Avoid to dilate uterus, decrease the operation time
- Low temperature plasma sterilization can be used, the autoclavable endoscope can be chosen



• Endoscope(3mm/30° /Inspection endoscope)

J1330E 30° Endoscope
φ3mm × 302mm



X4012A Inner sheath&obturator
12Fr × 231.5mm



X4015 Outer sheath
15Fr × 207.5mm



T7201 In-flow valve



T7211 Out-flow valve



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



1. Connecting to E55E fountain
Connecting to WOLF fountain
2. Connecting to STORZ fountain

• Endoscope(3mm/12° /Inspection endoscope)

J1312E 12° Endoscope
φ3mm × 302mm



X4013 Inner sheath&obturator
12Fr × 231.5mm



X4015 Outer sheath
15Fr × 207.5mm



T7201 In-flow valve



T7211 Out-flow valve



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



1. Connecting to E55E fountain
Connecting to WOLF fountain
2. Connecting to STORZ fountain

• Endoscope(4mm/30° /Inspection endoscope)

J0330E 30° Endoscope
φ4mm × 302mm



X4016T Inner sheath&obturator
16Fr × 232mm



X4019T Outer sheath
19.5Fr × 208mm



T7201D In-flow valve



T7211 Out-flow valve



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



1. Connecting to E55E fountain
Connecting to WOLF fountain
2. Connecting to STORZ fountain

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Hysteroscope ZG-3

(6Fr Instrument)



J0330E
X4019

Product features

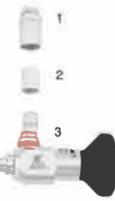
- Endoscope adopts imported stainless steel material
- Endoscope adopts German optic glass, light fiber and light cone
- Adopt the patented technology of rod optical lens, clear field of view
- With direction index, sapphire lens cover never abrasion
- Doctor can conveniently control the direction through straight endoscope
- The endoscope has limiting stopper, easy to control the insertion depth
- Hysteroscope with handle and instruments with metal handle can be chosen
- Low temperature plasma sterilization can be used



• Endoscope

J0330E 30° Endoscope
φ4mm × 302mm

- 1 Connecting to ESSE light cable
- 2 Connecting to WOLF light cable
- 3 Connecting to ACMI light cable



• Working element, Obturator

X4019 Working element
19.5Fr × 188mm



X4012 Obturator
12Fr



• Instrument



X5301 Rigid scissors
6Fr × 340mm



X5003A Rigid foreign body forceps
6Fr × 340mm (for choice)



X5001 Rigid biopsy forceps
6Fr × 340mm



X5363A Rigid grasping ring forceps
6Fr × 340mm (for choice)



• Accessories

T7204C In-flow valve



T7211 Out-flow valve



T7303 Sealed cap



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



1. Connecting to ESSE fountain
2. Connecting to WOLF fountain

Hysteroscope ZG-3

(5Fr Instrument)



J0330E
X4020S
X4017S

Product features

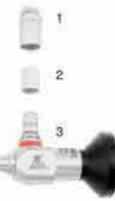
- Endoscope adopts imported stainless steel material
- Endoscope adopts German optic glass, light fiber and light cone
- New optic system, big field of view, high resolution
- With direction index, sapphire lens cover never abrasion
- Unique in and out flow channel, with continuous perfusion
- Doctor can conveniently control the direction through straight endoscope
- Avoid to dilate uterus, decrease the operation time
- Low temperature plasma sterilization can be used, the autoclavable endoscope can be chosen



• Endoscope

J0330E 30° Endoscope
φ4mm × 302mm

- 1 Connecting to ESSE light cable
- Connecting to OLYMPUS light cable
- Connecting to STORZ light cable
- 2 Connecting to WOLF light cable
- 3 Connecting to ACMI light cable



• Outer sheath&obturator, Working element

X4017S Working element
18.5Fr × 218mm



X4020S Outer sheath&obturator
20.5Fr × 209mm



• Instrument



X5005 Rigid grasping forceps
5Fr × 340mm



X5302 Rigid scissors
5Fr × 340mm



X5003B Rigid foreign body forceps
5Fr × 340mm (for choice)



X5004 Rigid biopsy forceps
5Fr × 340mm



X5363B Rigid grasping ring forceps
5Fr × 340mm (for choice)



• Accessories

T7201 In-flow valve



X5803 Steel wire
φ0.8 × 300mm

T7211 Out-flow valve



U8724 Light cable
φ4mm × 2m
φ4mm × 3m

1 2



U8661 Flexible brush



T7303 Sealed cap



- 1. Connecting to ESSE fountain
- Connecting to WOLF fountain
- 2. Connecting to STORZ fountain

Hysteroscope ZG-3A/ZG-3B

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ZG-3A
J1330E
X4016
ZG-3B
J1330E
X4014

Product features

- Endoscope adopts imported stainless steel material
- Endoscope adopts German optic glass, light fiber and light cone
- New optic system, big field of view, high resolution
- With direction index, sapphire lens cover never abrasion
- Unique in and out flow channel, with continuous perfusion
- Less outer diameter, easy to insert
- Doctor can conveniently control the direction through straight endoscope
- Avoid to dilate uterus, decrease the operation time
- Low temperature plasma sterilization can be used, the autoclavable endoscope can be chosen



• Endoscope

J1330E 30° Endoscope
φ3mm × 302mm



• Working element

X4016 Working element
16Fr × 199mm



• Instrument

X5001	Rigid biopsy forceps 6Fr × 340mm		X5301	Rigid scissors 6Fr × 340mm	
			X5003A	Rigid foreign body forceps(for choice) 6Fr × 340mm	
			X5363A	Rigid grasping ring forceps(for choice) 6Fr × 340mm	

• Valve, Steel wire, Sealed cap, Light cable

T7204C	In-flow valve		X5803	Steel wire φ0.8 × 300mm	
T7211	Out-flow valve		U8724	Light cable φ4mm × 2m φ4mm × 3m	
T7303	Sealed cap			1. Connecting to ESSE fountain Connecting to WOLF fountain 2. Connecting to STORZ fountain	

• Endoscope

J1330E 30° Endoscope
φ3mm × 302mm



• Working element

X4014 Working element
14Fr × 191.5mm



• Valve, Steel wire, Sealed cap, Light cable

T7204C	In-flow valve		X5803	Steel wire φ0.8 × 300mm	
T7211	Out-flow valve		U8724	Light cable φ4mm × 2m φ4mm × 3m	
T7303	Sealed cap			1. Connecting to ESSE fountain Connecting to WOLF fountain 2. Connecting to STORZ fountain	

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Hysteroscope ZG-3A

(5Fr Instrument)



J1330E
X4013S
X4016S

Product features

- Endoscope adopts imported stainless steel material
- Endoscope adopts German optic glass, light fiber and light cone
- New optic system, big field of view, high resolution
- With direction index, sapphire lens cover never abrasion
- Unique in and out flow channel, with continuous perfusion
- Less outer diameter, easy to insert
- Doctor can conveniently control the direction through straight endoscope
- Avoid to dilate uterus, decrease the operation time
- Low temperature plasma sterilization can be used, the autoclavable endoscope can be chosen



• Endoscope

J1330E 30° Endoscope
φ3mm × 302mm

1. Connecting to ESSE light cable
Connecting to OLYMPUS light cable
Connecting to STORZ light cable
2. Connecting to WOLF light cable
3. Connecting to ACMI light cable



• Outer sheath&obturator, Working element(inner sheath)

X4013S Working element
(Inner sheath)
14.5Fr × 217.5mm



X4016S Outer sheath&obturator
16.5Fr × 209.5mm



• Instrument

X5004 Rigid biopsy forceps
5Fr × 340mm



X5005 Rigid forceps
5Fr × 340mm



X5302 Rigid scissors
5Fr × 340mm



X5363B Rigid grasping ring forceps
5Fr × 340mm(for choice)



X5003B Rigid foreign body forceps
5Fr × 340mm(for choice)



• Valve, Steel wire, Sealed cap, Light cable

T7201 In-flow valve



T7211 Out-flow valve



U8661 Flexible brush
6Fr



T7303 Sealed cap



X5803 Steel wire
φ0.8 × 300mm



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



1. Connecting to ESSE fountain
Connecting to WOLF fountain
2. Connecting to STORZ fountain

Hysteroscope ZG-3A

(6Fr Big channel)



J1330E
X4011S
X4018S

Product features

- Endoscope adopts imported stainless steel material
- Endoscope adopts German optic glass, light fiber and light cone
- New optic system, big field of view, high resolution
- With direction index, sapphire lens cover never abrasion
- Unique in and out flow channel, with continuous perfusion
- Less outer diameter, easy to insert
- Doctor can conveniently control the direction through straight endoscope
- Avoid to dilate uterus, decrease the operation time
- Low temperature plasma sterilization can be used, the autoclavable endoscope can be chosen



• Endoscope

J1330E 30° Endoscope
φ3mm × 302mm

1. Connecting to ESSE light cable
Connecting to OLYMPUS light cable
Connecting to STORZ light cable
2. Connecting to WOLF light cable
3. Connecting to ACMI light cable



• Sheath&obturator, Working element

X4011S Working element (Inner sheath)
16Fr × 218mm



X4018S Outer sheath&obturator
18Fr × 209mm



• Instrument



X5001 Rigid biopsy forceps
6Fr × 340mm



X5003A Rigid foreign body forceps (for choice)
6Fr × 340mm



X5004 Rigid biopsy forceps
5Fr × 340mm

X5003B Rigid foreign body forceps (for choice)
5Fr × 340mm

X5301 Rigid scissors
6Fr × 340mm



X5363A Rigid grasping ring forceps (for choice)
6Fr × 340mm



X5302 Rigid scissors
5Fr × 340mm

X5363B Rigid grasping ring forceps (for choice)
5Fr × 340mm

• Accessories

T7204C In-flow valve



X5803 Steel wire
φ0.8 × 300mm



T7211 Out-flow valve



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



U8661 Flexible brush
6Fr



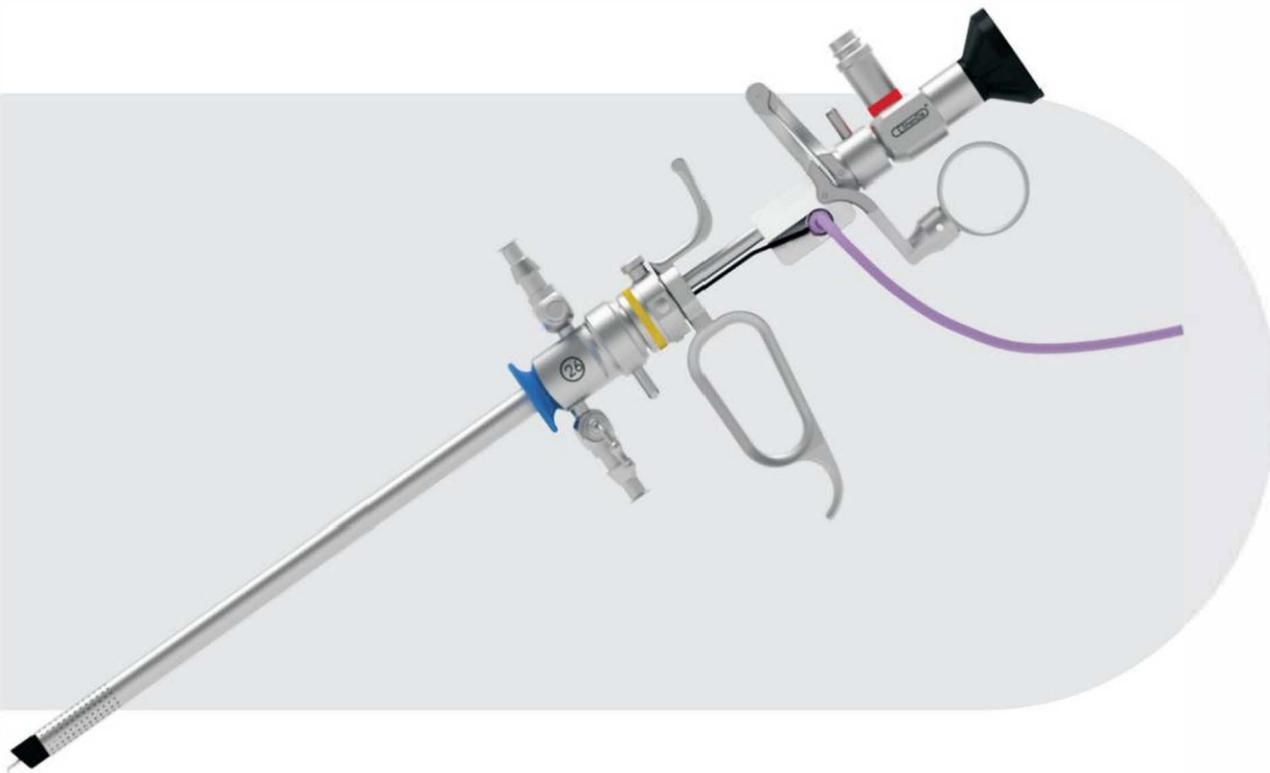
1. Connecting to ESSE fountain
Connecting to WOLF fountain
2. Connecting to STORZ fountain

T7303 Sealed cap



Bipolar Resectoscope

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Product features

- Real bipolar system, the current circuit won't pass through the outer sheath
- Realize the best cutting efficiency with the safest current
- Reduce the risk of TUR by using saline to cutting
- Minimal tissue penetration, significant reducing obturator nerve stimulation
- Low temperature cutting, precise and focus current to realize fine cutting for each step
- Reduce metamorphic tissue and carbonization without injuring other tissue
- No patient plates required
- 4mm diameter, 30° endoscope, autoclavable
- A large number of fine outer sheath outlet holes, to ensure a clear field of view
- Smaller outer diameter when the inner sheath used with the valve seat
- No power supply for the working element, no need to connect the electrode with the working element
- Quick release lock adopted to connect the working element and the sheath
- High temperature resistant and high strength ceramic adopted
- 360° rotatable sheath, continuous circulation of irrigation
- Two kind of working elements can be chosen: Passive and Active



• Endoscope

J0330E 30° Endoscope
φ4mm × 302mm

- 1 Connecting to ESSE light cable
- 2 Connecting to OLYMPUS light cable
- 3 Connecting to STORZ light cable
- 4 Connecting to WOLF light cable
- 5 Connecting to ACMI light cable



• Sheath&Obturator

Q4024XS Inner sheath&obturator
24Fr × 196.5mm



Q4026XS Outer sheath&obturator
26Fr × 180mm



• Working element

Q6020XS Working element(Passive)
Q6010XS Working element(Active)

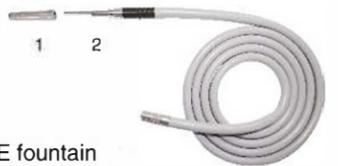


• Valve seat,In-flow valve,Cleaning rod,Light cable

Q4033XS Valve seat(Match with inner sheath)



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



T7201 In-flow valve



U8601C Cleaning rod
φ3mm × 340mm



1. Connecting to ESSE fountain
2. Connecting to WOLF fountain
3. Connecting to STORZ fountain

• Accessories

Q6030XS Working element(visible)



Q4024XS-1 Inner sheath



Q6211XS Cutting loops(thick)



Q4024XS-2 Obturator(inner sheath)



Q6211XS1 Cutting loops(fine)



Q4025S-1-4 Inner sheath seal ring(O type)



Q6211XS2 Cutting loops(small)



U9910GS Disinfection box
460mm × 220mm × 76mm



Q6211XS3 Cutting loops(big)



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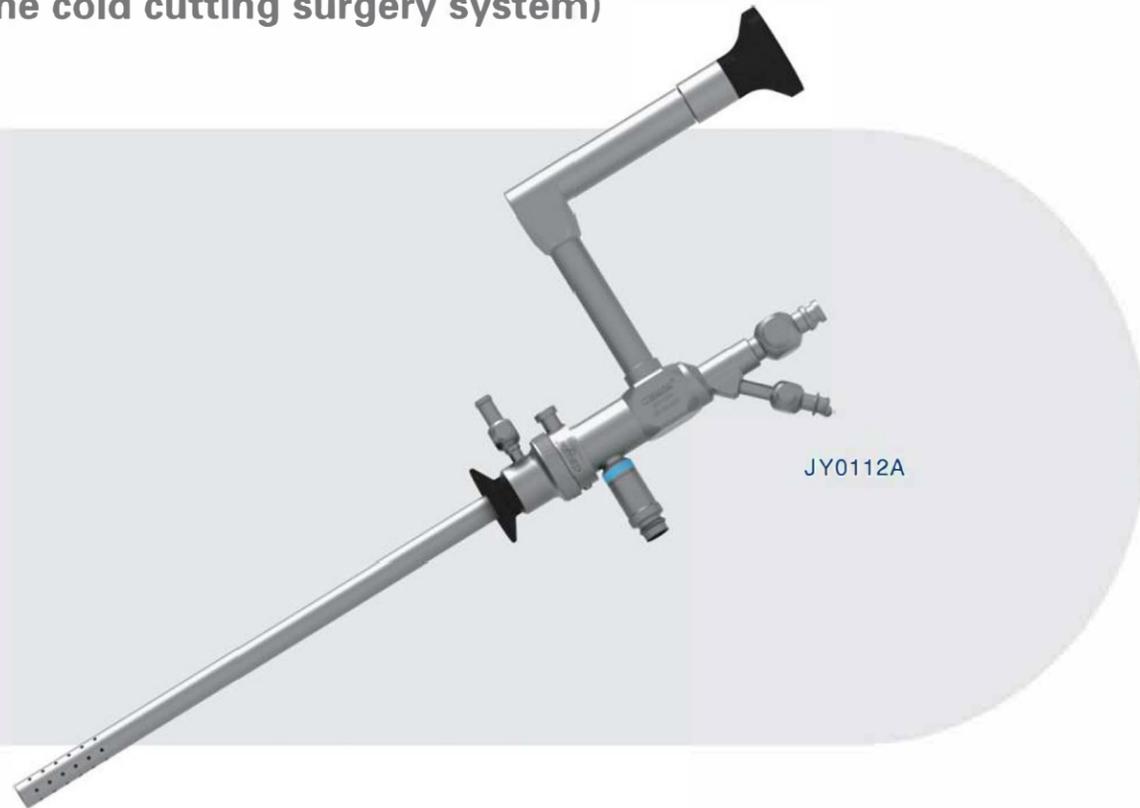
Hysteroscope GST-1

(Uterine cold cutting surgery system)



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Product features

• Uterine myoma

Suitable for type 0, 1, 11 submucosal fibroids and intermyowall fibroids. The fibroids are decomposed by scissors and grasped by grasping forceps, the whole fossa is intact and the fibroids are completely removed. The thermal damage caused by high frequency current to muscle wall is avoided.

• Uterine polyps

Site-specific removal of polyps with scissors or forceps is performed to preserve the endometrium to the maximum extent, especially for multiple polyps. The roots of polyps can be grasped with a grasping forceps or spot-burned with an electric hook to avoid widespread damage. For the polyps of the horn, its safety has been greatly demonstrated.



• Endoscope

JY0112A 12° Oblique endoscope
4.5mm instrument channel
Matched with Q4026HG



Q4026HG Outer sheath&obturator
26Fr × 187mm



• Instrument

X5310 Scissors(Single-action)
φ3mm × 360mm



X5011 Dissecting forceps
φ3mm × 360mm



X5311 Scissors(Double-action/Curved)
φ3mm × 360mm



X5012 Atraumatic forceps
φ3mm × 360mm



X5010 Grasping forceps(3x2)
φ3mm × 360mm



X5013 Biopsy forceps
φ3mm × 400mm



X5312 Scissors(Double-action, straight)
φ3mm × 400mm



X5313 Hook scissors
φ3mm × 400mm



• Active operating instrument

D6403B-1 Single-electrode coagulator
φ3mm × 360mm



D6513-1(J) Double-electrode forceps
(Hook style needle)
φ3mm × 360mm



D6404B-1 Single-electrode hook
(Curved hook)
φ3mm × 360mm



D6513-2(J) Double-electrode forceps
(Straight style needle)
φ3mm × 360mm



D6404B-2 Single-electrode hook
(Horizontal hook)
φ3mm × 360mm



D6513-3(J) Double-electrode forceps
(V-shaped needle)
φ3mm × 360mm



U8413A Single-electrode wire
3m



U8414A(J) Double-electrode wire
3m



• Accessories

U9910GA Disinfection box
510mm × 235mm × 85mm



U9920GA Disinfection box
630mm × 285mm × 135mm

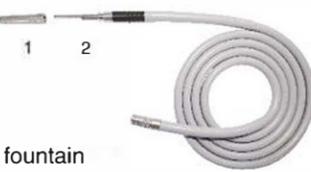


T7301A Sealed cap

U8601C Cleaning rod
φ 3mm × 340mm



U8724 Light cable
φ 4mm × 2m
φ 4mm × 3m



1.Connecting to ESSE fountain
Connecting to WOLF fountain
2.Connecting to STORZ fountain

• Single-electrode cutting part

J0330E 30° Endoscope
φ 4mm × 302mm



Q6211S3 Cutting loops
φ 4mm × 281mm



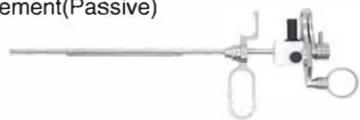
Q4025G Inner sheath&obturator
25Fr × 218mm



Q6221S1 Needle-style cutting loops
φ 4mm × 282mm



Q6020HG Working element(Passive)
φ 4mm



Q6301S1 Ball-style cutting loops
φ 4mm × 287mm



X6201S1 Spade-style cutting loops
φ 4mm × 282mm



U9902 Disinfection tube
φ 20mm × 320mm



U8412B HD Cord
3m



• Double-electrode cutting part

J0330E 30° Endoscope
φ 4mm × 302mm



T7201 In-flow valve



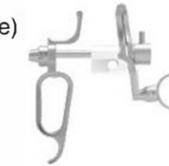
Q4025G Inner sheath&obturator
25Fr × 218mm



U8601C Cleaning rod



Q6020XS Working element(Passive)
φ 4mm



U8724 Light cable
φ 4mm × 2m
φ 4mm × 3m



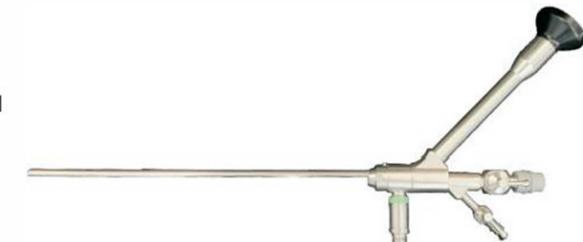
1.Connecting to ESSE fountain
Connecting to WOLF fountain
2.Connecting to STORZ fountain

• Accessories

JY0100A 0° Endoscope(φ 4.5mm instrument channel)



JY0800GF1 0° Endoscope(Y type)
φ 5mm instrument channel



Q6211XS Cutting loops(thick)



Q6211XS2 Cutting loops(small)



Q6211XS1 Cutting loops(fine)

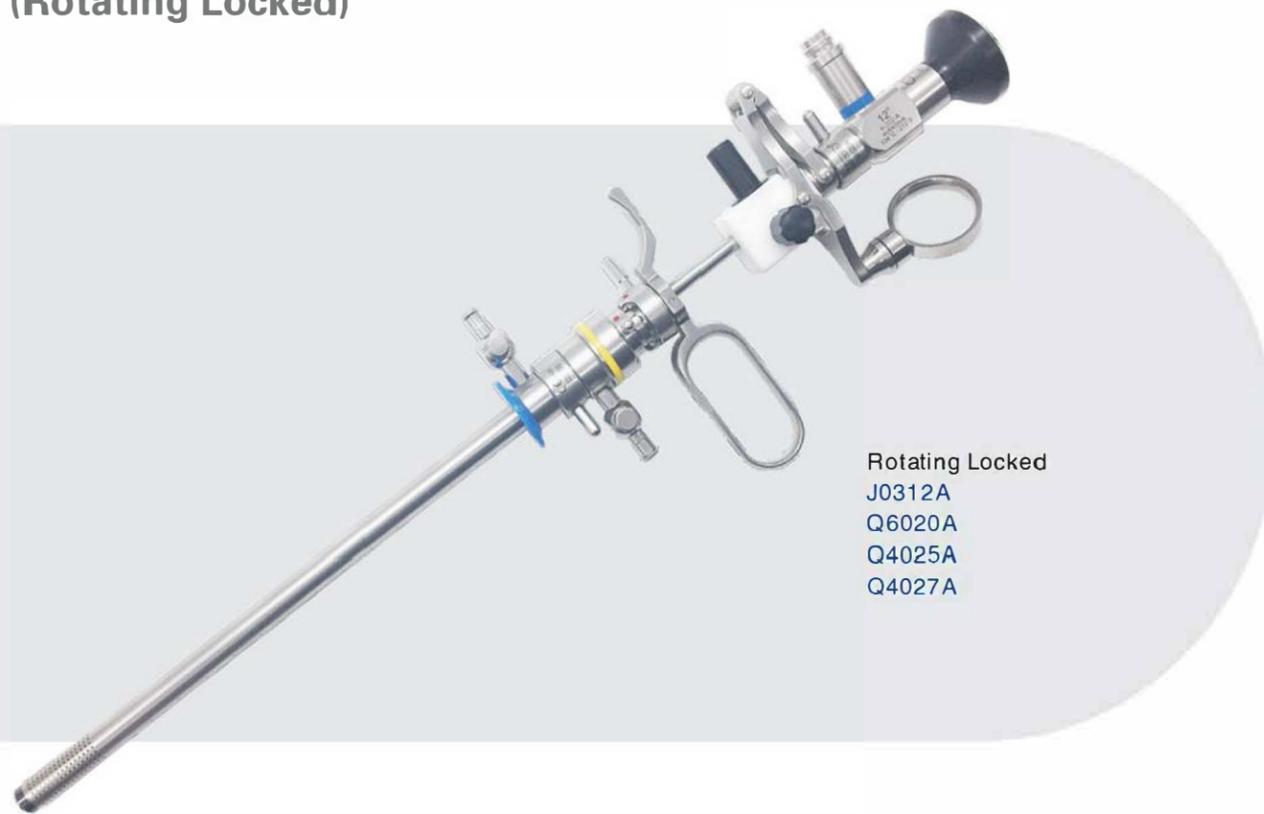


Q6211XS3 Cutting loops(big)



Resectoscope QD-2

(Rotating Locked)



Rotating Locked
J0312A
Q6020A
Q4025A
Q4027A

Product features

- Endoscope adopts imported stainless steel material
- Endoscope adopts German optic glass, light fiber and light cone
- Adopt the patented technology of rod optical lens, clear field of view
- With direction index, sapphire lens cover never abrasion
- Adopt high temperature and high intensity ceramic
- Big diameter stainless steel valve
- Active and passive can be chosen freely
- Stainless steel valve, easy for maintenance, avoid damaging
- When the inner sheath & outer sheath keep still, working element, endoscope and cutting loops can rotate 360° freely, with continuous perfusion
- Low temperature plasma sterilization can be used
- Thumb ring is movable and more convenient



• Endoscope

J0312A 12° Endoscope
φ4mm × 302mm

- 1 Connecting to ESSE light cable
- 2 Connecting to OLYMPUS light cable
- 3 Connecting to STORZ light cable
- 2 Connecting to WOLF light cable
- 3 Connecting to ACMI light cable



• Sheath&obturator

Q4025A Inner sheath
25Fr × 208mm



Q4027A Outer sheath
27Fr × 180mm



• Working element

Q6020A Working element (Passive)
Q6010A Working element (Active)



• Cutting loops

X6201 Cutting loops, straight
φ4mm × 287.5mm



Q6221 Needle-style cutting loops
φ4mm × 285mm



Q6211 Cutting loops
φ4mm × 285mm



Q6301 Ball-style cutting loops
φ4mm × 285mm



• Accessories

T7201 In-flow valve



U8412B HF cord
3m



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



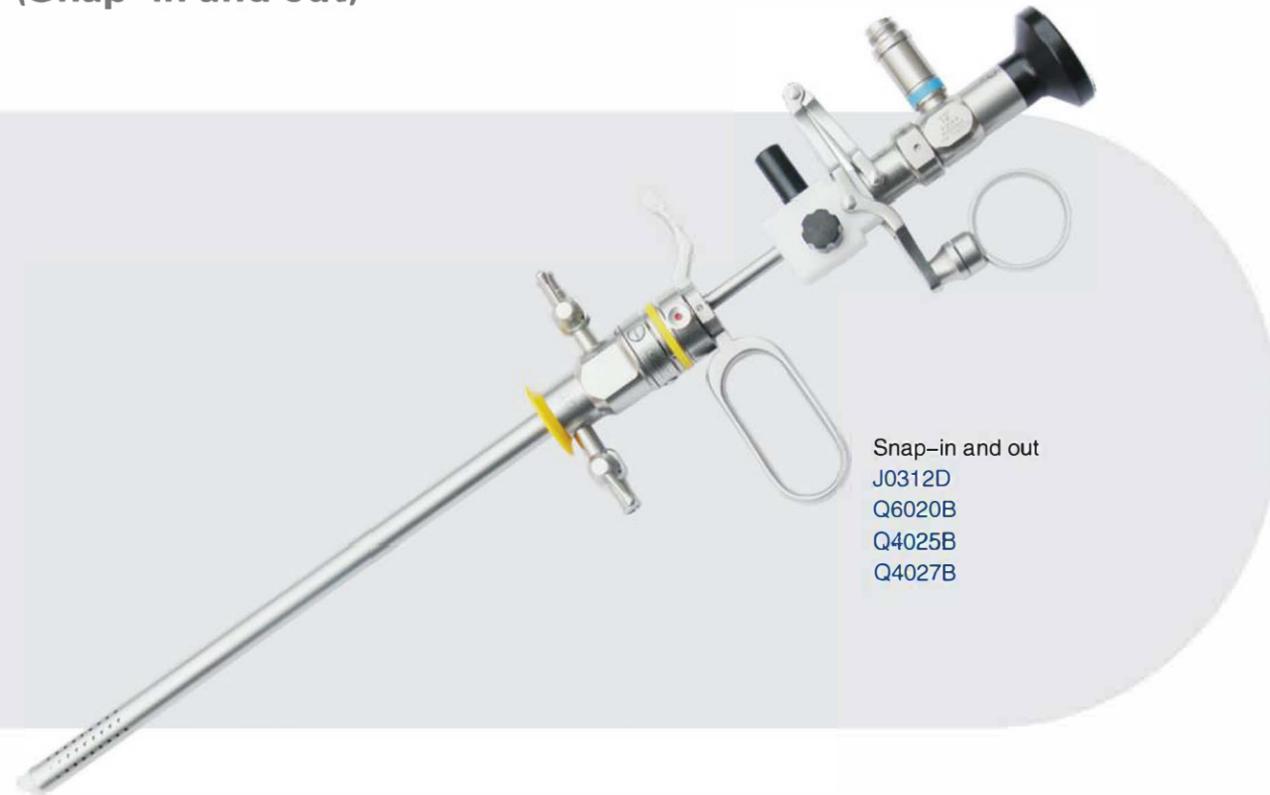
U8601C Cleaning rod
φ3mm × 340mm



1. Connecting to ESSE fountain
2. Connecting to STORZ fountain

Resectoscope QD-2

(Snap-in and out)



Snap-in and out
J0312D
Q6020B
Q4025B
Q4027B

Product features

- Endoscope adopts imported stainless steel material
- Endoscope adopts German optic glass, light fiber and light cone
- Adopt the patented technology of rod optical lens, clear field of view
- With direction index, sapphire lens cover never abrasion
- Adopt high temperature and high intensity ceramic
- Big diameter stainless steel valve
- Active and passive can be chosen freely
- Stainless steel valve, easy for maintenance, avoid damaging
- When the inner sheath & outer sheath keep still, working element, endoscope and cutting loops can rotate 360° freely, with continuous perfusion
- Low temperature plasma sterilization can be used



• Endoscope

J0312D 12° Endoscope
φ4mm × 305mm

- 1 Connecting to ESSE light cable
- Connecting to OLYMPUS light cable
- Connecting to STORZ light cable
- 2 Connecting to WOLF light cable
- 3 Connecting to ACMI light cable



• Sheath&Obturator

Q4025B Inner sheath&obturator
25Fr × 195mm

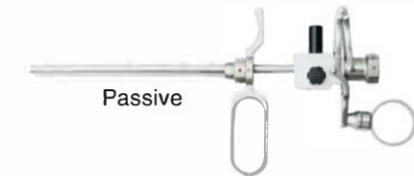


Q4027B Outer sheath
27Fr × 180mm



• Working element

Q6020B Working element(Passive)
Q6010B Working element(Active)



• Cutting loops

X6201 Cutting loops, straight
φ4mm × 287.5mm



Q6221 Needle-style cutting loops
φ4mm × 285mm



Q6211 Cutting loops
φ4mm × 285mm



Q6301 Ball-style cutting loops
φ4mm × 285mm



• Accessories

T7201D In-flow valve



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



U8412B HF cord
3m



- 1. Connecting to ESSE fountain
- Connecting to WOLF fountain
- 2. Connecting to STORZ fountain

U8601C Cleaning rod
φ3mm × 340mm



Resectoscope QD-2

(H type)



Rotating Locked
J0330E
Q6020H
Q4025H
Q4027H

Product features

- Endoscope adopts imported stainless steel material
- Endoscope adopts German optic glass, light fiber and light cone
- Adopt the patented technology of rod optical lens, clear field of view
- With direction index, sapphire lens cover never abrasion
- Adopt high temperature and high intensity ceramic
- Big diameter stainless steel valve
- Active and passive can be chosen freely
- Stainless steel valve, easy for maintenance, avoid damaging
- When the inner sheath & outer sheath keep still, working element, endoscope and cutting loops can rotate 360° freely, with continuous perfusion
- Low temperature plasma sterilization can be used
- Thumb ring is movable and more convenient



• Endoscope

J0330E 30° Endoscope
φ4mm × 302mm

- 1 Connecting to ESSE light cable
- 2 Connecting to OLYMPUS light cable
- 3 Connecting to STORZ light cable
- 4 Connecting to WOLF light cable
- 5 Connecting to ACMI light cable



• Sheath&obturator

Q4025H Inner sheath&obturator
24Fr × 194mm



Q4027H Outer sheath
26Fr × 175mm



• Working element

Q6010H Working element(Active)
Q6020H Working element(Passive)



• Cutting loops

X6201S1 Cutting loops, Straight
φ4mm × 286.5mm



Q6221S1 Needle-style cutting loops
φ4mm × 288mm



Q6211S3 Cutting loops
φ4mm × 281mm



Q6301S1 Ball-style cutting loops
φ4mm × 287mm

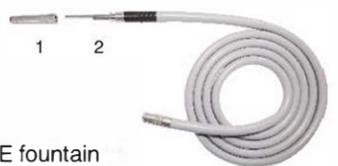


• Accessories

T7201 In-flow valve



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



U8412B HF cord
3m



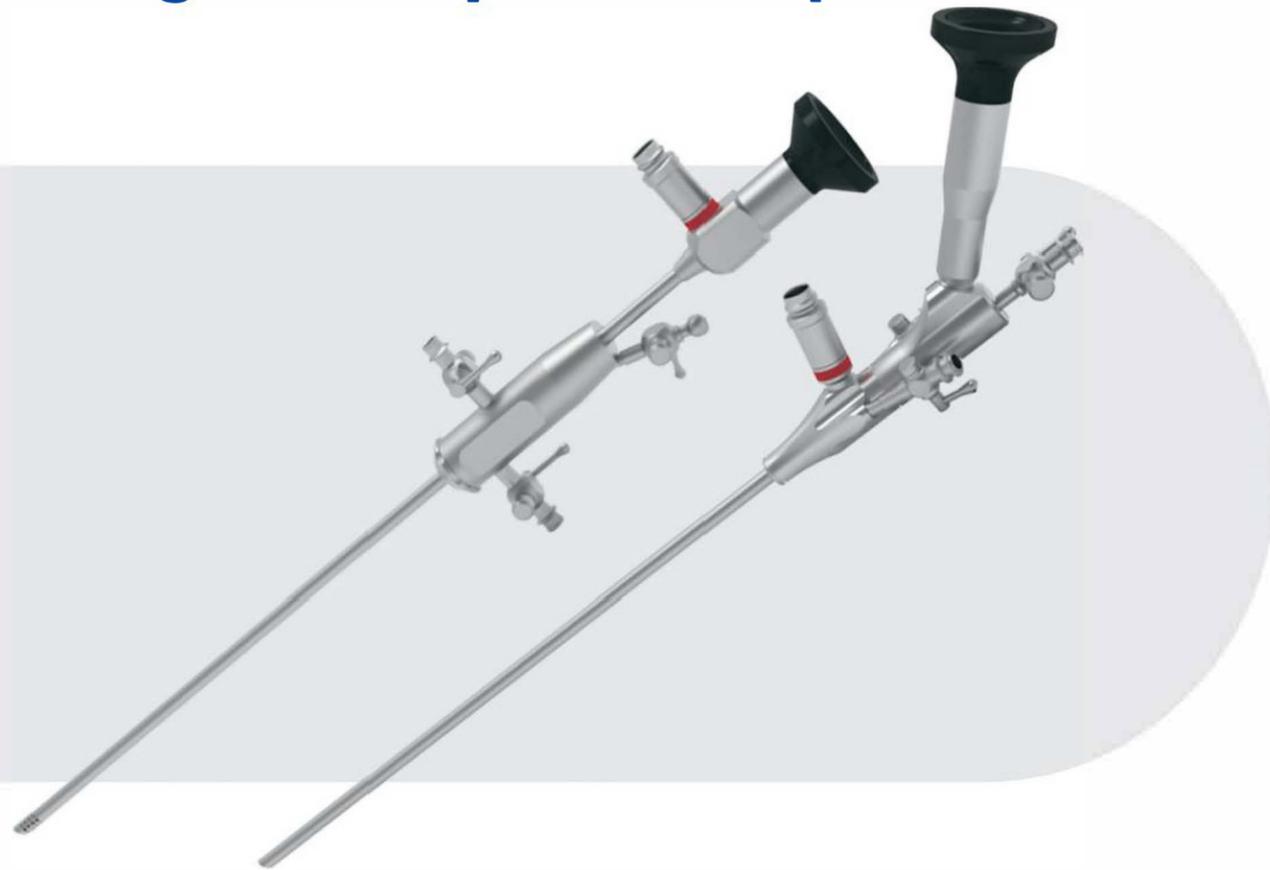
1. Connecting to ESSE fountain
2. Connecting to WOLF fountain
3. Connecting to STORZ fountain

U8601C Cleaning rod
φ3mm × 340mm



Integrated hysteroscope

GYNECOLOGY



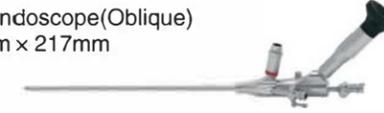
Product features

- Endoscope adopts imported stainless steel material
- Endoscope adopts German optic glass, light fiber and light cone
- Adopt the patented technology of rod optical lens, clear field of view
- With direction index, sapphire lens cover never abrasion
- Low temperature plasma sterilization can be used, the autoclavable endoscope can be chosen
- The operation instruments adopt imported stainless steel material, no coating, good anti-corrosion function
- Adopt maintenance-free valve



• Endoscope

JY0130 30° Endoscope (Oblique)
φ5mm × 217mm



J1330ET 30° Endoscope (Direct)
16Fr × 205mm



• Instrument

X5302 Rigid scissors
5Fr × 340mm



X5004 Rigid biopsy forceps
5Fr × 340mm



X5005 Rigid grasping forceps
5Fr × 340mm



X5003B Rigid foreign body forceps (optional)
5Fr × 340mm



X5363B Rigid grasping ring forceps (optional)
5Fr × 340mm



• Flexible brush, Sealed cap, Steel wire, Valve, Light cable

U8661 Flexible brush



T7201 In-flow valve



T7303 Sealed cap



T7211 Out-flow valve



X5803 Steel wire
φ0.8mm × 300mm



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



1. Connecting to ESSE fountain
Connecting to WOLF fountain
2. Connecting to STORZ fountain

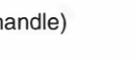
• Accessories

X5161A Flexible biopsy forceps
6Fr × 385mm



X5261A Flexible scissors (Single-action)
6Fr × 385mm

X5161B Flexible biopsy forceps (metal handle)
6Fr × 385mm



X5261B Flexible scissors (Single-action, metal handle)
6Fr × 385mm



X5163A Flexible grasping ring forceps
6Fr × 385mm



X5261S Flexible scissors (Double-action, metal handle)
6Fr × 385mm

X5163B Flexible grasping ring forceps (metal handle)
6Fr × 385mm

GYNECOLOGY

• HD Camera System(With Screen)



HD Camera System
ESD-HD668P

- ◆ Type: ESD-HD668P
- ◆ HD output:1920(H)x1080(V)
- ◆ Image sensor:2.86-inch ultra-low voice global exposure CMOS sensor
- ◆ Output signal: Dual HDMI、 Dual DVI
- ◆ Sharpness:1080p
- ◆ Frame frequency:60FPS
- ◆ Minimal illumination:5Lx at F5.5
- ◆ Power source condition:AC 220V、 50Hz
- ◆ Input power:35VA
- ◆ Optical connector size:Rigid endoscope connector: $\Phi 32 \pm 0.1\text{mm}$
- ◆ Working environment:Temperature $+10^{\circ}\text{C} \sim +40^{\circ}\text{C}$
Humidness 30%~75%
Barometric pressure 860hpa~1060hpa
- ◆ Security type:  Class I BF type application part

• Power system (used with laser shredding endoscope)



Computer powerful chipping device
Cutters head
(Outside diameter4.8mm,
Working length370mm)

- ◆ Speed adjustment range:200rpm/min~6000 rpm/min (forward and reverse)
200rpm/min~3000 rpm/min (round trip)
With stepless speed regulation function
- ◆ Flushing flow: The controller has flushing function
Maximum flow is 15ml/min (no-load)
Adjustable flow
- ◆ The maximum output torque of hand-held motor shall not be less than $36\text{mN} \cdot \text{M}$
- ◆ Working noise: < 65db
- ◆ Full LCD display, touch screen control
- ◆ Flushing linkage control: when the flush switch is on, press the foot switch to flush automatically, and release the foot switch to stop automatically
- ◆ Power source: 220V 50/60HZ
- ◆ Overall power $\leq 180\text{VA}$

• ESD-LED Medical cold light source



Medical cold light source
ESD-LED

- ◆ Power source condition:220V、 50Hz
- ◆ Input power:150VA
- ◆ Spectral properties:① Color rendering index: ≥ 90
② Color temperature:3000k~7000k
- ◆ Total luminous flux: $\geq 410\text{lm}$
- ◆ Output aperture: $10 \pm 0.050\text{mm}$
- ◆ Working noise: < 35dB
- ◆ Electrical safety should meet the GB9706.1-2007 standard

• Automatic high flow CO₂ insufflator



Automatic high flow CO₂ insufflator
ES-QG-II

- ◆ Gas flow and abdominal pressure are controlled by microcomputer technology automatically.
- ◆ Pulse gas supply can be adjusted by setted abdominal pressure and actual abdominal pressure value automatically according to advanced pulse gas supply principle.
- ◆ Gas cylinder pressure, the actual abdominal pressure and air flow are displayed by light beam.
- ◆ With the electrical safety protection system, when the pressure is too high,inflation needle is jammed or gas pressure is insufficient, audible and visual alarm will work.

ES-QG-II

Inlet pressure:0.28~0.6MPa

Setted abdominal pressure:5~25mmHg

Set flow:0~30L/min

• Perfusion pump for endoscope



Perfusion pump for endoscope
ES-QB-1

- ◆ The cavity speculum filling pupm **ES-QB-1** is an open pressure equipment.It is easy and convenient to clean the liquid in the operation.
- ◆ It takes stepping electrical motor.When the equipment drives.It is steady and makes low noise.
- ◆ Pressure and flow is controlled by computer automatically,when the power is over,the computer will cut off electric source automatically,and when the power recovers,the equipment will be in normal situation. Meanwhile,control equipment is safe and reliable.
- ◆ The range of pressure is 2~ 53Kpa,the range of flow is 0.1~1L/min.The number is showed on the equipment,and it can adjust the number according to the need.
- ◆ Cavity speculum filling pump QB-1 has the ability of memory.When you open the equipment,it can show the power and flow stated last time.

• Uteri auto inflate and pressure

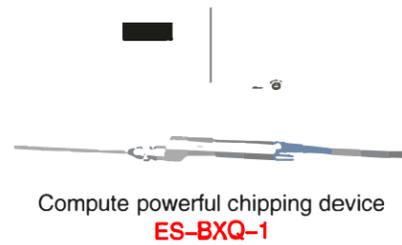


Uteri auto inflate and pressure
U9522 DG-1

It is used for gynecology endoscope and operation.In order to make the field of view clear,uterus is inflated by gas pressure

- ◆ Power:220V $\pm 22\text{V}$ 50Hz $\pm 1\text{Hz}$
- ◆ Power rating 30W
- ◆ Power rang 1Kpa~30Kpa
- ◆ Adjusting step length 1Kpa
- ◆ Setting pressure 1~30Kpa
- ◆ Alarm pressure 30Kpa

• Computer powerful chipping device



- ◆ Integrating planing power and negative pressure suction
- ◆ ϕ 4.2mm cutters, larger internal suction space, peak flow 28L/min
- ◆ Vacuum degree: -88kPa
- ◆ Imported cutters, ultra-low vibration, effective protection of endoscope
- ◆ Simple operation, sensitive response, three-speed adjustable

• Peritoneum cleaner



- Peritoneum Cleaner **ES-QXQ-1000J** is used for irrigations and suction of organs in cavity under the laparoscopic surgery in order to make the field of view clear and clean the feculence prevent from pollution and adhesion after the operation
- ◆ The peritoneum cleaner is controlled by computer, adjusted the positive pressure and negative pressure according to the user's demands
 - ◆ It can positive pressure irrigate and negative pressure suck, it can be matched single tube with double channels suction unit (D4403, D4403A) for irrigation and suction and exchange frequently.
 - ◆ Washing pressure: 75 ± 5 KPa Suction pressure: $\pm 65 \pm 5$ KPa

• ESSE 27/24-inch full-HD surgical special monitor



- ◆ **Size:27 inches(16:9)**
- ◆ Contrast:1000:1 Max Resolution:3840x2160
- ◆ Viewing Angle:178/178 Response Time:8ms
- ◆ Appearance and structure: white metal shell with high strength, fast heat dissipation and anti-interference
- ◆ Power source: DC12V Installation standard: VESA 100x100mm
- ◆ Built-in curve: more than ten kinds of medical display curves
- ◆ Color:1.07B Brightness:800cd/m²
- ◆ Input Interface:DVI/HDMI2.0/VGA/DP/USB
- ◆ **Size:24 inches(16:10)**
- ◆ Contrast:1000:1 Max Resolution:1920x1200
- ◆ Viewing Angle:178/178 Response Time:5ms
- ◆ Appearance and structure: white metal shell with high strength, fast heat dissipation and anti-interference
- ◆ Power source: External power supply 24V Installation standard: VESA 100x100mm
- ◆ Built-in curve: more than ten kinds of medical display curves
- ◆ Color:1.07B Brightness:650 \pm 10%cd/m²
- ◆ Input Interface:DVI/VGA/VIDEO/S-VIDEO/YPBPR/HDMI/SDI (for choice)

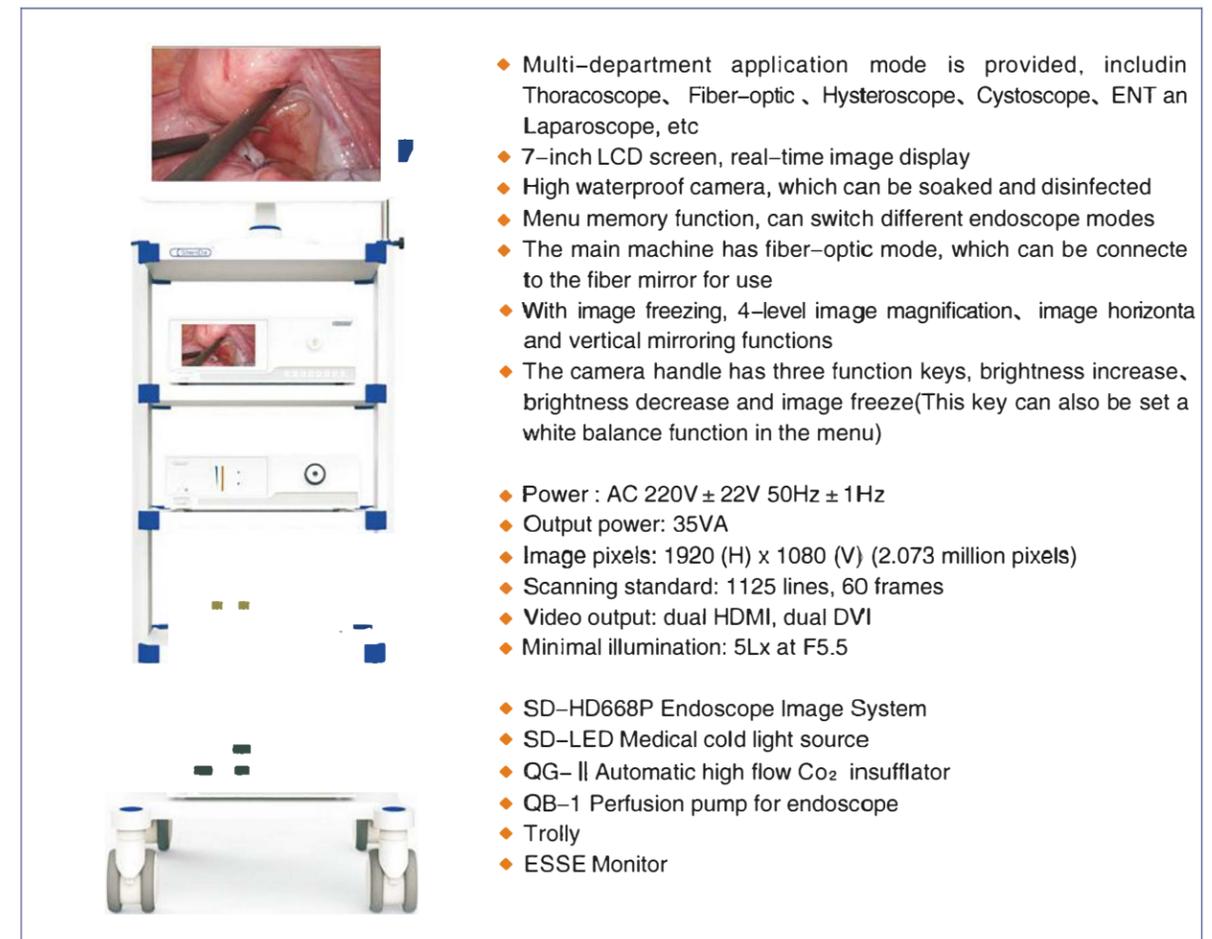
• Endoscope image system



- Convenient operation process, efficient and simple functions;
- ◆ High-resolution synchronous display of real-time dynamic images;
 - ◆ Digitally capture images to ensure that they are clear and realistic;
 - ◆ It has the function of real-time local clipping and blackout collection;
 - ◆ Large capacity and high quality dynamic video storage system;
 - ◆ The software supports calibration, measurement of length and area, and automatic placement of measured values;
 - ◆ Basic operations such as zooming in, zooming out, mirroring and rotating images are supported;
 - ◆ Support image brightness and contrast adjustment, text and region annotation and other functional processing
 - ◆ The diagnostic report supports multiple modes and respects the working habits of doctors. You can click input, select input, fill in the blank, and text input;
 - ◆ There is no limit to the size of printing paper. You can choose to print paper so that it can be used with the hospital standard medical record folder.

Endoscope Imaging System

- ◆ CPU: high-end Acquisition card: high-definition imported chip
- ◆ Memory: 4G Display: 19.5-inch LCD
- ◆ Hard disk: 1T Printer: all-in-one machine
- ◆ Graphics card: integrated graphics card Trolley: medical trolley
- ◆ Output interface: 3-way output of S terminal interface and AV video interface



4K Medical Endoscope Camera System



Product features

- Color reproduction, closer to eye vision
The 4K medical endoscope camera system can reproduce the color , generally same as the original .
- Supporting high color reproduction
Clear display of organ tissue and nature color , improve the surgery safety .
- Large picture, large field of view
Immersive observation , help doctors focus on the surgery
- 4K HD laparoscope with Ultra HD Resolution
Display tiny blood vessels , tiny nerves and tissue levels accurately .
Images are more clear smooth
- With two electronic dyeing functions
The 4K medical endoscope camera system includes features such as vascular enhancement and special spectra.

• 4K 3 Chips camera system



4K 3 Chips camera system
ESD-4K-3P

- ◆ Power supply: 220V、50HZ
- ◆ Input power: 80VA
- ◆ Camera resolution: 3824x2160
- ◆ Image sensor: CMOS sensor
- ◆ Output video signal: HDMI 2.0 4K Ultra HD output

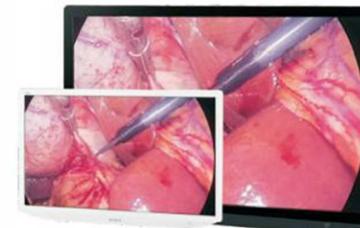
• Medical Endoscope LED cold light source



Medical Endoscope LED cold light source
ESD-LED100

- ◆ Supply voltage: 220V
- ◆ Input power: 125VA
- ◆ Power frequency: 50HZ
- ◆ Spectral properties:①Color rendering index: ≥90
②Color temperature:3000k~7000k
- ◆ Total luminous flux:>550lm
- ◆ Working environment:Temperature +10° C~+40° C
Humidness 30%~75%
Barometric pressure 860hpa~1060hpa
- ◆ Security type:  I type BF type application part

• Medical monitor (High-quality SONY customized)32/55" monitor – extends surgical view



Medical monitor
LMD-X3200MC
LMD-X550MC

- ◆ Size: 32 inches
- ◆ Resolution(H*V): 3840x2160
- ◆ Aspect ratio: 16:9
- ◆ Backlight: LED
- ◆ Consume electricity: Approx. 163W (maximum)
- ◆ Weight: Approx. 11.8kg (SU-600MD optional bracket not assembled)
- ◆ Size: 55 inches
- ◆ Resolution(H*V): 3840x2160
- ◆ Aspect ratio: 16:9
- ◆ Backlight: LED
- ◆ Consume electricity: Approx. 290W (maximum)
- ◆ Weight: Approx. 27kg