



• Code of endoscope

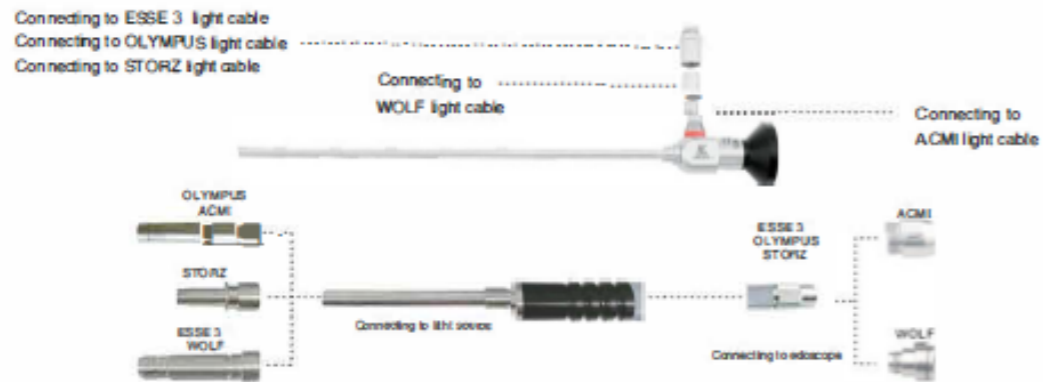


	Endoscopes	Autoclavable endoscope
	<div style="display: flex; align-items: center;"> <div style="margin-right: 5px;">□□□□□</div> <div> <p>G or CG</p> <p>G: wide angle, CG: wider angle</p> <p>Code(English letter)</p> <p>Angle of view direction (Arabic numerals)</p> <p>Kinds of endoscopes(Arabic numerals)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

• Mark of color code

	● 0° / 5°	● 12°	● 30° / 25° 22°	● 45° / 90°	● 70°	○ 110°
---	--------------	----------	-----------------------	----------------	----------	-----------

• How to connect the light cable



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



ESSE3 srl, Via Garibaldi 30
14022 Castelnuovo D.B. (AT)
Tel +39 011 99 27 706
Fax +39 011 99 27 506
e-mail: danielec@esse3-medical.com
web: www.esse3.dreamgest.com



GENERAL CATALOG



Since 1985

ENDOSCOPES



OUR NEW FLEXIBLE DIGITAL VIDEO ENDOSCOPIC LINE



ES-VDS300 Video Duodendoscope



Diameter of Distal-end	Diameter of Insert Tube	View of field	Biopsy channel	Working Length	Depth of View	Resolution	Tip Deflection
Ø12.0mm	Ø12.0mm	100°	Ø3.7mm	1200mm	3-100mm	1000K pixels (cmos)	UP125°;Down 90°;L/R 90°

ES-VPG200 Video Pediatric Gastroscope



Diameter of Distal-end	Diameter of Insert Tube	View of field	Biopsy channel	Working Length	Depth of View	Resolution	Tip Deflection
Ø6.5mm	Ø6.5mm	140°	Ø2.0mm	1030mm	3-100mm	1000K pixels (cmos)	UP180°;Down 90°;L/R 100°

ES-VPC300 Video Pediatric Colonoscope



Diameter of Distal-end	Diameter of Insert Tube	View of field	Biopsy channel	Working Length	Depth of View	Resolution	Tip Deflection
Ø11.0mm	Ø10.8mm	140°	Ø3.2mm	1350mm	3-100mm	1000K pixels (cmos)	UP180°;Down 180°;L/R 160°

ES-Video Rhinolaryngoscope/Cystoscope/Bronchoscope



Name	Diameter of Distal-end	Diameter of Insert Tube	View of field	Biopsy channel	Working Length	Depth of View	Resolution	Tip Deflection
EVR-5 Rhinolaryngoscope	Ø4.9mm	Ø4.9mm	120°	Ø2.2mm	410mm	2-50mm	300K pixels (cmos)	UP160°;Down 130°
EVC-5 Cystoscope	Ø4.9mm	Ø4.9mm	120°	Ø2.2mm	380mm	2-50mm	300K pixels (cmos)	UP160°;Down 130°
EVB-5 Bronchoscope	Ø4.9mm	Ø4.9mm	120°	Ø2.2mm	530mm	2-50mm	300K pixels (cmos)	UP160°;Down 130°



UROLOGY

Cystoscope NP-3	01P
Cystoscope NP-3X	03P
Bipolar resectoscope	05P
Laser shredding endoscope	07P
Resectoscope QD-2	09P
Resectoscope QD-2	11P
Resectoscope QD-2	13P
Ureteroscope SNJ-1	15P
Lithotriptoscope PS-1,PS-1A	17P
Lithotriptoscope PS-3,PS-3A	19P
Urethrotome NQ-2	21P
Urethrotome NQ-2	23P
Transcutaneous nephroscope JS-1	25P
Transcutaneous nephroscope JS-1	27P
Transcutaneous nephroscope JS-1	29P
Accessories for choice	31P

GYNECOLOGY

Hysteroscope XG-5/XG-5A	33P
Hysteroscope ZG-1	35P
Hysteroscope ZG-2	37P
Hysteroscope ZG-3	39P
Hysteroscope ZG-3	41P
Hysteroscope ZG-3A/ZG-3B	43P
Hysteroscope ZG-3A	45P
Hysteroscope ZG-3A	47P
Bipolar resectoscope	49P
Hysteroscope GST-1	51P
Resectoscope QD-2	55P
Resectoscope QD-2	57P
Resectoscope QD-2	59P
Integrated hysteroscope	61P

ORTHOPEDICS

Arthroscope GJ-3	63P
Unilateral biportal endoscopy	69P
YZ-1 Endoscope disectomy system	73P
YZ-1 Endoscope disectomy system φ 10mm	77P

ENT

Sinuscope BD-1	79P
Accessories of sinuscope	82P
Otoscope EJ-1,2,3,4	91P
Laryngoscope HJ-1	93P
Operating laryngoscope HZ-1	95P

LAPAROSCOPE DF

Laparoscope DF	97P
Endoscope, Trocar	98P
Clip applier	99P
Insulated forceps	100P
Needle holder	103P
Double-electrode forceps, Electric hook, Electric pin, Electric spade, Electric knife, Electric coagulator	104P
Knot forceps, Sector forceps, Suction device, Cutting knife	105P
Power-driven uterectomy	106P
Uterus apparatus	107P
Uterine neck forceps, Knot pusher, Clip applier, Coagulation suction unit, Suture forceps, Cholangiography forceps, Single-electric wire	107-108P
Titanium clip, Light cable	108P

ANUS-ENTEROLOGY

Proctoscope CZ-4	109P
Sigmoidoscope CJ-4	111P

Neurosurgery NS-1

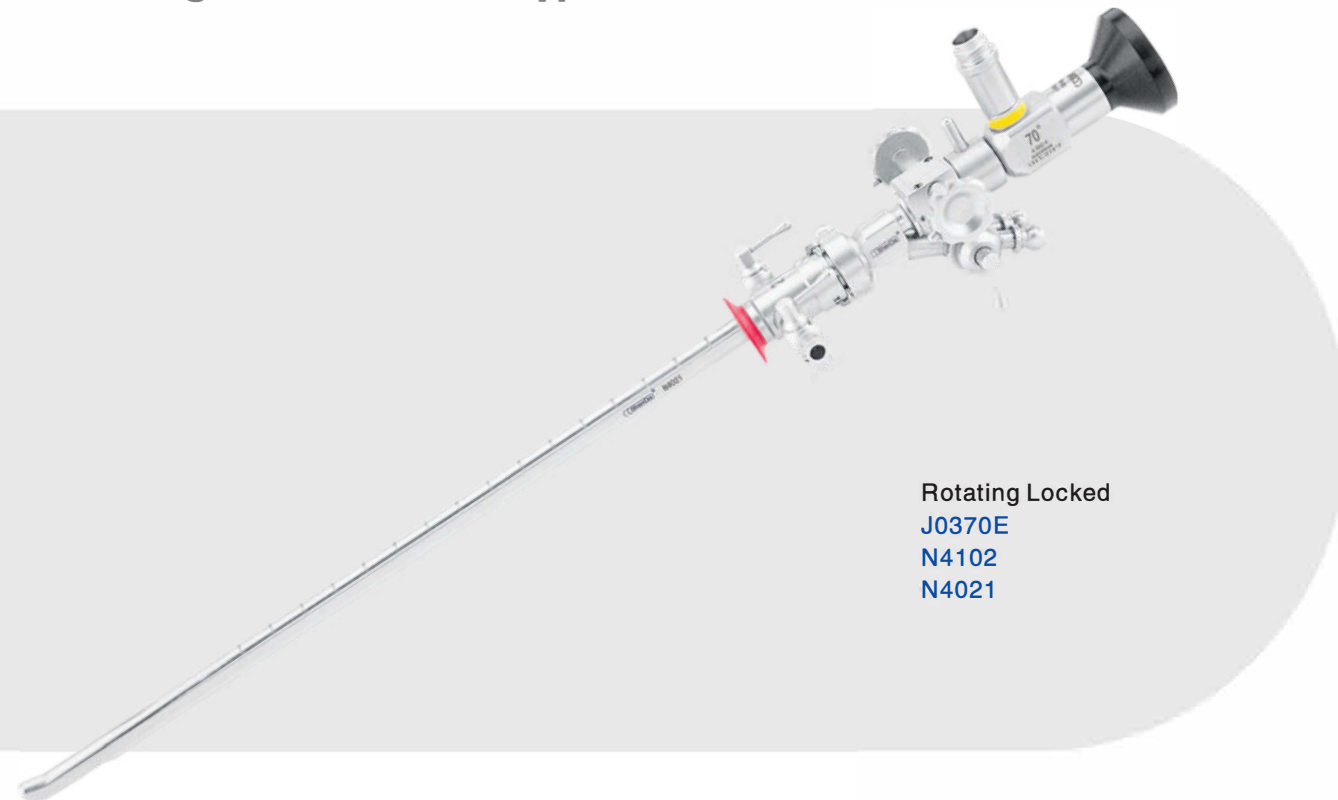
Neuroendoscope system (EEA)	114P
Neuroendoscope system	120P

ACCESSORIES

Electrical equipment	125P
----------------------	------

Cystoscope NP-3

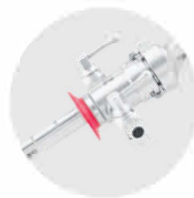
(Rotating Locked/Adult Type)



Rotating Locked
J0370E
N4102
N4021

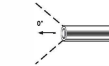
Product features

- 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
- Stainless steel valve, easy for maintenance, avoid damaging
- Handle wheel of working element has ups and downs indicator
- Low temperature plasma sterilization can be used
- The autoclavable endoscope can be chosen



• Endoscope

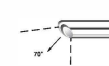
J0300E 0° Endoscope
φ4mm × 302mm



J0330E 30° Endoscope
φ4mm × 302mm



J0370E 70° Endoscope
φ4mm × 302mm

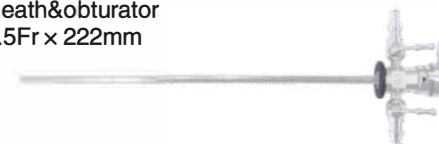


1 Connecting to ESSE 3 light cable
Connecting to OLYMPUS light cable
Connecting to STORZ light cable
2 Connecting to WOLF light cable
3 Connecting to ACMI light cable



• Sheath&obturator

N4015 Sheath&obturator
15.5Fr × 222mm



N4021 Sheath&obturator
21Fr × 231mm



N4019 Sheath&obturator
19.8Fr × 231mm



N4022 Sheath&obturator
22.5Fr × 231mm



• Endoscope bridge, Working element

N4102 Working element(Double channels)
φ3.5mm(instrument channel)



N4201 Endoscope bridge(Single channel)
φ3.5mm(instrument channel)



• Instrument

N5171 Flexible biopsy forceps
7Fr × 370mm



N5173 Flexible foreign body forceps
7Fr × 370mm



N5172 Flexible saw-tooth forceps
7Fr × 370mm



N5271 Flexible scissors
7Fr × 370mm



• Accessories

T7201 In-flow valve



U8601C Cleaning rod
φ3mm × 340mm



T7211 Out-flow valve



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



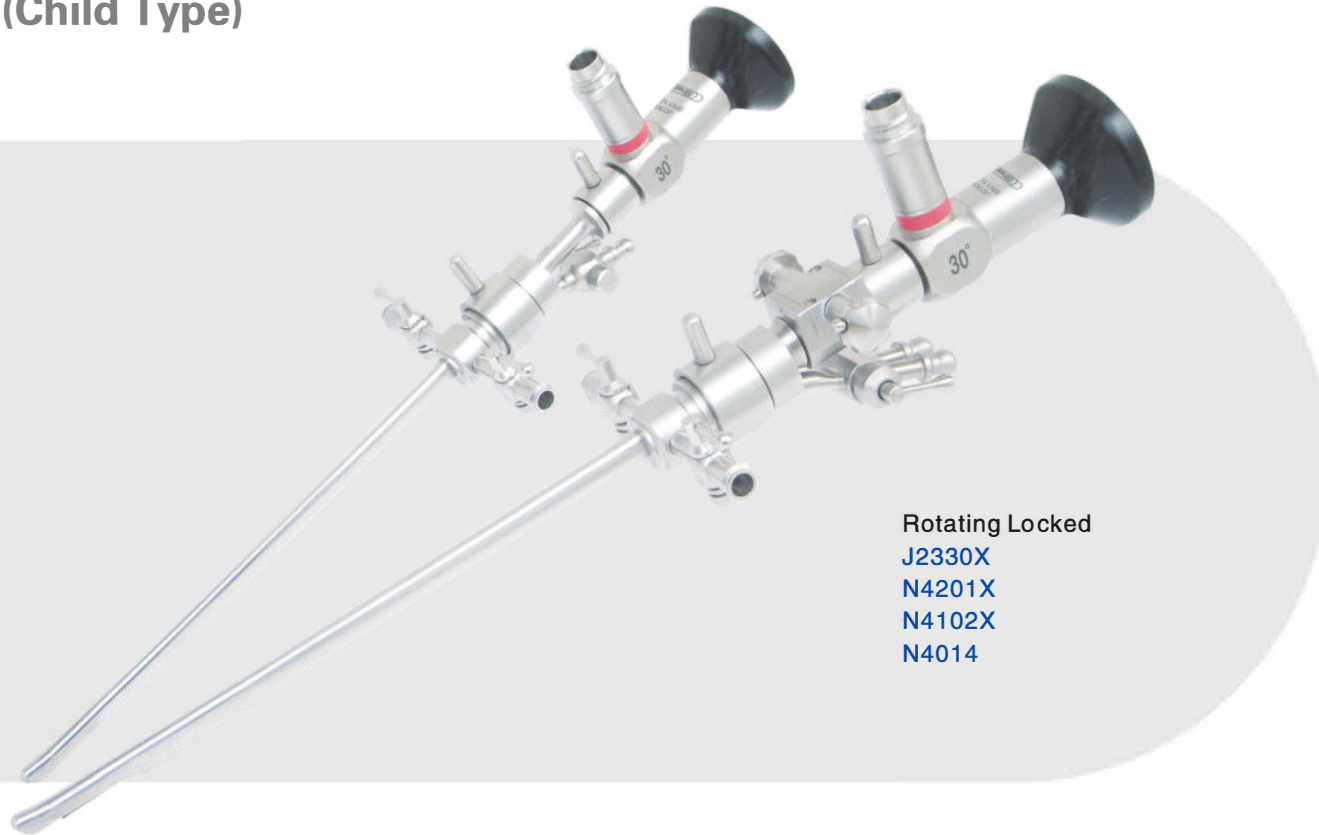
T7303 Sealed cap



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

Cystoscope NP-3X

(Child Type)



Rotating Locked
J2330X
N4201X
N4102X
N4014

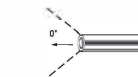
Product features

- 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
- Stainless steel valve, easy for maintenance, avoid damaging
- Handle wheel of working element has ups and downs indicator
- The autoclavable endoscope can be chosen
- Low temperature plasma sterilization can be used

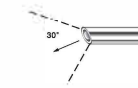


• Endoscope

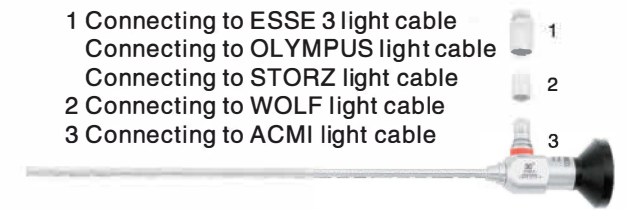
J2300X 0° Endoscope
φ2.7mm × 190mm



J2330X 30° Endoscope
φ2.7mm × 190mm



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



• Sheath&obturator

N4009 Sheath&obturator
9Fr × 150mm



N4014 Sheath&obturator
14Fr × 135mm



N4011 Sheath&obturator
11Fr × 135mm



• Endoscope bridge, Working element

N4102X Working element
(Double channels)



N4201X Endoscope bridge
(Single channel)



• Instrument



N5152 Flexible saw-tooth forceps
5Fr × 280mm



N5151 Flexible biopsy forceps
5Fr × 280mm



N5153 Flexible foreign body forceps
5Fr × 280mm



• Accessories

T7201 In-flow valve



U8602 Cleaning rod
φ2.5mm × 340mm



T7211 Out-flow valve



U8724 Light cable
φ4mm × 2m
φ4mm × 3m

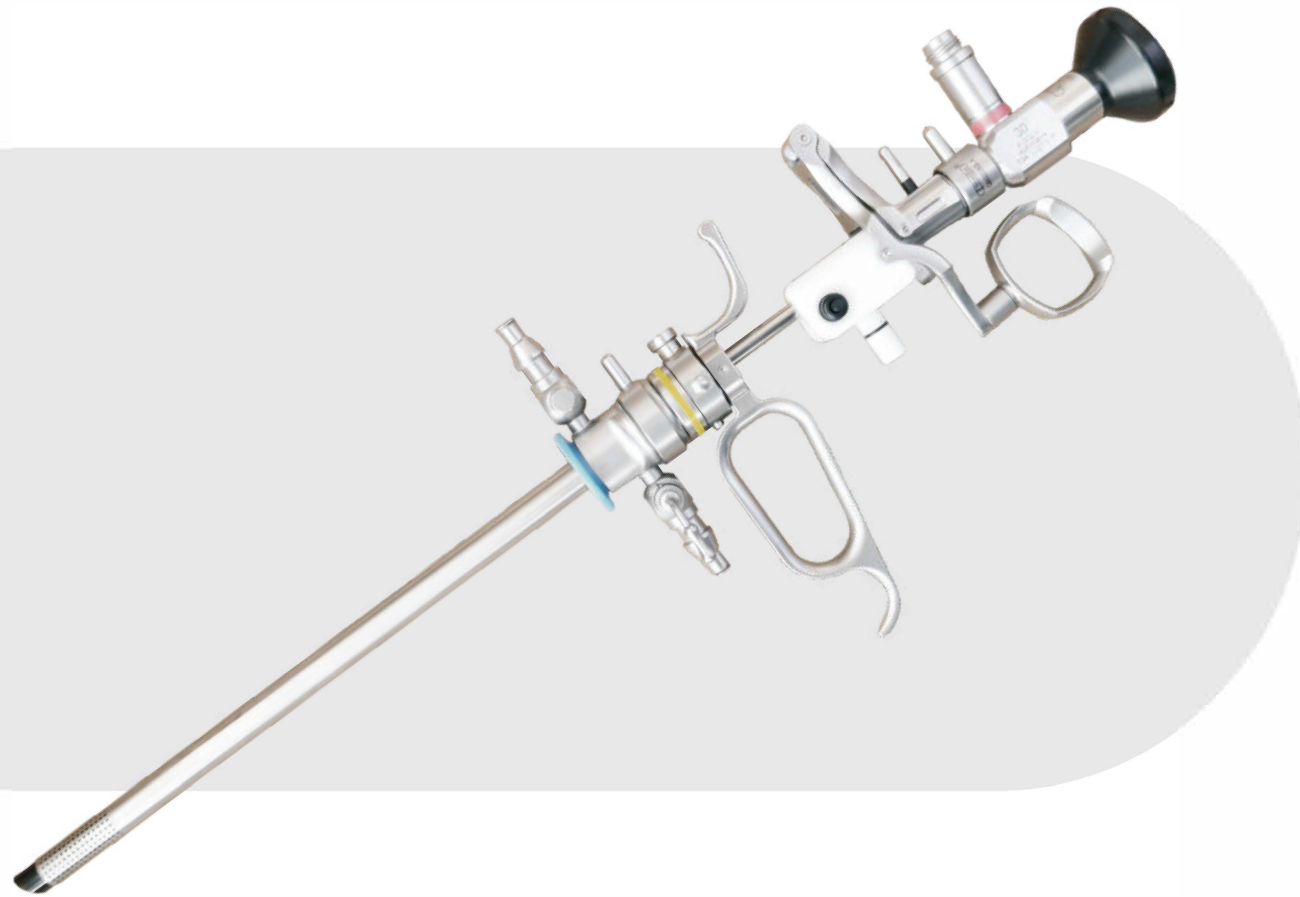


T7303 Sealed cap



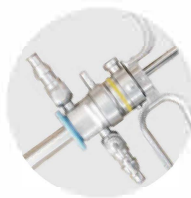
1. Connecting to ESSE 3 fountain
Connecting to WOLF fountain
2. Connecting to STORZ fountain

Bipolar Resectoscope



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



• Endoscope

J0330E 30° Endoscope
φ4mm × 302mm



• Sheath&obturator

Q4024XS.A Inner sheath(with obturator)
24Fr × 190mm



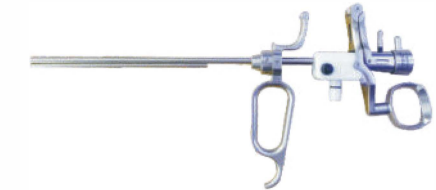
Q4026XS.A Outer sheath
26Fr × 180mm



• Working element

Q6020XS.A Working element (Passive)

Q6010XS.A Working element (Active)



• Cutting loops

Q6211L Roll cutting loops

Q6221L Needle-style cutting loops(90°)

Q6211L1 Needle-style cutting loops(135°)

Q6211LC Spade-style cutting loops

Q6211LA Cutting loops (Ring head: Platinum iridium)



• Accessories

T7201 In-flow valve



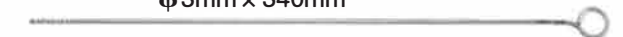
Q4402XS Connector



Q4033XS.A Valve seat (Match with inner sheath)



U8601C Cleaning rod
φ3mm × 340mm



U8303 Suction device(Allik)



U8724 Light cable
φ4mm × 2m
φ4mm × 3m

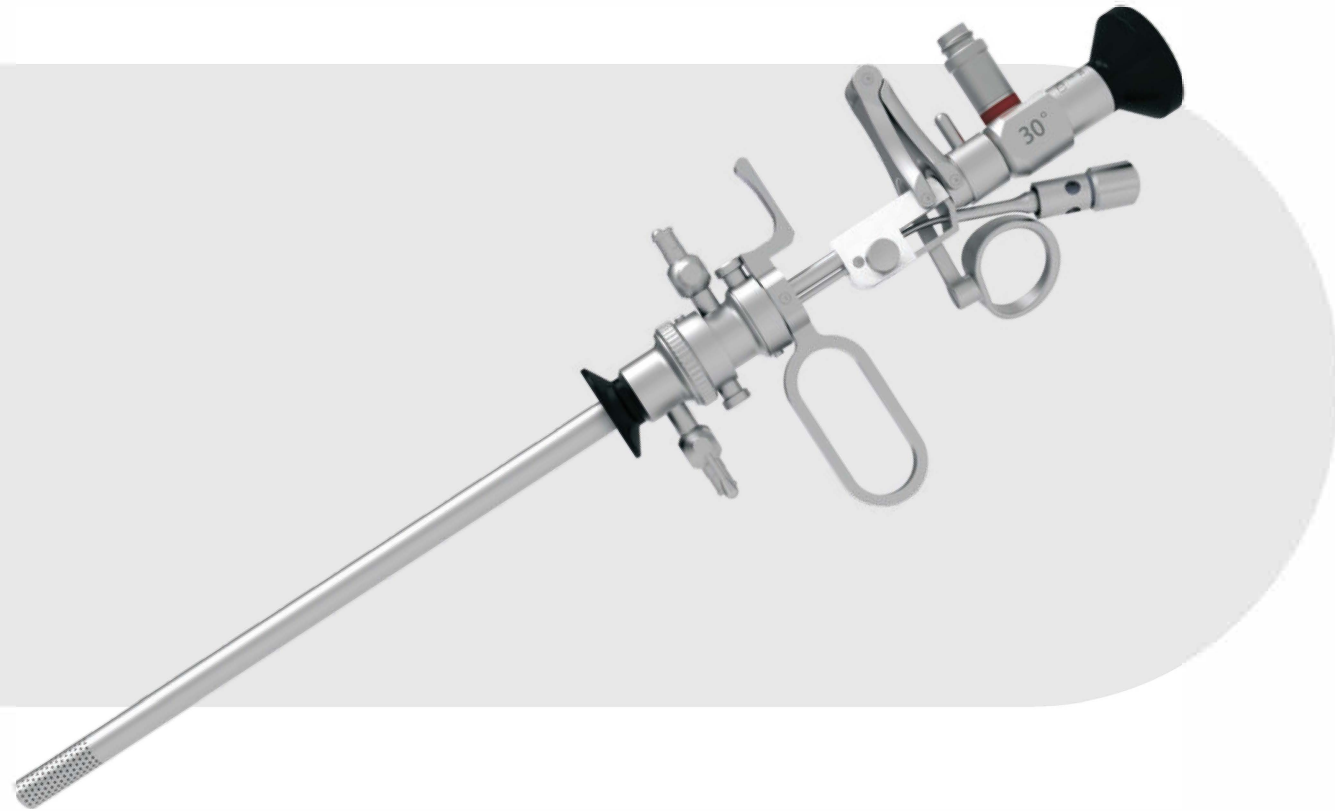


U8307 Suction device(Hoffman-type)



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

Laser Shredding Endoscope



Product features

- Endoscope adopts imported stainless steel material
- Endoscope adopts German optic glass, light fiber and light cone
- Sapphire lens cover never abrasion
- Adopt the patented technology of rod optical lens, clear field of view
- Removable light fiber wire, maximum internal channel diameter up to 1.3mm



• Endoscope

J0330E 30° Endoscope
φ4mm × 302mm



JY0800GF 0° Endoscope (Z type)
φ5mm instrument channel
(Matched with Q4026HG)



• Sheath&obturator

Q4025G Inner sheath&obturator
25Fr × 218mm



Q4026HG Outer sheath&obturator
26Fr × 181mm



• Working element

JG6020C2 Working element
(Passive, Snap-in and out, Locking device)



JG6020B2-5 Light fiber locking device



T7124P Protective sheath



• Accessories

T7201 In-flow valve



Q4402XS Connector



U8601C Cleaning rod
φ3mm × 340mm



JY0530-0-15 Sealed cap



U8303 Suction device (Allik)
(for choice)



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



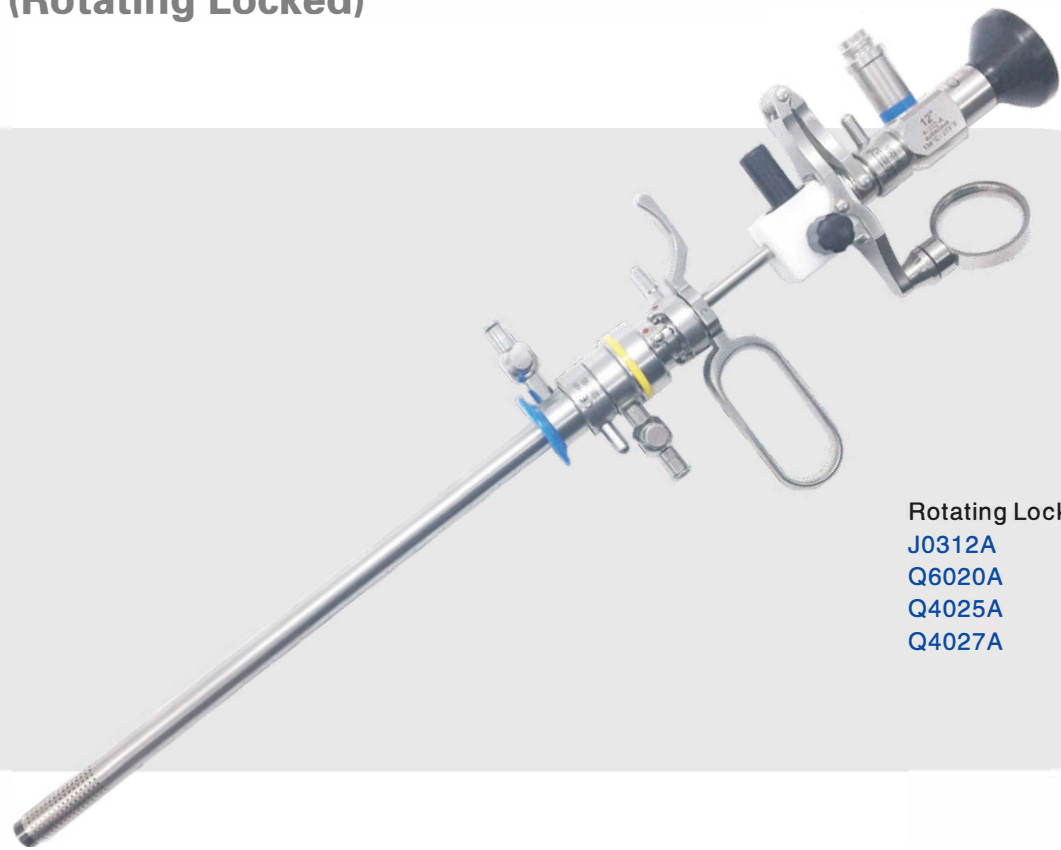
U8307 Suction device (Hoffman-type)
(for choice)



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

Resectoscope QD-2

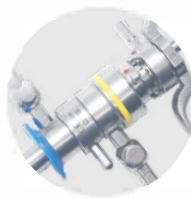
(Rotating Locked)



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 3 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&obturator
25Fr × 208mm



Q4027A Outer sheath
27Fr × 180mm



Q4077A Obturator for outer sheath(Active)



• Working element

Q6020A Working element(Passive)

Q6010A Working element(Active)



Passive

• Cutting loops

Q6211 Cutting loops
φ4mm × 285mm



Q6221 Needle-style cutting loops
φ4mm × 285mm



Q6213 Cutting tumour loops
φ4mm × 285mm



Q6301 Roll cutting loops
φ4mm × 285mm



Q6302 Spade-style cutting loops
φ4mm × 285mm



• Fistula instrument

Q4516 Fistula instrument
16Fr × 112mm



Q4518 Fistula instrument
18Fr × 112mm



Q4520 Fistula instrument
20Fr × 112mm

Q4522 Fistula instrument
22Fr × 112mm

Q4524 Fistula instrument
24Fr × 112mm

• HF cord, Suction device, Light cable

T7201 In-flow valve



U8412B HF cord
3m



U8303 Suction device(Allik)
(for choice)



U8307 Suction device(Hoffman-type)
(for choice)



U8601C Cleaning rod
φ3mm × 340mm



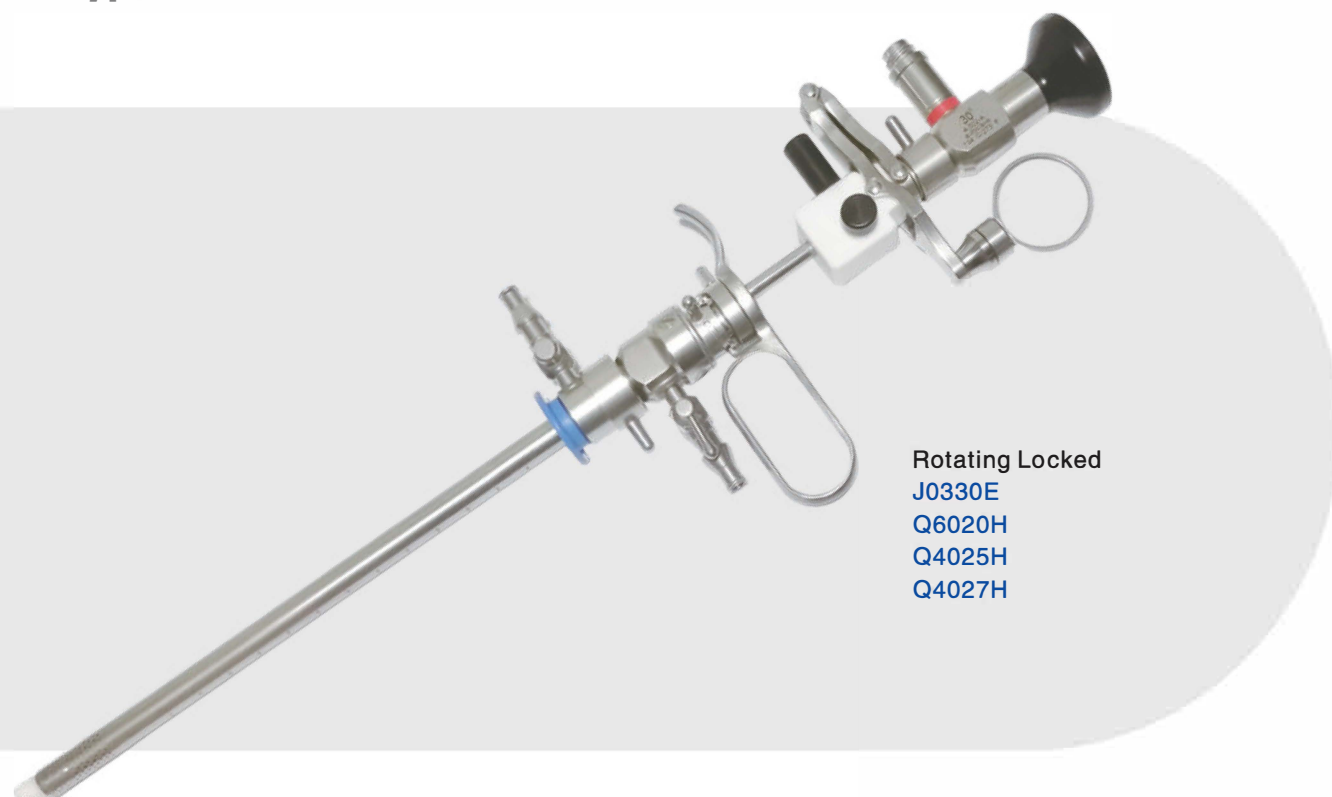
U8724 Light cable
φ4mm × 2m
φ4mm × 3m



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

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
- 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
- Active and passive can be chosen freely
- Low temperature plasma sterilization can be used
- Thumb ring is movable and more convenient

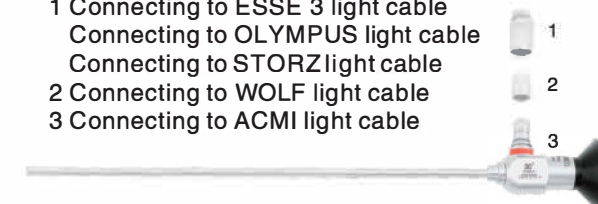


• Endoscope

J0330E 30° Endoscope
φ4mm × 302mm



1 Connecting to ESSE 3 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

Q4025H Inner sheath& obturator(Oblique lip)
24Fr × 194mm



Q4077H Obturator for outer sheath
(Active)



Q4027H Outer sheath
26Fr × 175mm



• Working element

Q6020H Working element(Passive)

Q6010H Working element(Active)



Passive

• Cutting loops

Q6221S1 Needle-style cutting loops
φ4mm × 288mm



Q6301S1 Roll cutting loops
φ4mm × 287mm



Q6211S3 Cutting loops
φ4mm × 281mm



Q6302S1 Spade-style cutting loops
φ4mm × 282mm



• Fistula instrument

Q4516 Fistula instrument
16Fr × 112mm



Q4520 Fistula instrument
20Fr × 112mm

Q4518 Fistula instrument
18Fr × 112mm



Q4522 Fistula instrument
22Fr × 112mm

Q4524 Fistula instrument
24Fr × 112mm

• HF cord, Suction device, Light cable

T7201 In-flow valve



U8601C Cleaning rod
φ3mm × 340mm



U8412B HF cord
3m



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



U8303 Suction device(Allik)
(for choice)



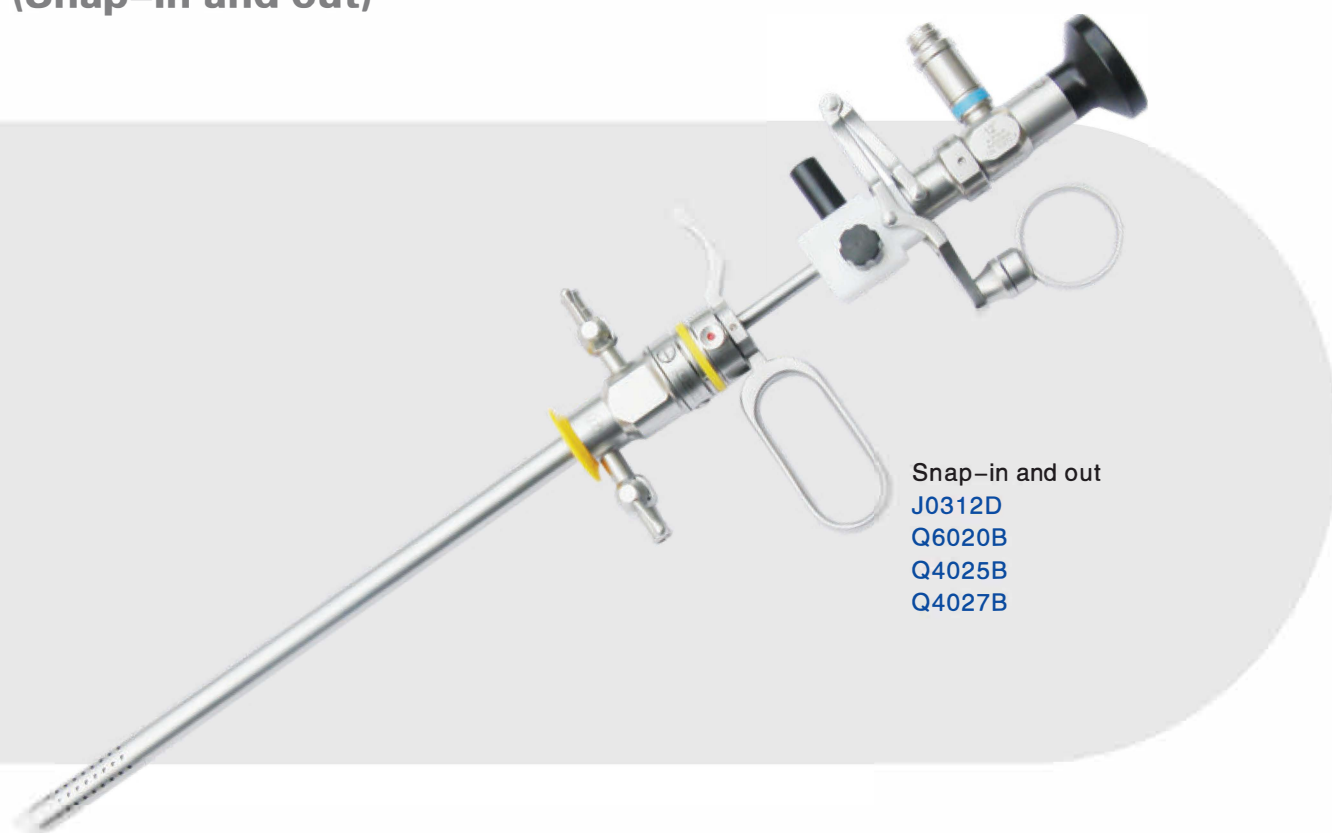
U8307 Suction device(Hoffman-type)
(for choice)



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

Resectoscope QD-2

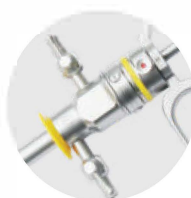
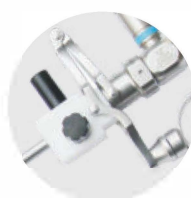
(Snap-in and out)



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 or passive can be chosen freely
- Stainless steel valve, easy for maintenance, avoid damaging
- Low temperature plasma sterilization can be used
- When the inner sheath & outer sheath keep still, working element, endoscope and cutting loops can rotate 360° freely, with continuous perfusion



• Endoscope

J0312D 12° Endoscope
φ4mm × 305mm

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



• Sheath&obturator,Valve

Q4025B Inner sheath&obturator(Oblique lip)
25Fr × 195mm



Q4027B Outer sheath
27Fr × 180mm



Q4033 Inner sheath valve



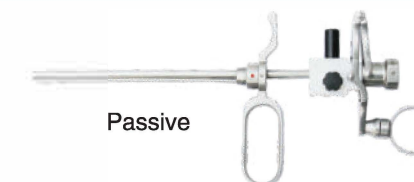
Q4077B Obturator for outer sheath(Active)



• Working element

Q6020B Working element(Passive)

Q6010B Working element(Active)



Passive

• Cutting loops

Q6211 Cutting loops
φ4mm × 285mm



Q6221 Needle-style cutting loops
φ4mm × 285mm



Q6213 Cutting tumour loops
φ4mm × 285mm



Q6301 Roll cutting loops
φ4mm × 285mm



Q6302 Spade-style cutting loops
φ4mm × 285mm



• Fistula instrument

Q4518 Fistula instrument
18Fr × 112mm



• HF cord,Suction device,Light cable

T7201 In-flow valve



U8412B HF cord
3m



U8303 Suction device(Allik)



U8307 Suction device(Hoffman-type)



U8601C Cleaning rod
φ3mm × 340mm



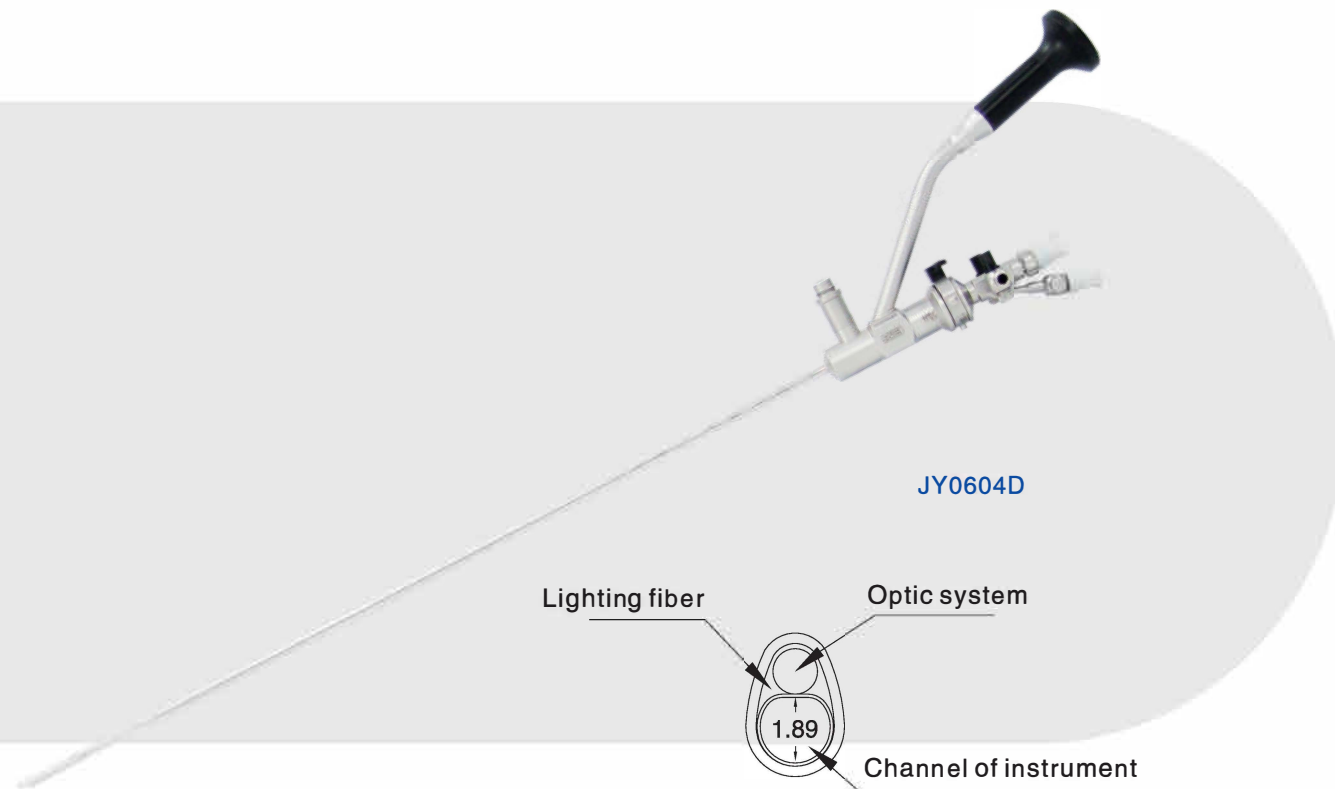
U8724 Light cable
φ4mm × 2m
φ4mm × 3m

1 2



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

Ureteroscope SNJ-1



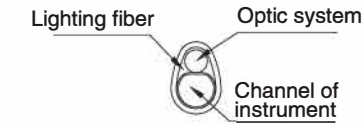
Product features

- Endoscope adopt imported stainless steel material, assembled in Germany
- Adopt the imported image bundles, can stand proper bending
- Eliminate the reticulate pattern in the field of view, make image clear
- With direction index, sapphire lens cover, never abrasion
- Sleek insert part, tapering outer sheath, avoid scratches
- The angle of direction is 15°, easy to observe the position of instrument in the field of view
- Separate endoscope from water valve and instrument, easy to disinfect and operate
- All instruments adopt imported stainless steel material
- Double water valves make the perfusion smooth

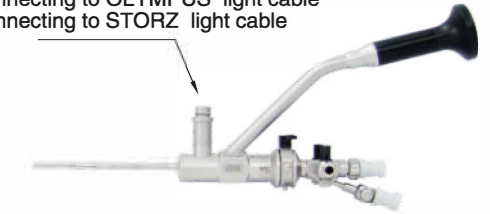


• Endoscope

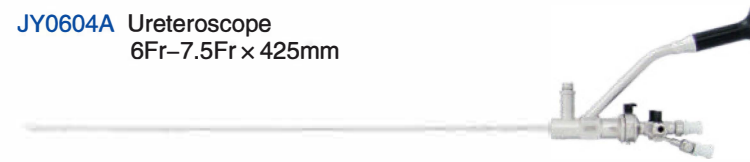
JY0604D Ureteroscope
7.5Fr-10Fr
Working length 425mm
(Matched with 5Fr instrument)



Connecting to ESSE 3 light cable
Connecting to OLYMPUS light cable
Connecting to STORZ light cable



JY0604A Ureteroscope
6Fr-7.5Fr x 425mm



• Dilator

S5609 Dilator
9Fr x 600mm



S5612 Dilator
12Fr x 600mm



S5610 Dilator
10.5Fr x 600mm



S5613 Dilator
13.5Fr x 600mm



• Instrument, Stone basket

S5051 Rigid biopsy forceps
5Fr x 605mm



S5052 Rigid foreign body forceps
5Fr x 605mm



S5051.1 Rigid biopsy forceps
4Fr x 605mm



S5052.1 Rigid foreign body forceps
4Fr x 605mm



• Light cable, Accessories

T7303 Sealed cap

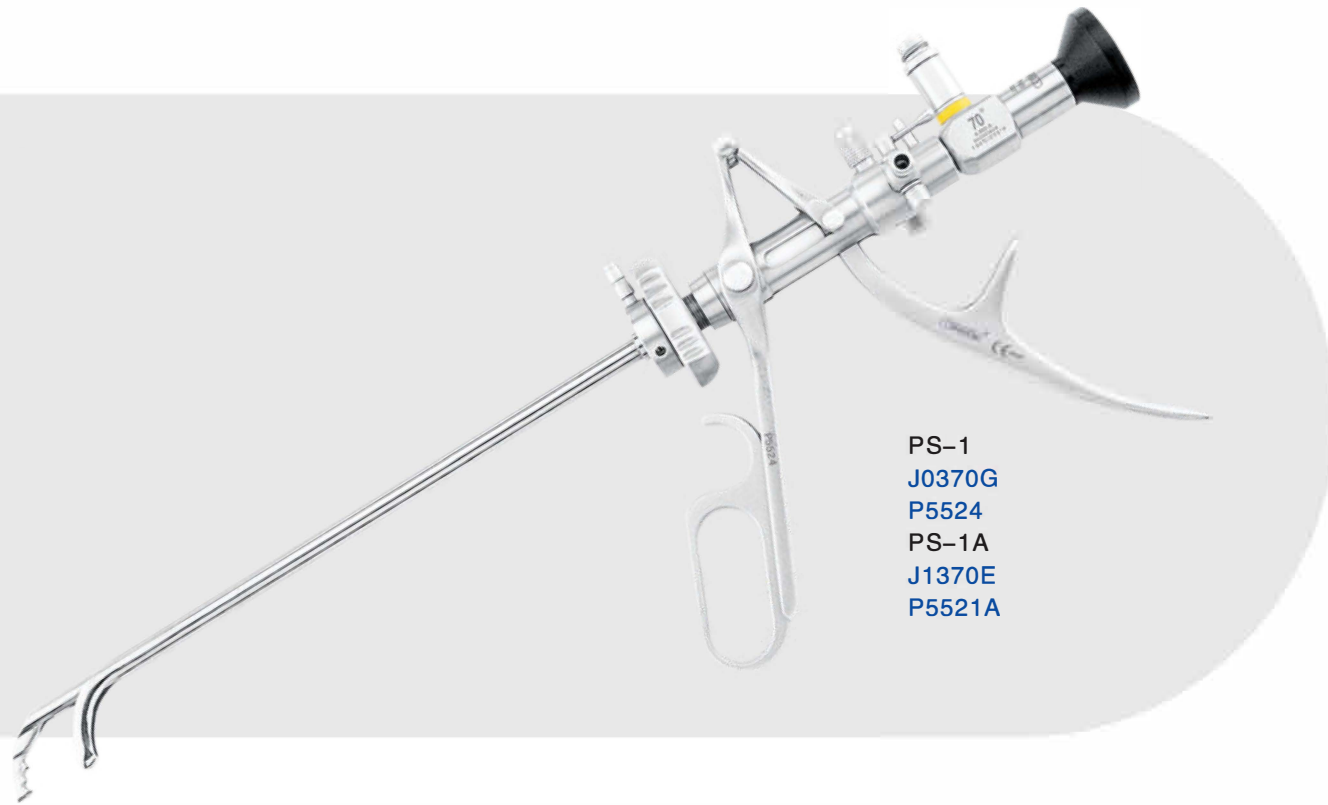


U8724 Light cable
φ4mm x 2m
φ4mm x 3m



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

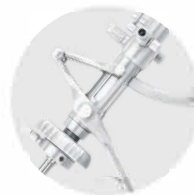
Lithotriptoscope PS-1,PS-1A



PS-1
J0370G
P5524
PS-1A
J1370E
P5521A

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
- Stainless steel valve, easy for maintenance, avoid damaging
- The autoclavable endoscope can be chosen
- Adopt wide angle of field endoscope, can see the forceps



• Lithotriptoscope PS-1

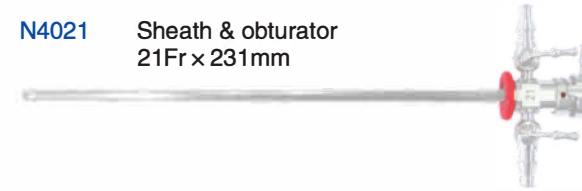
J0370G 70° Endoscope(Angle of field: 90°)
φ4mm × 302mm



P5524 Stone forceps
24Fr × 220mm



N4021 Sheath & obturator
21Fr × 231mm



• Light cable,Suction device

U8303 Suction device(Allik)



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



U8307 Suction device(Hoffman-type)



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

• Lithotriptoscope PS-1A

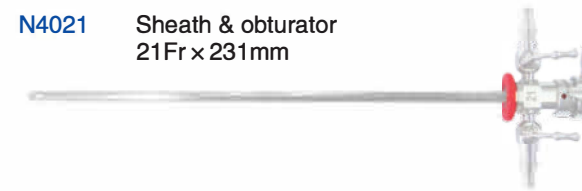
J1370G 70° Endoscope
φ3mm × 302mm



P5521A Stone forceps
21Fr



N4021 Sheath & obturator
21Fr × 231mm



• Light cable,Suction device

U8303 Suction device(Allik)



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



U8307 Suction device(Hoffman-type)



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

Lithotriptoscope PS-3,PS-3A



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
- Stainless steel valve, easy for maintenance, avoid damaging
- The autoclavable endoscope can be chosen
- The abnormal straight tube lithotriptoscope has better insertability, less trauma and convenient, simple operation
- Increasing the contact area of the abnormal straight tube lithotriptoscope and the calculi, with sharp lithotriptoscope mouth



• Lithotriptoscope PS-3(Abnormal straight)

J0312A 12° Endoscope
φ4mm × 302mm



P5526A Abnormal straight tube forceps
25Fr × 210mm



P4026A Sheath&obturator
25Fr × 210mm



• Light cable,Suction device

T7201D In-flow valve



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



T7211D Out-flow valve



U8303 Suction device(Allik)



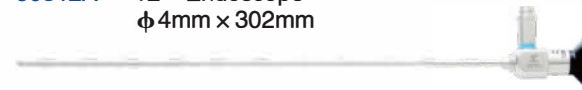
- 1.Connecting to ESSE 3 fountain
Connecting to WOLF fountain
- 2.Connecting to STORZ fountain

U8307 Suction device(Hoffman-type)



• Lithotriptoscope PS-3A(Abnormal straight Continuous water)

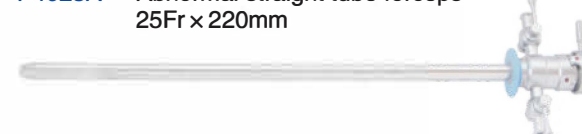
J0312A 12° Endoscope
φ4mm × 302mm



P5525A Sheath&obturator
25Fr × 220mm



P4025A Abnormal straight tube forceps
25Fr × 220mm



• Light cable,Suction device

U8303 Suction device(Allik)



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



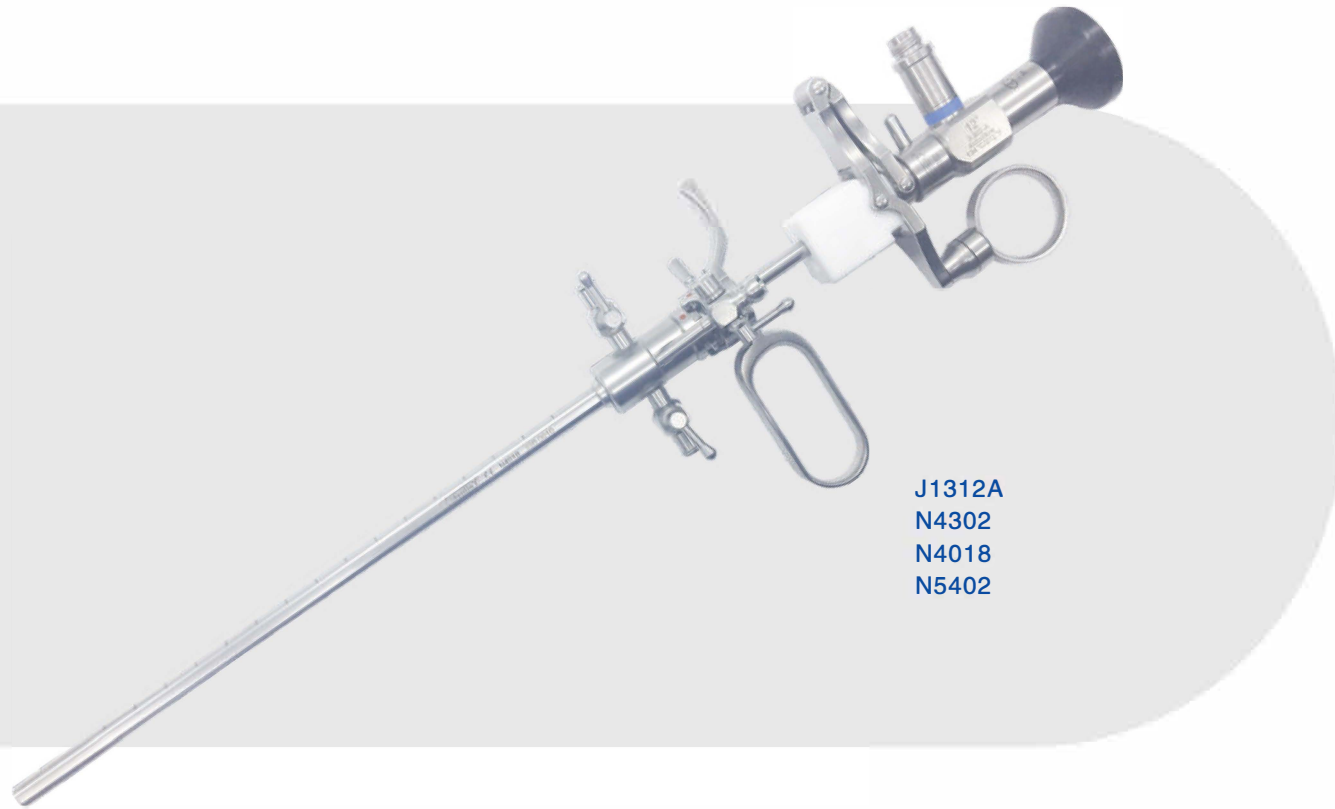
U8307 Suction device(Hoffman-type)



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

Urethrotome NQ-2

(Matched with 3mm endoscope)



J1312A
N4302
N4018
N5402

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
- Stainless steel valve, easy for maintenance, avoid damaging
- 3Fr guide wire can be inserted through the working valve of sheath, the inserted wire can guide the cold knife to work and insure the operation continue safely



• Endoscope

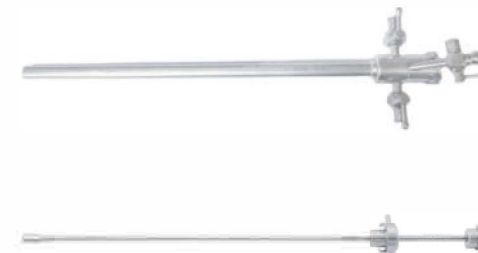
J1312A 12° Endoscope
φ3mm × 302mm

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



• Cutting device, Sheath & obturator, Half-round sheath

N4018 Sheath & obturator
18.5Fr × 199mm



N4001 Half-round sheath
21.7Fr × 180mm



N4302 Cutting device



• Cold knife

N5401 Lance style knife
φ3mm × 282mm



N5402 Half round knife
φ3mm × 282mm



N5403 Triangle knife
φ3mm × 282mm



• Light cable, Suction device

N5804 Ureter catheter
3Fr



U8601C Cleaning rod
φ3mm × 340mm



T7303 Sealed cap



U8724 Light cable
φ4mm × 2m
φ4mm × 3m

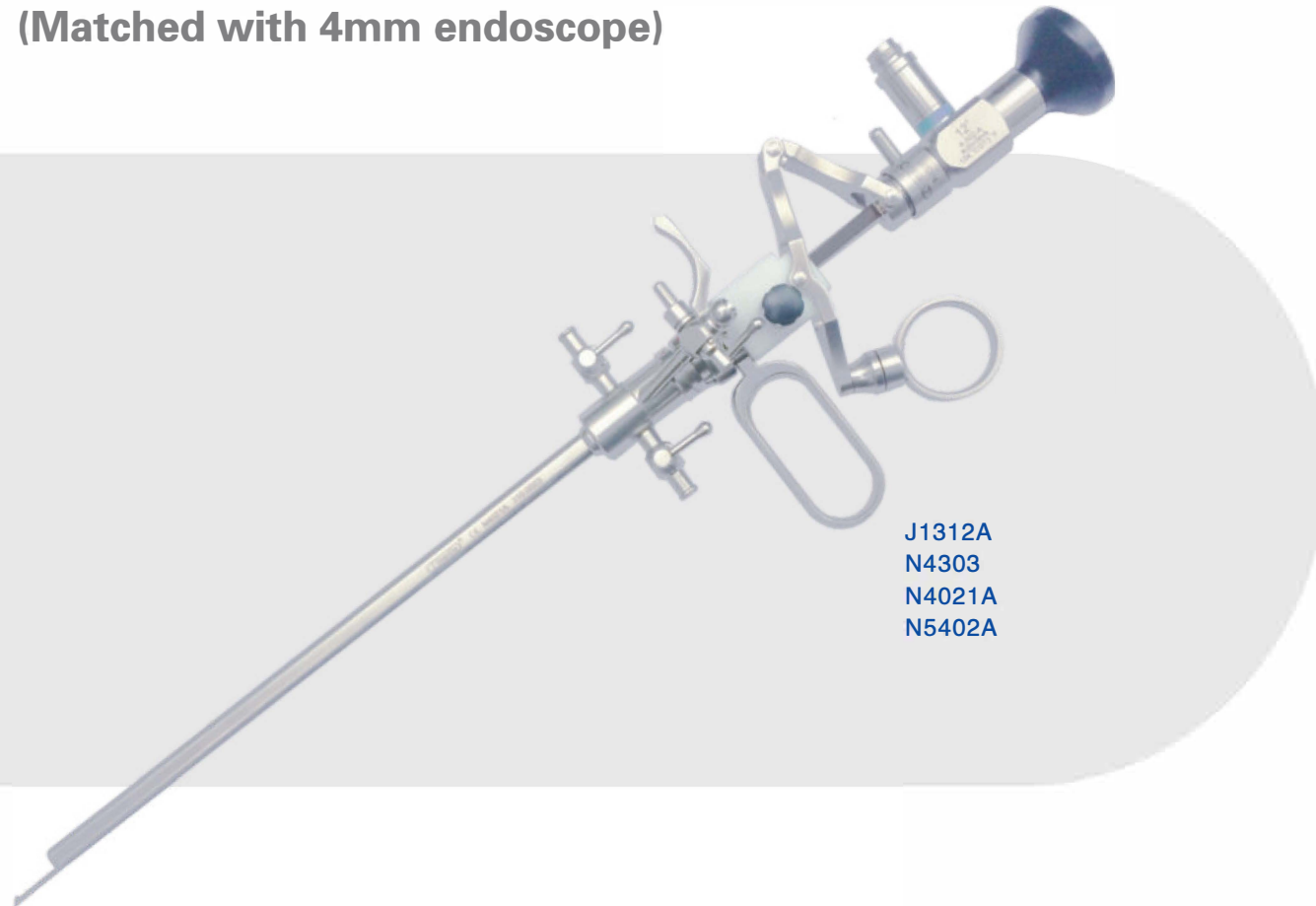
1 2



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

Urethrotome NQ-2

(Matched with 4mm endoscope)



J1312A
N4303
N4021A
N5402A

Product features

- Endoscope adopts imported stainless steel material
- 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
- Stainless steel valve, easy for maintenance, avoid damaging



• Endoscope

J0312A 12° Endoscope
φ4mm × 302mm

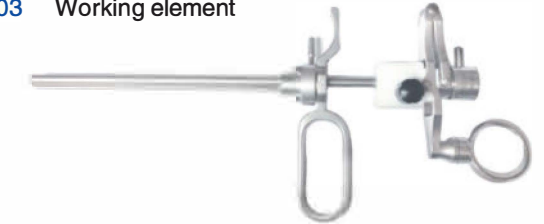


• Working element, Sheath & obturator, Half-round sheath

N4001A Half-round sheath
24.2Fr × 180mm



N4303 Working element



N4021A Sheath & obturator
21Fr × 197mm



• Cold knife



N5401A Lance style knife
φ4mm × 284mm



N5402A Half round knife
φ4mm × 284mm



N5403A Triangle knife
φ4mm × 284mm



• Accessories

N5804 Ureter catheter
3Fr



U8601C Cleaning rod
φ3mm × 340mm



T7303 Sealed cap



U8724 Light cable
φ4mm × 2m
φ4mm × 3m

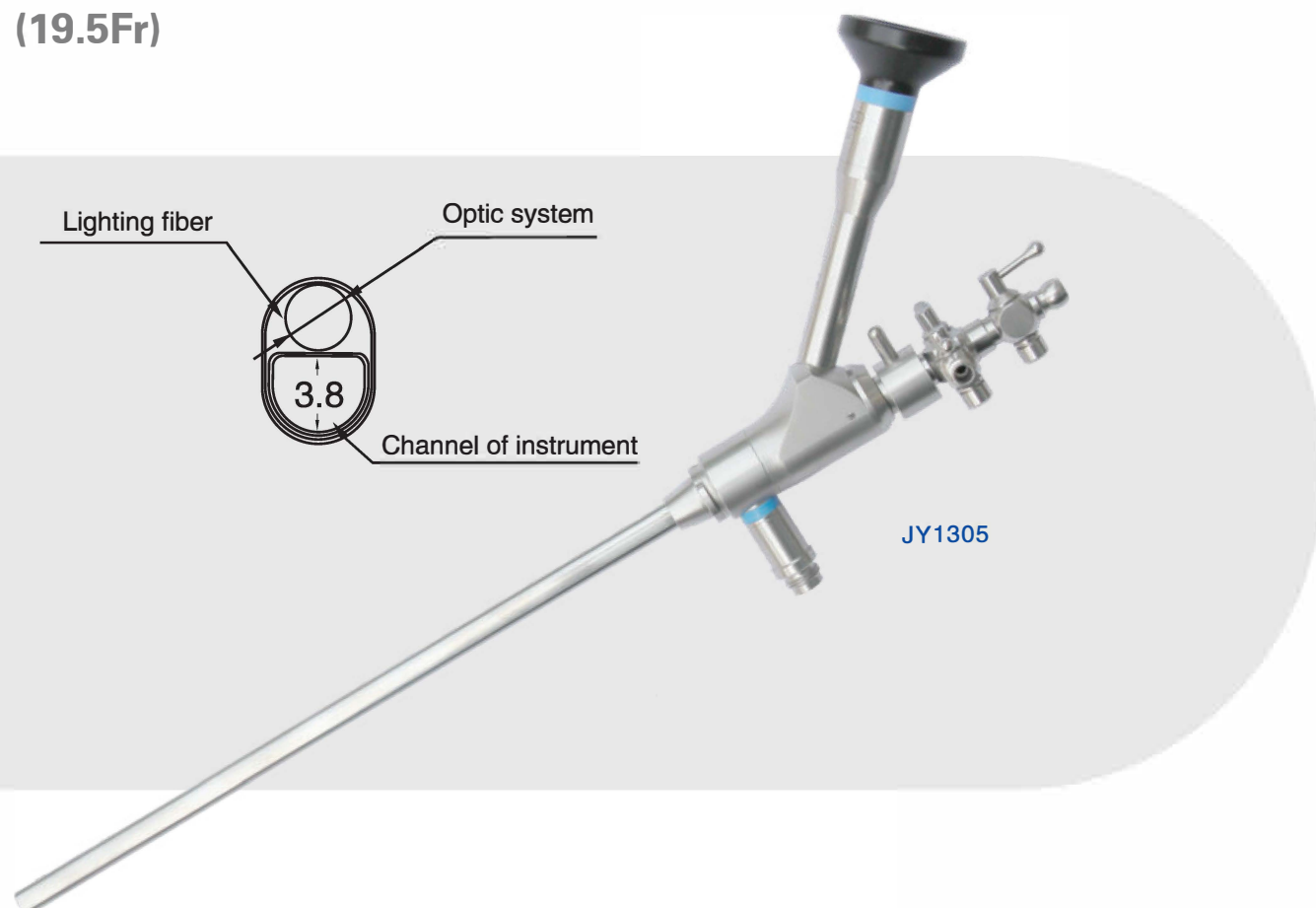
1 2



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

Transcutaneous nephroscope JS-1

(19.5Fr)



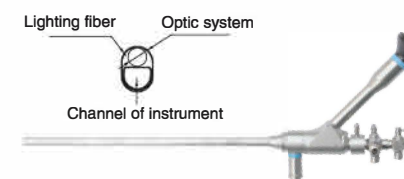
Product features

- 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
- Stainless steel valve, easy for maintenance, avoid damaging
- The guide wire can be inserted into the obturator channel
- The endoscope and valve can be separated, easy for operation and sterilization



• Endoscope, Sheath & Obturator

JY1305 5° Oblique endoscope
19.5Fr × 205mm
(Matched with 10.5Fr instrument)



S4024 Sheath & obturator
24Fr × 185mm



• Puncture cannula, Dilating cannula, Dilator

S4506 Puncture cannula
6Fr × 205mm



S5621A Dilator
8-24Fr



S5611 Dilating cannula
11Fr × 135mm



• Dilating rod, Groove cannula, Suction tube

S4410 Suction tube
10.5Fr × 350mm



S5639 Rigid dilating rod
9Fr × 580mm



S4424 Groove cannula
24Fr × 215mm



S5649 Flexible dilating rod
9Fr × 580mm



• Instrument (U shape spring handle)

S5041 Saw-tooth grasping forceps
9Fr × 370mm



S5044 Biopsy grasping forceps
9Fr × 360mm



S5042 Stone forceps
9Fr × 365mm



S5045 Peanut forceps
9Fr × 360mm



S5043 Alligator mouth grasping forceps
9Fr × 360mm



• Light cable, Accessories

T7201 In-flow valve



S4410 Suction tube
10.5Fr × 350mm



T7211 Out-flow valve



U8601C Cleaning rod



T7303 Sealed cap



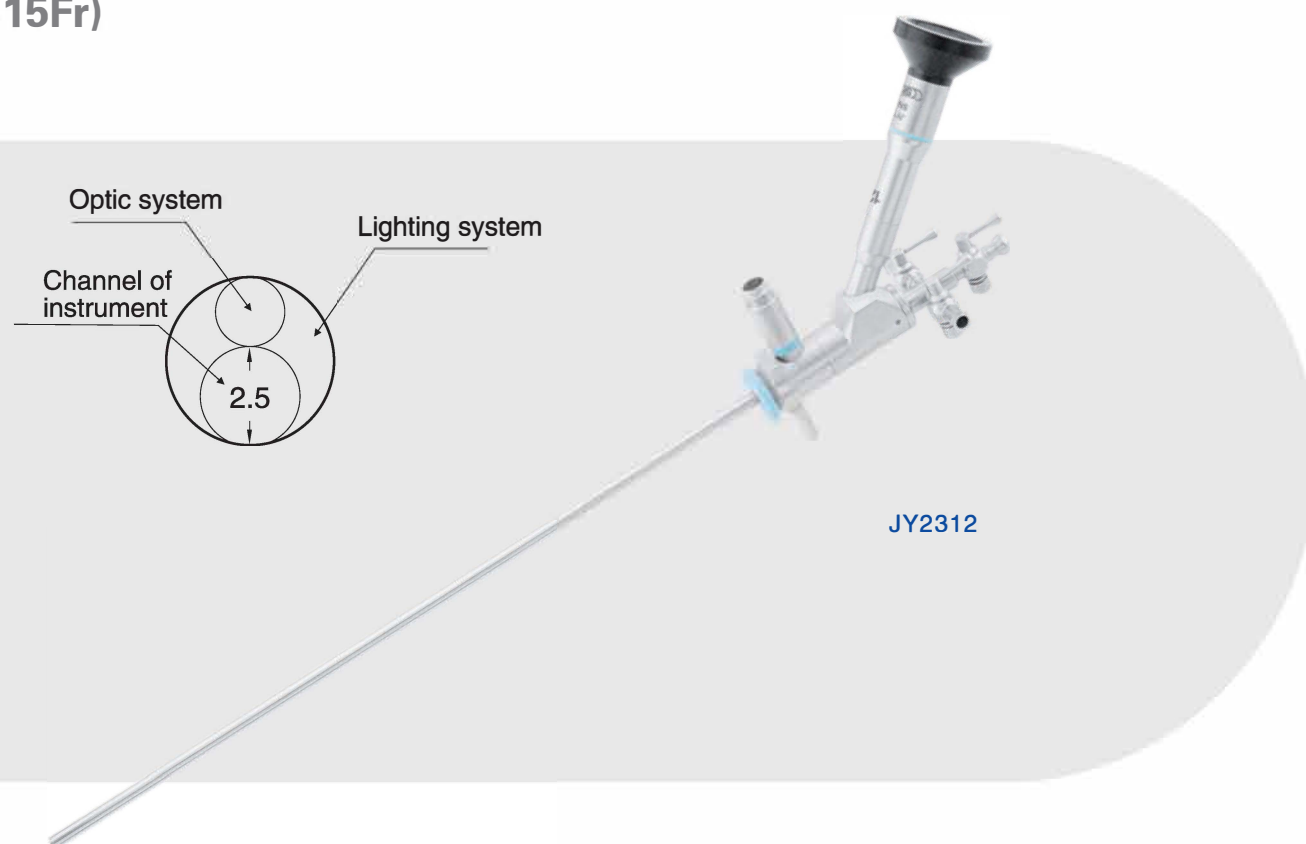
U8724 Light cable
φ4mm × 2m
φ4mm × 3m



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

Transcutaneous nephroscope JS-1

(15Fr)



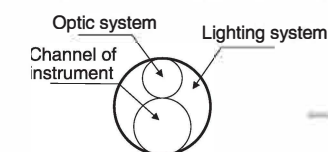
Product features

- 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
- Stainless steel valve, easy for maintenance, avoid damaging



• Endoscope

JY2312 12° Oblique endoscope
15Fr × 280mm
(Matched with 10.5Fr instrument)



• Puncture cannula, Dilating cannula, Dilator

S4506 Puncture cannula
6Fr × 205mm



S5621B Dilator
8–22.5Fr



S5611 Dilating cannula
11Fr × 135mm



• Dilating rod

S5639 Rigid dilating rod
9Fr × 580mm



S5649 Flexible dilating rod
9Fr × 580mm



• Instrument (U shape spring handle)

S5048A Saw-tooth grasping forceps
6Fr × 420mm



S5050 Rigid grasping forceps
5Fr × 420mm



• Light cable, Accessories

T7201 In-flow valve



T7211 Out-flow valve



T7303 Sealed cap



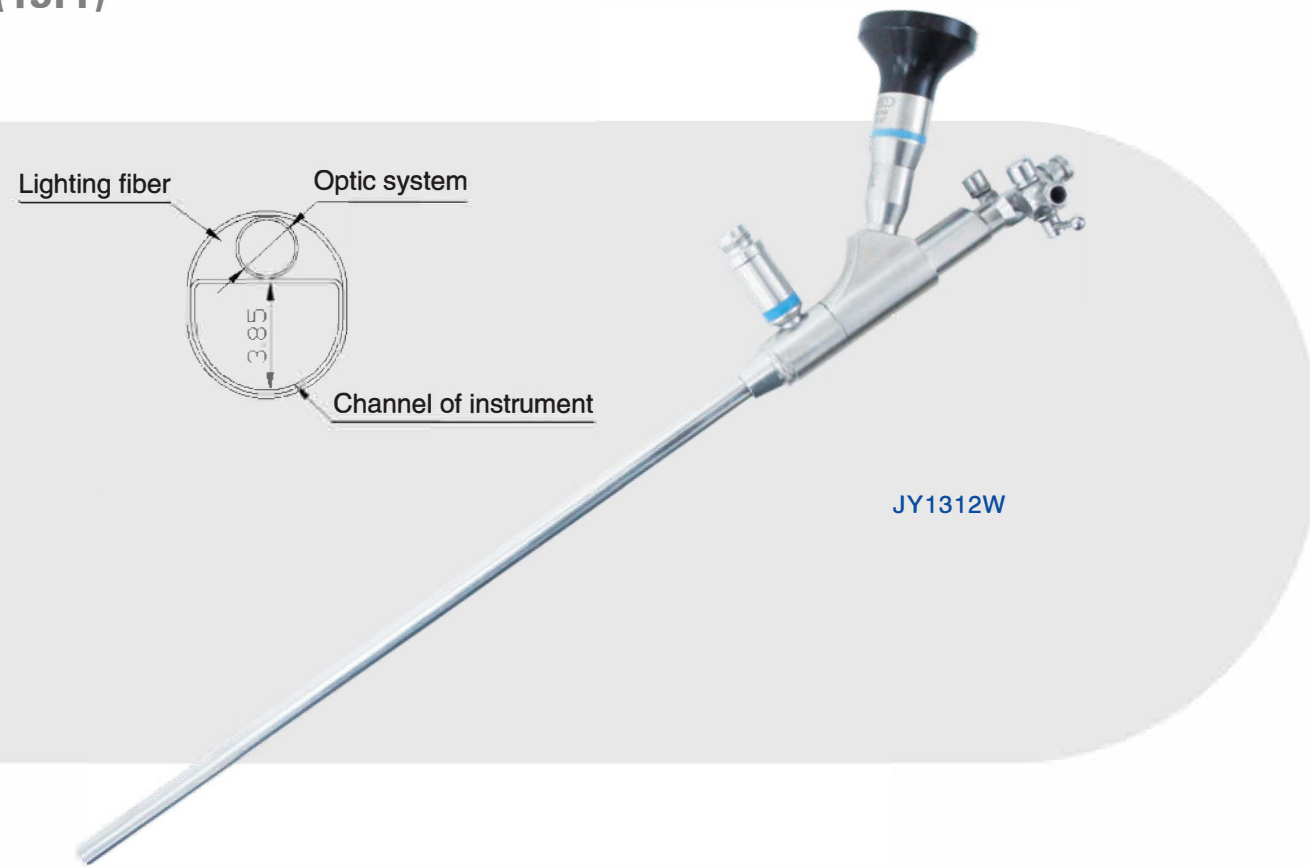
U8724 Light cable
φ4mm × 2m
φ4mm × 3m



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

Transcutaneous nephroscope JS-1

(19Fr)



Product features

- Endoscope adopt 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
- Stainless steel valve, easy for maintenance, avoid damaging
- The guide wire can be inserted into the obturator channel
- The endoscope and valve can be separated, easy for operation and sterilization



• Endoscope, Sheath & Obturator

JY1312W 12° Endoscope
19Fr × 226.5mm



S4024T Outer sheath
24Fr × 150mm



S4021T Sheath & obturator
21.6Fr × 200mm



• Puncture cannula, Dilating cannula, Dilator

S4506 Puncture cannula
6Fr × 205mm



S5611 Dilating cannula
11Fr × 135mm



S5621C Dilator (Match with S4024T)
8–24Fr



• Dilating rod, Groove cannula, Suction tube

S4410 Suction tube
10.5Fr × 350mm



S5639 Rigid dilating rod
9Fr × 580mm



S4424T Groove cannula
24Fr × 140mm



S5649 Flexible dilating rod
9Fr × 580mm



• Instrument (U shape spring handle)

S5041 Saw-tooth grasping forceps
9Fr × 370mm



S5044 Biopsy grasping forceps
9Fr × 360mm



S5042 Stone forceps
9Fr × 365mm



S5045 Peanut forceps
9Fr × 360mm



S5043 Alligator mouth grasping forceps
9Fr × 360mm



• Light cable, Accessories

T7201 In-flow valve



U8601C Cleaning rod
φ4mm × 340mm



T7211 Out-flow valve



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



JY0530-0-15 Sealed cap
(Matched with JY1312W)



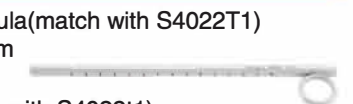
1. Connecting to ESSE 3 fountain
Connecting to WOLF fountain
2. Connecting to STORZ fountain

• Accessories

S4022T1 Outer sheath
22.5Fr × 150mm




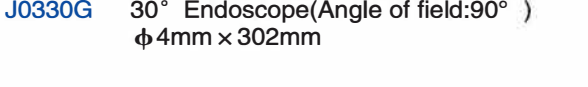
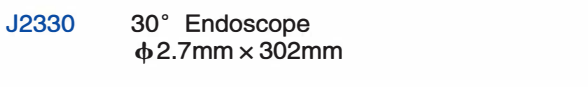
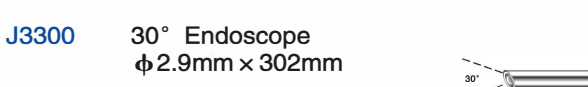

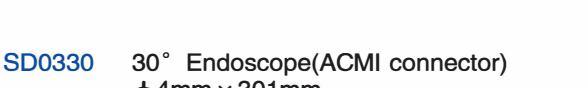

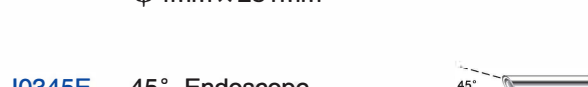
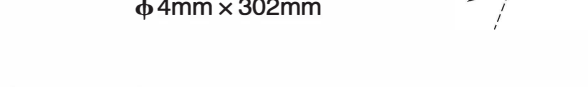
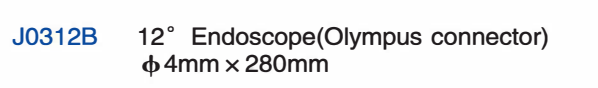
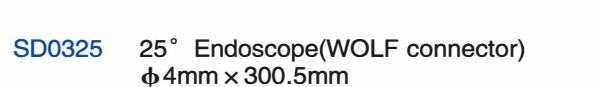
S4422T Groove cannula (match with S4022T1)
22Fr × 140mm



S5621D Dilator (match with S4022T1)
9–22Fr



• Endoscope

	J0330G 30° Endoscope(Angle of field:90°) φ4mm × 302mm		J2330 30° Endoscope φ2.7mm × 302mm
J0300G 0° Endoscope (Angle of field:90°) φ4mm × 302mm		J3300 30° Endoscope φ2.9mm × 302mm	
J0300B 0° Endoscope (Olympus connector) φ4mm × 281mm	J0330YG 30° Endoscope(GYRUS connector) φ4mm × 301mm	J0330B 30° Endoscope(Olympus connector) φ4mm × 281mm	
J0312C 12° Endoscope(Angle of field:55°) φ4mm × 300mm	SD0330 30° Endoscope(ACMI connector) φ4mm × 301mm	J0345E 45° Endoscope φ4mm × 302mm	
J2200T1 0° Endoscope φ2.7mm × 302mm		J2370 70° Endoscope φ2.7mm × 302mm	
J0312YG 12° Endoscope(GYRUS connector) φ4mm × 300mm	J0370B 70° Endoscope(Olympus connector) φ4mm × 282mm	J0325S 25° Endoscope	
J0312B 12° Endoscope(Olympus connector) φ4mm × 280mm	J03110C 110° Endoscope(Storz connector) φ4mm × 302mm		
SD0325 25° Endoscope(WOLF connector) φ4mm × 300.5mm			
J0325GY 25° Endoscope(GYRUS connector) φ4mm × 301.7mm			

• Dilator

Multifunctional dilator 8–32Fr	N5608 8Fr	N5610 10Fr	N5612 12Fr	N5614 14Fr
	N5616 16Fr	N5618 18Fr	N5620 20Fr	N5622 22Fr
	N5624 24Fr	N5626 26Fr	N5628 28Fr	N5630 30Fr
	N5632 32Fr			

• Visible urethra-dilator

N5642 Visible urethra-dilator (8Fr–26Fr)		15Fr Head of dilator	
		18Fr Head of dilator	
		20Fr Head of dilator	
		24Fr Head of dilator	
		26Fr Head of dilator	


• Tray for fistula instrument

Q4516P Tray for fistula instrument 16Fr	Q4518P Tray for fistula instrument 18Fr	
Q4520P Tray for fistula instrument 20Fr	Q4522P Tray for fistula instrument 22Fr	
Q4524P Tray for fistula instrument 24Fr		

• Rigid instrument for cystoscope

N5001 0° Rigid biopsy forceps		N5032 30° Rigid foreign body forceps	
		N5072 70° Rigid foreign body forceps	
N5002 0° Rigid foreign body forceps		N5331 30° Rigid scissors	
N5031 30° Rigid biopsy forceps			
N5071 70° Rigid biopsy forceps			

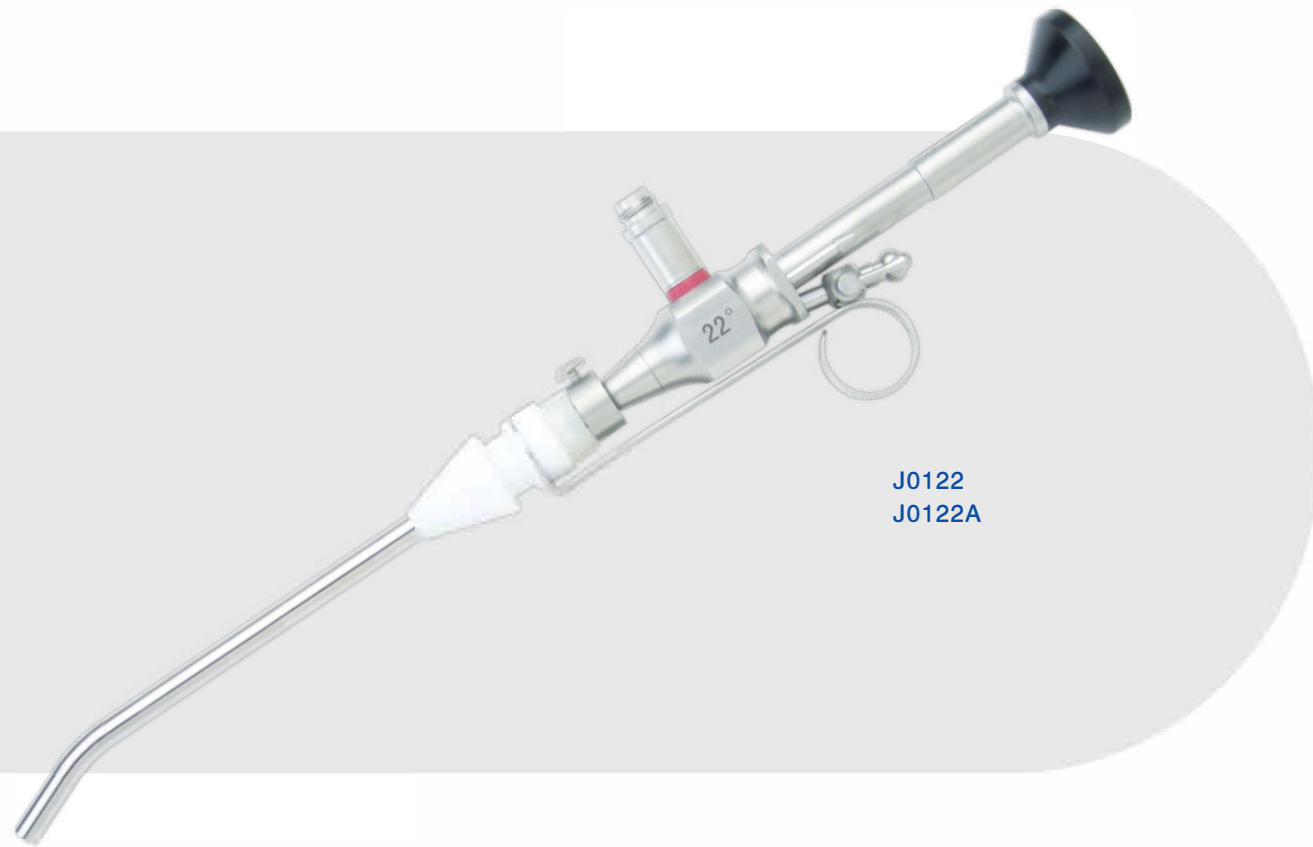
• Endoscope bridge

JY0604D-2 Endoscope bridge(Matched with WOLF endoscope)	
N4202 Endoscope bridge(Double channel)	
N4200 Endoscope bridge(Without channel)	

• Accessories

U8302B Suction device(Needle-tube type)		N6406 Coagulation electrode 6Fr × 455mm	
N4701 Penis clamp			

Hysteroscope XG-5/XG-5A



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 3 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 | |

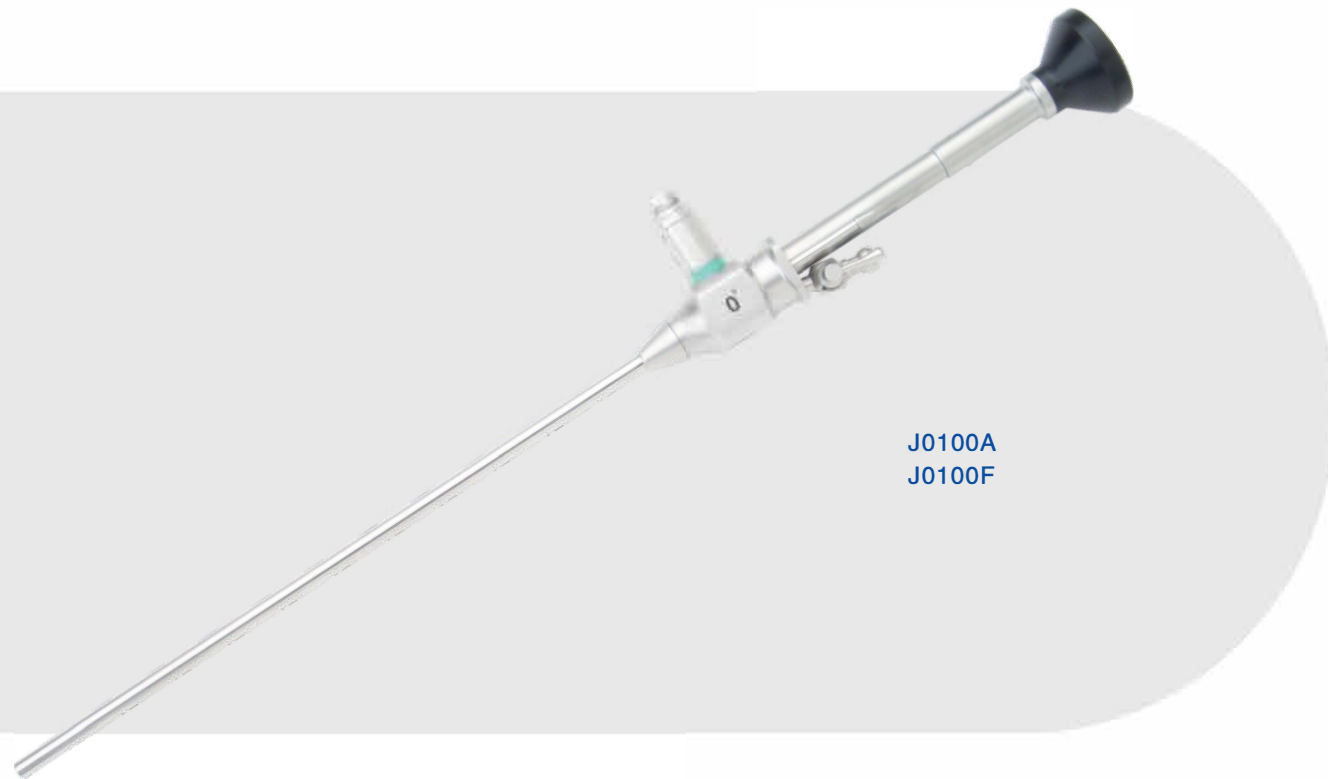
• Flexible brush, Sealed cap, Steel wire, Light cable

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

Hysteroscope ZG-1



J0100A
J0100F

Product features

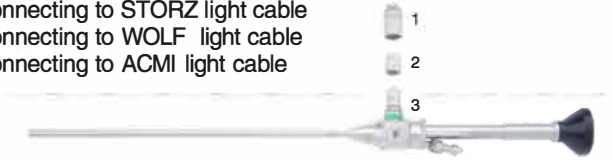
- Endoscope adopts imported stainless steel material
- Endoscope adopts German optic glass, light fiber and light cone
- Adopt the patented technology of rod optical lens, clear field of view
- With direction index, sapphire lens cover never abrasion
- The unique 22° curved tube can make doctor find 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
φ 6.2mm × 200mm
- J0100F 0° Endoscope(ZG-1A type)
φ 5.2mm × 200mm

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



• Instrument

Instrument with normal handle



Instrument with metal handle



X5161A Flexible biopsy forceps
6Fr × 385mm



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
φ 0.8 × 300mm



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



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

• Accessories



X5164 Flexible saw tooth forceps
6Fr × 385mm



X5164B Flexible saw tooth forceps
(Metal handle)
6Fr × 385mm



X5165A Flexible foreign body forceps
6Fr × 385mm



X5165B Flexible foreign body forceps
(Metal handle)
6Fr × 385mm



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



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



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



J0100AR Straight tube hysteroscope(Straight tube)
φ 6.2mm × 205mm

J0100FR Straight tube hysteroscope(Straight tube)
φ 5.2mm × 205mm

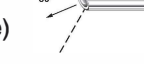
J0112 12° Endoscope(Straight tube)
φ 5.2mm × 200mm



J0130 30° Endoscope(Straight tube)
φ 6.2mm × 200mm



J0130A 30° Endoscope(Straight tube)
φ 5.2mm × 200mm



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

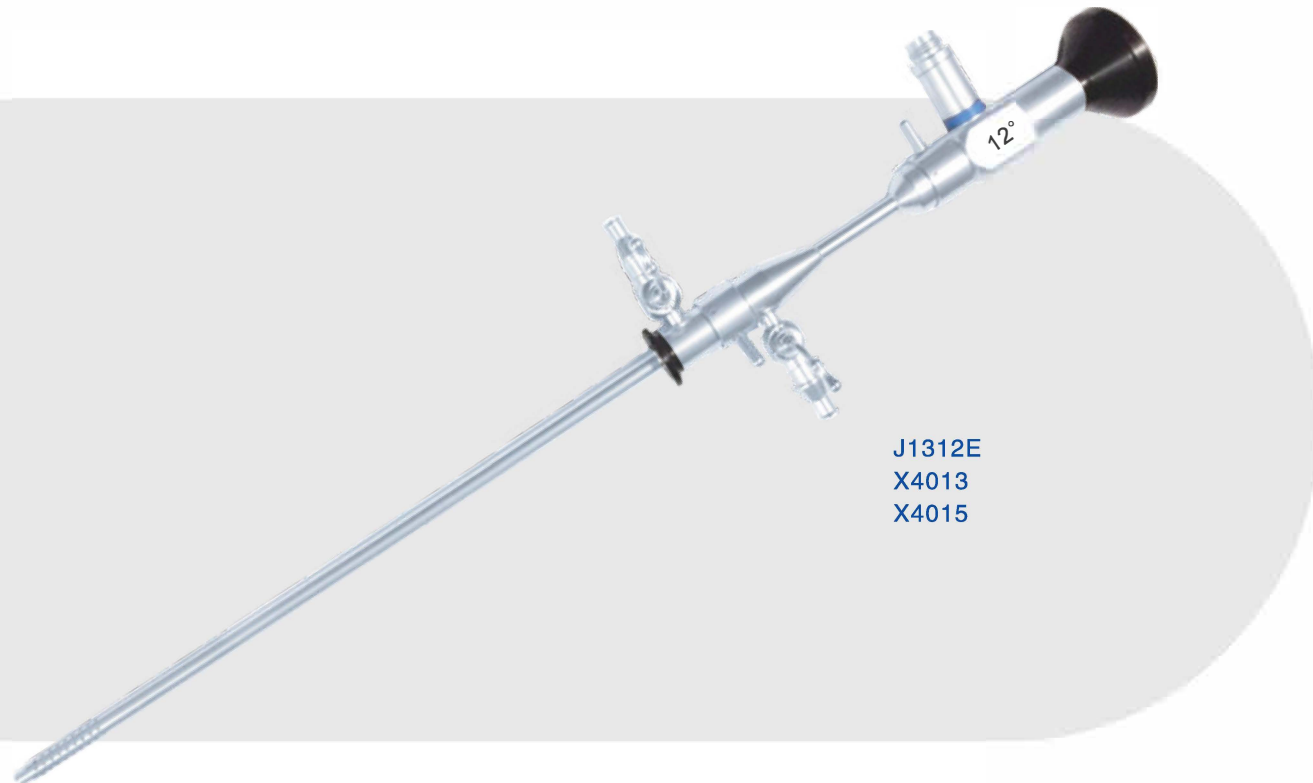


X5162A Flexible grasping forceps
6Fr × 385mm



T7511 Infusion unit

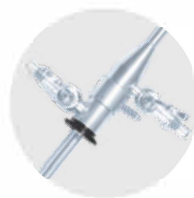
Hysteroscope ZG-2



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

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



• Working element, Obturator

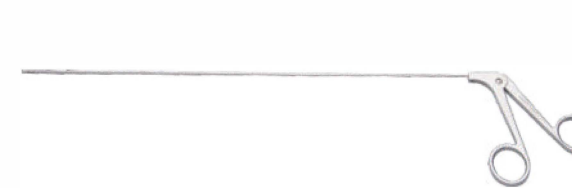
X4019 Working element
19.5Fr × 188mm



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



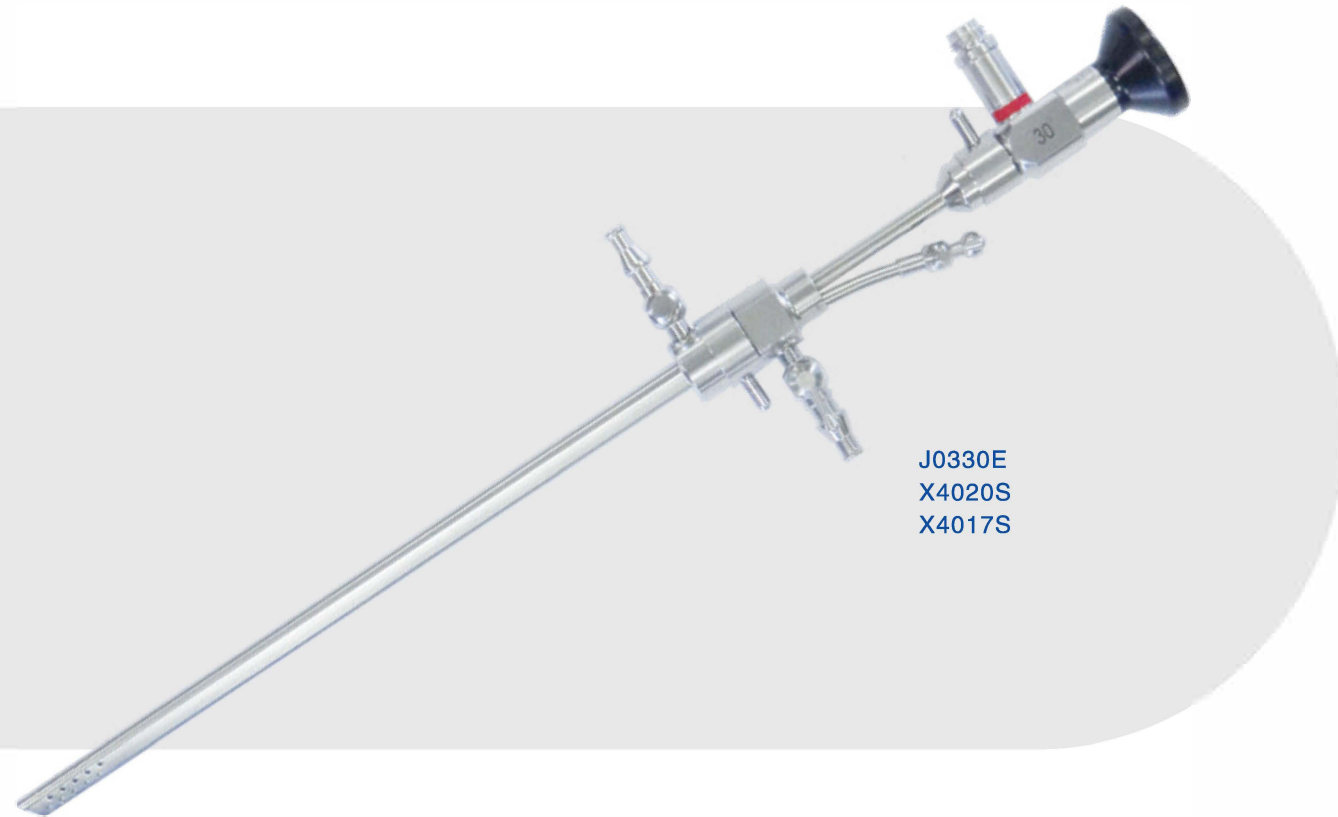
U8724 Light cable
φ4mm × 2m
φ4mm × 3m



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

Hysteroscope ZG-3

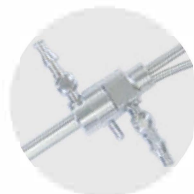
(5Fr Instrument)



J0330E
X4020S
X4017S

Product features

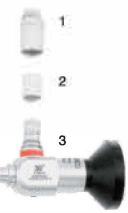
- Endoscope adopts imported stainless steel material
- Endoscope adopts German optic glass, light fiber and light cone
- New optic system, big field of view, high resolution
- With direction index, sapphire lens cover never abrasion
- Unique in and out flow channel, with continuous perfusion
- Doctor 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 3 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



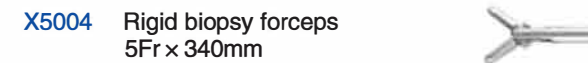
X5005 Rigid grasping forceps
5Fr × 340mm



X5302 Rigid scissors
5Fr × 340mm



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



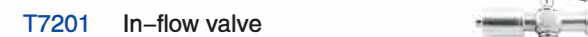
X5004 Rigid biopsy forceps
5Fr × 340mm



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



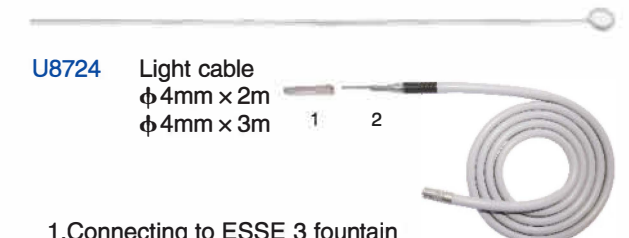
U8661 Flexible brush



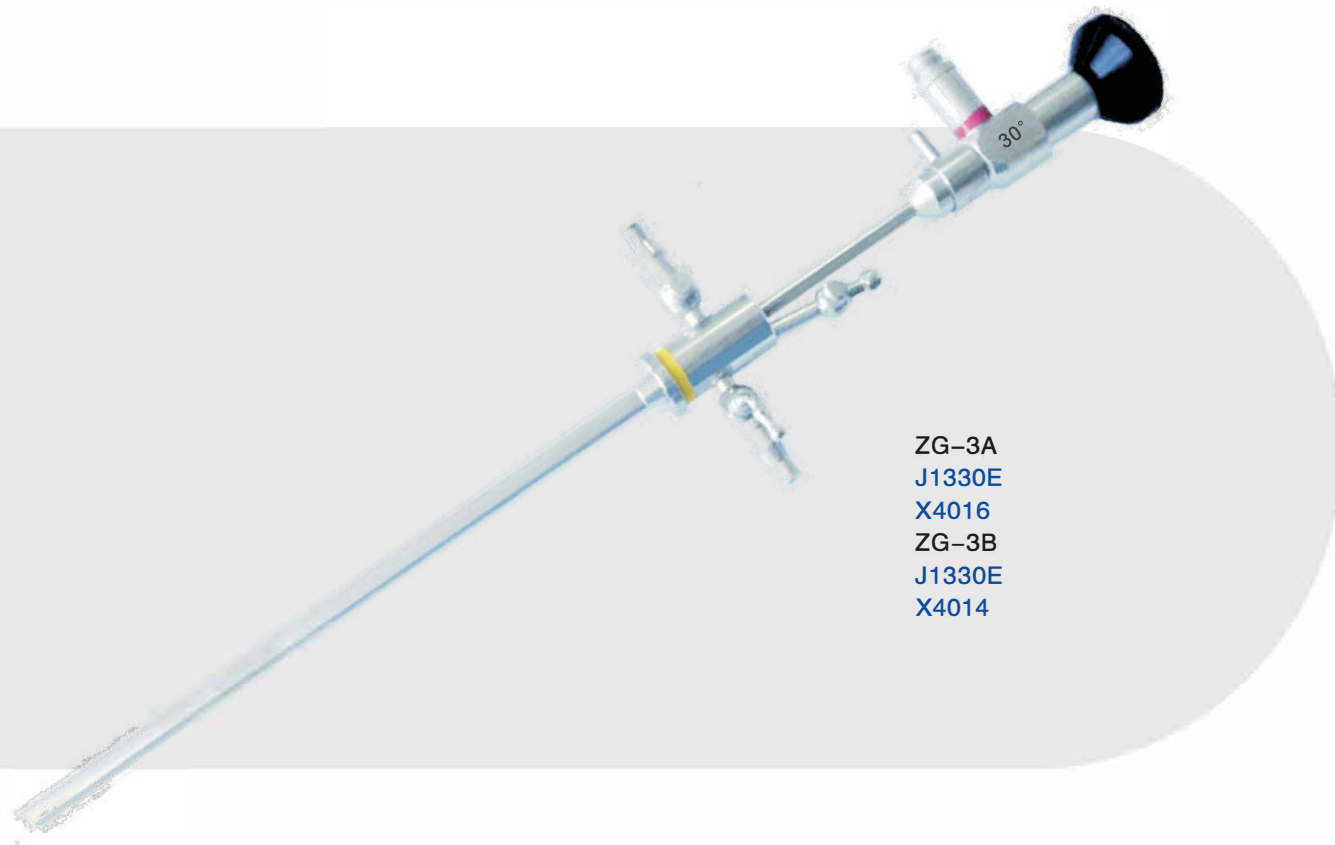
T7303 Sealed cap



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



Hysteroscope ZG-3A/ZG-3B



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 1 2



T7303 Sealed cap



1. Connecting to ESSE 3 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



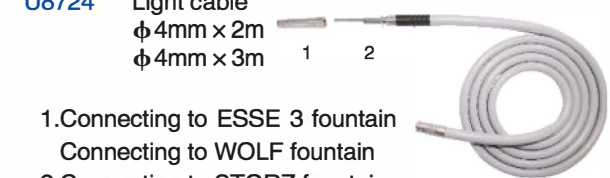
X5803 Steel wire
φ0.8 × 300mm



T7211 Out-flow valve



U8724 Light cable
φ4mm × 2m
φ4mm × 3m 1 2



T7303 Sealed cap



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

Hysteroscope ZG-3A

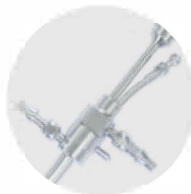
(5Fr Instrument)



J1330E
X4013S
X4016S

Product features

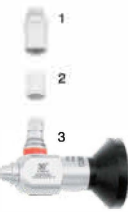
- Endoscope adopts imported stainless steel material
- Endoscope adopts German optic glass, light fiber and light cone
- New optic system, big field of view, high resolution
- With direction index, sapphire lens cover never abrasion
- Unique in and out flow channel, with continuous perfusion
- Less outer 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 3 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



X5302 Rigid scissors
5Fr × 340mm



X5005 Rigid forceps
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



X5803 Steel wire
φ0.8 × 300mm



T7211 Out-flow valve



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



U8661 Flexible brush
6Fr



T7303 Sealed cap

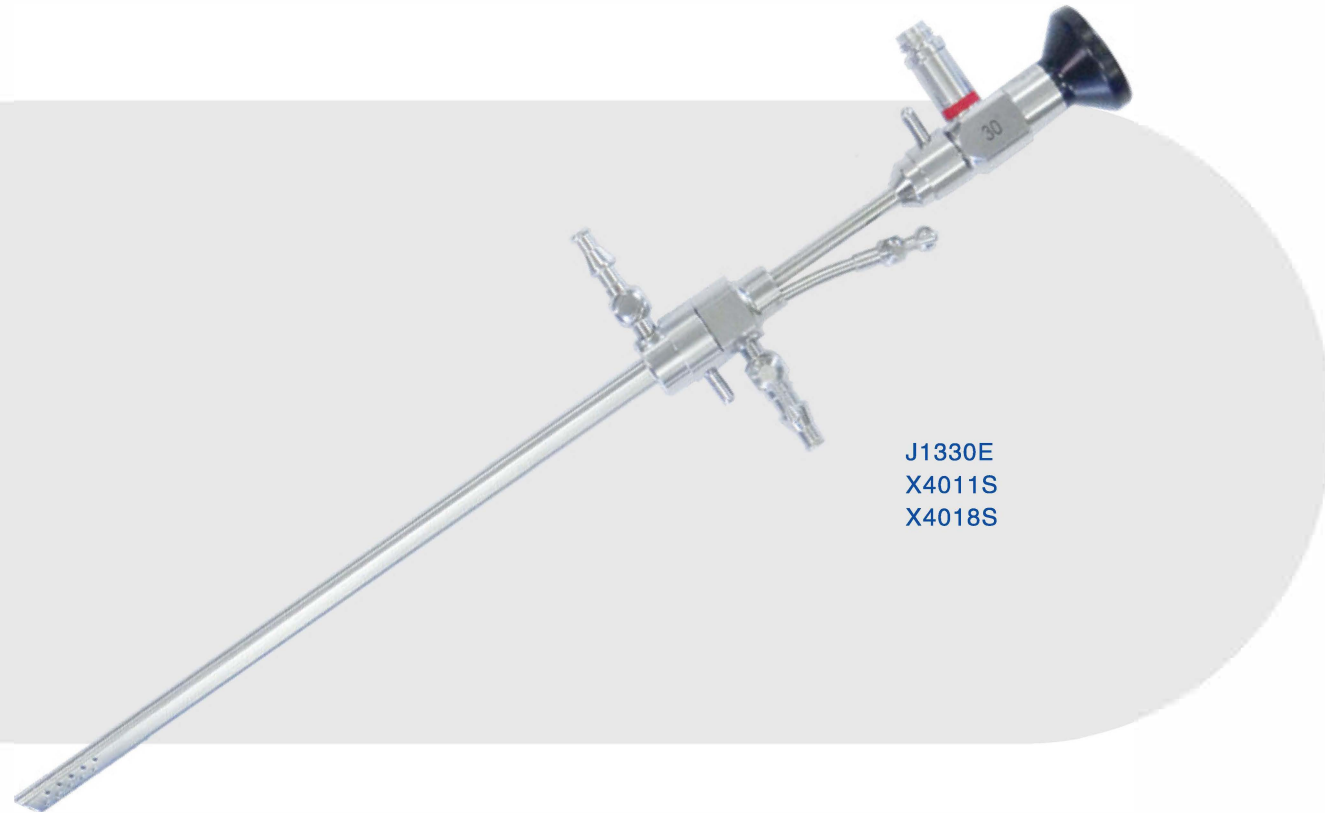


1. Connecting to E55E 3 fountain
Connecting to WOLF fountain
2. Connecting to STORZ fountain

Hysteroscope ZG-3A

(6Fr Big channel)

GYNECOLOGY



J1330E
X4011S
X4018S

Product features

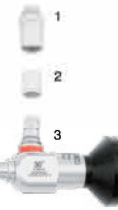
- Endoscope adopts imported stainless steel material
- Endoscope adopts German optic glass, light fiber and light cone
- New optic system, big field of view, high resolution
- With direction index, sapphire lens cover never abrasion
- Unique in and out flow channel, with continuous perfusion
- Less outer 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 3 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



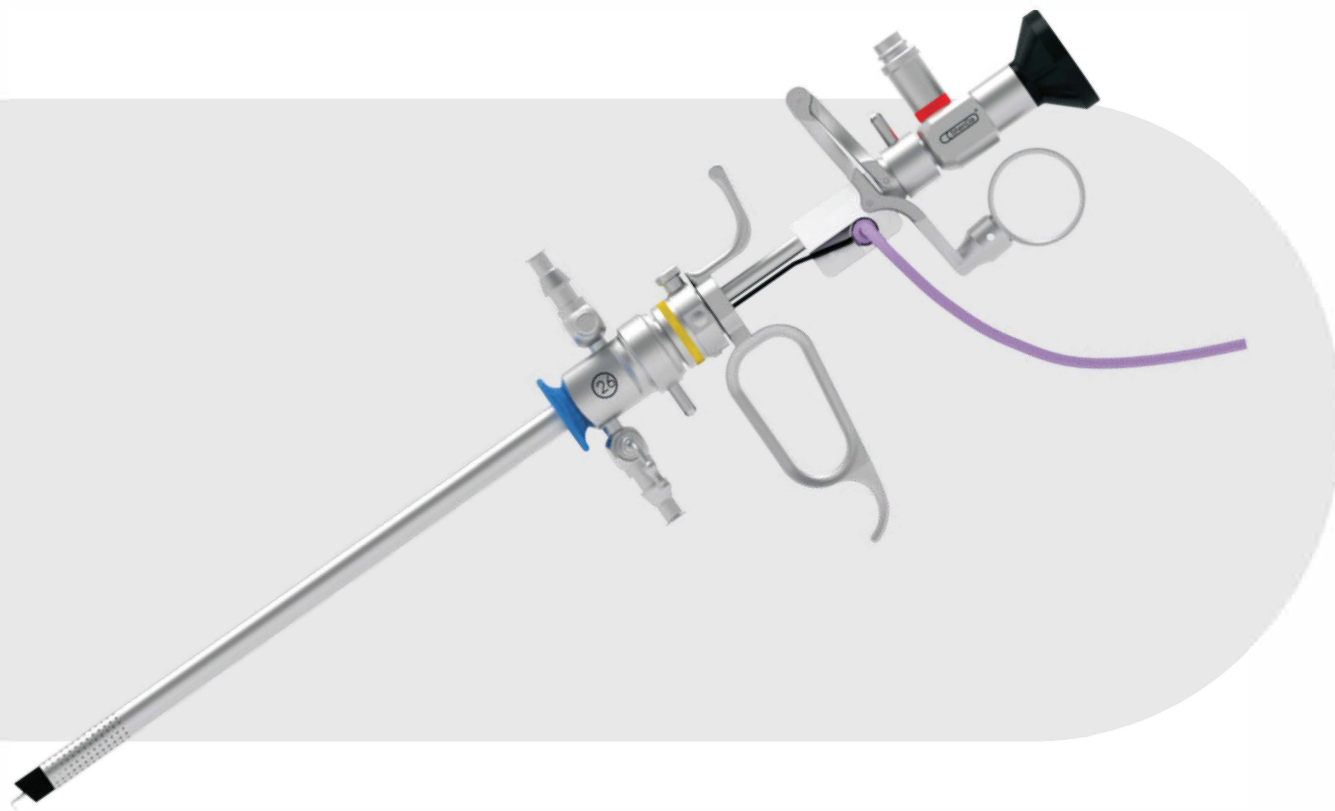
1. Connecting to ESSE 3 fountain
Connecting to WOLF fountain
2. Connecting to STORZ fountain

T7303 Sealed cap



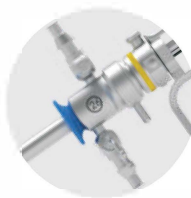
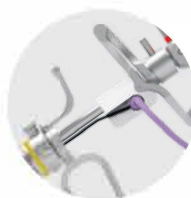
Bipolar Resectoscope

GYNECOLOGY



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 3 light cable
- 2 Connecting to OLYMPUS light cable
- 3 Connecting to STORZ light cable



• Sheath&Obturator

Q4024XS Inner sheath&obturator
24Fr × 196.5mm



Q4026XS Outer sheath&obturator
26Fr × 180mm



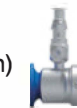
• Working element

- 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 3 fountain
- 2.Connecting to WOLF fountain
- 3.Connecting to STORZ fountain

• Accessories

Q6030XS Working element(visible)



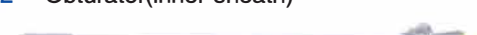
Q4024XS-1 Inner sheath



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)

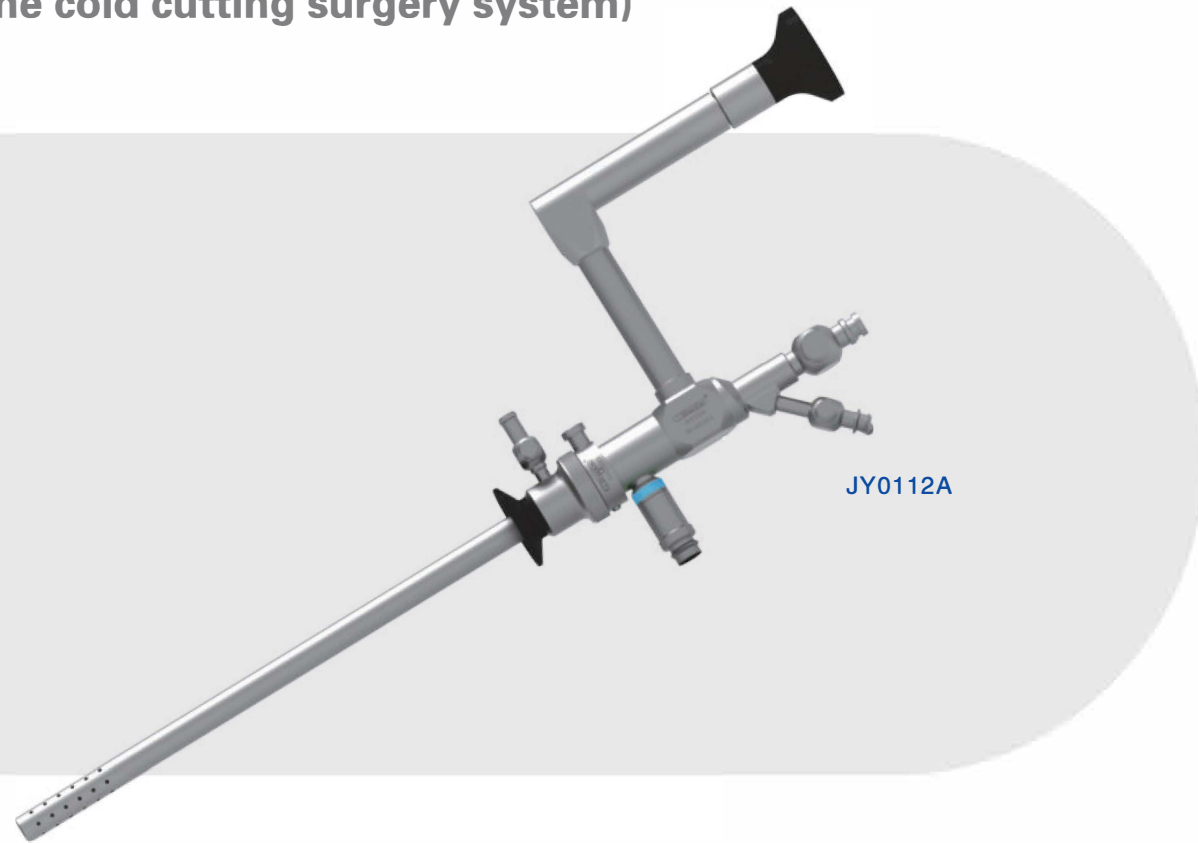


Hysteroscope GST-1

(Uterine cold cutting surgery system)



GYNECOLOGY



JY0112A

Product features

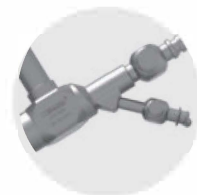
• Uterine myoma

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.



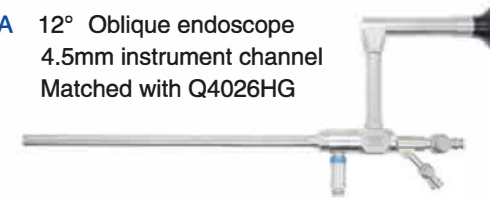
• Uterine polyps

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

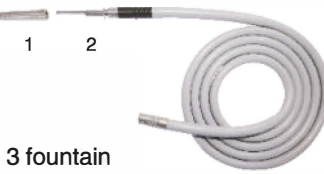


T7301A Sealed cap

U8601C Cleaning rod
φ 3mm × 340mm



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



1. Connecting to ESSE 3 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



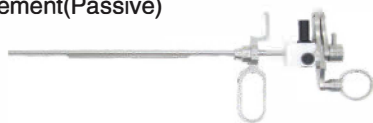
Q4025G Inner sheath&obturator
25Fr × 218mm



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



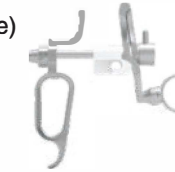
Q4025G Inner sheath&obturator
25Fr × 218mm



U8601C Cleaning rod



Q6020XS Working element(Passive)
φ 4mm



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



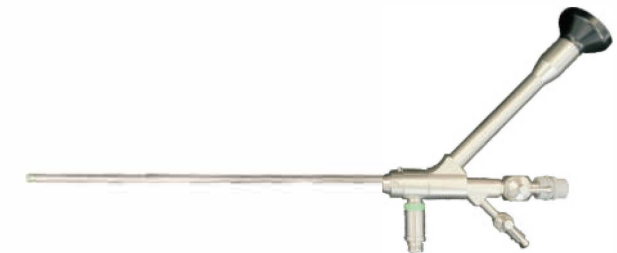
1. Connecting to ESSE 3 fountain
Connecting to WOLF fountain
2. Connecting to STORZ fountain

• 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)

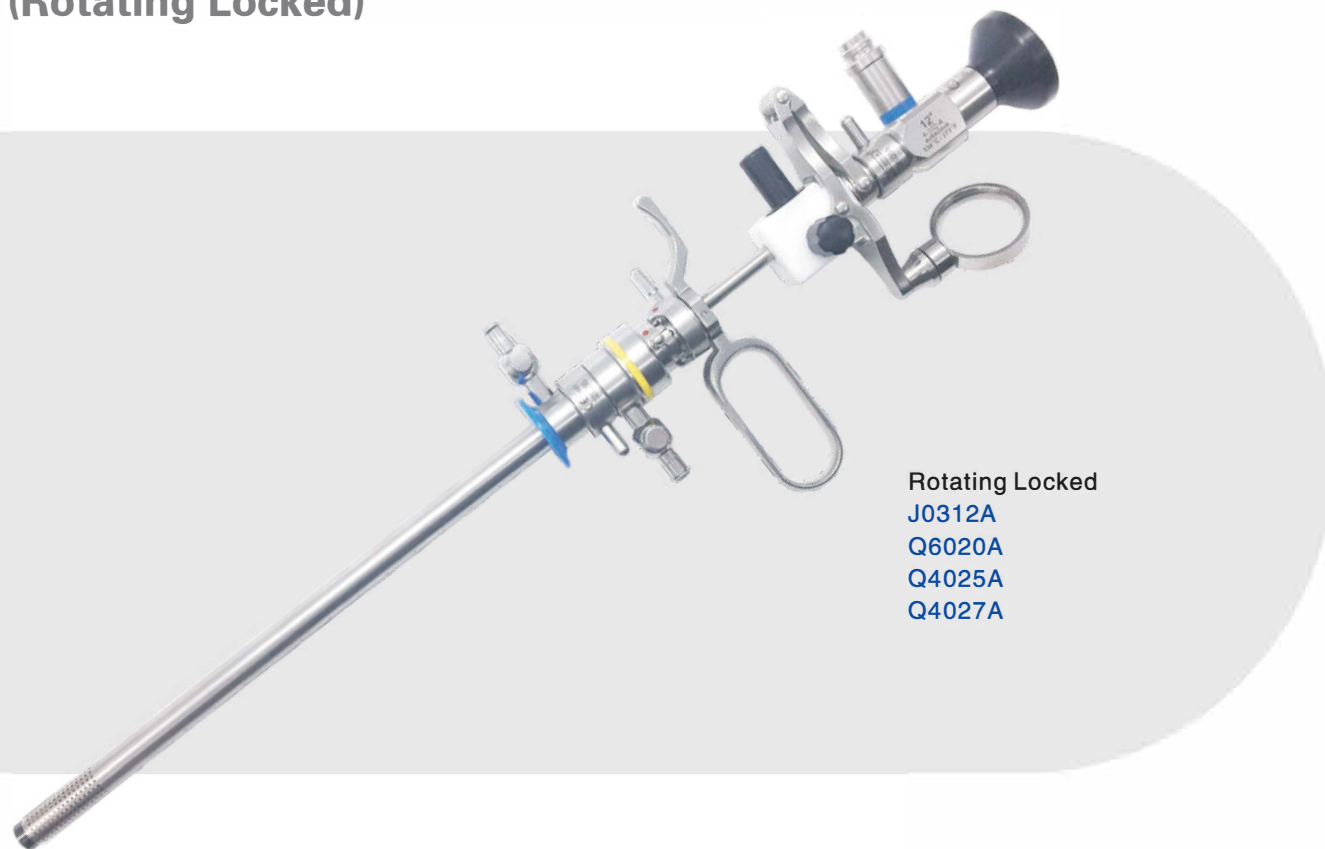


Q6211XS3 Cutting loops(big)



Resectoscope QD-2

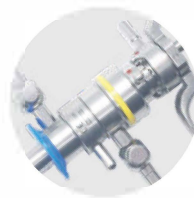
(Rotating Locked)



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 3 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

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



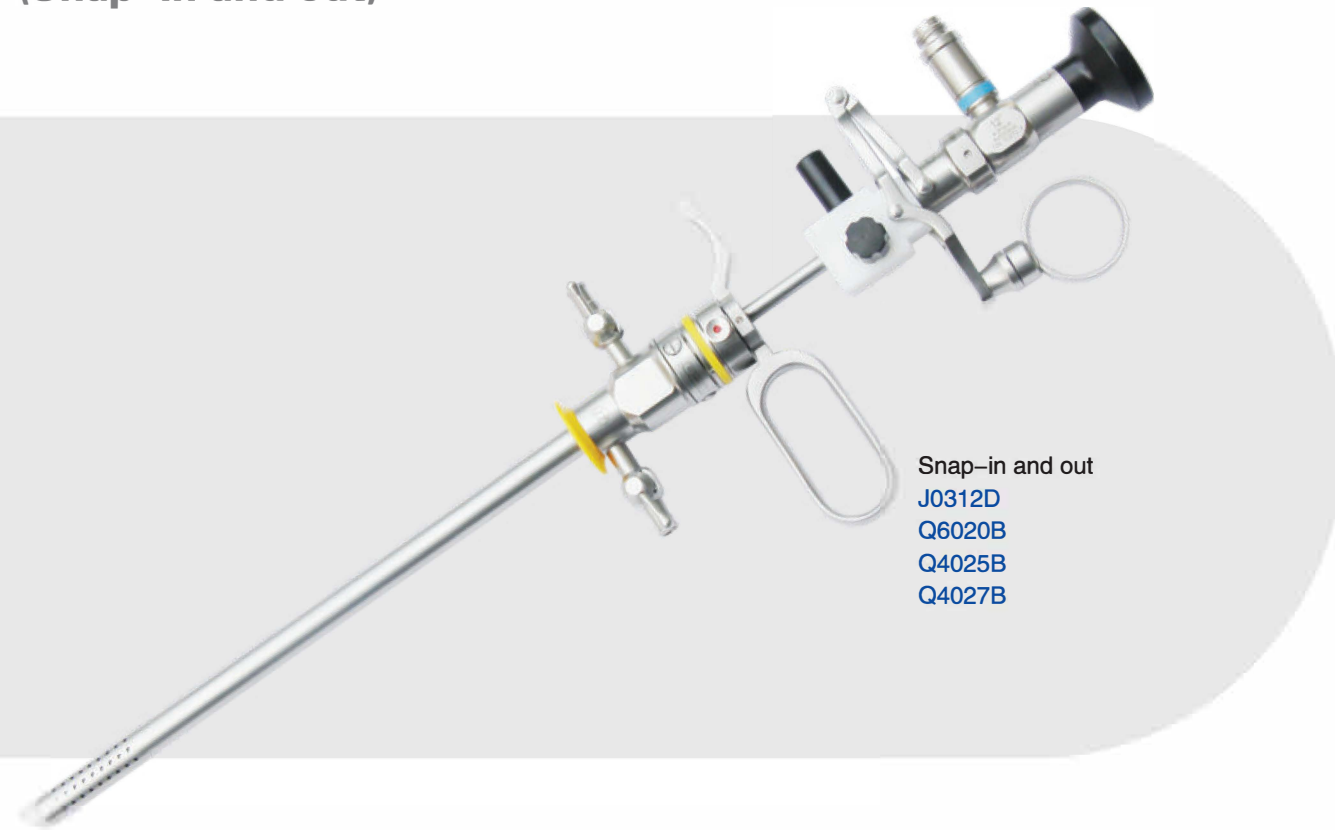
U8601C Cleaning rod
φ3mm × 340mm



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

Resectoscope QD-2

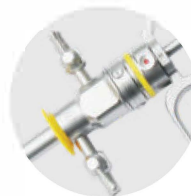
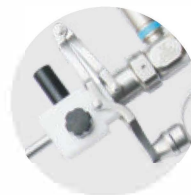
(Snap-in and out)



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 3 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

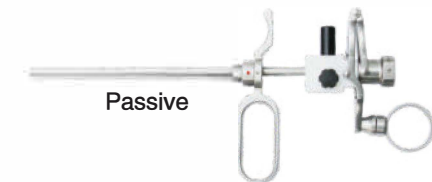


Q4027B Outer sheath
27Fr × 180mm



• 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



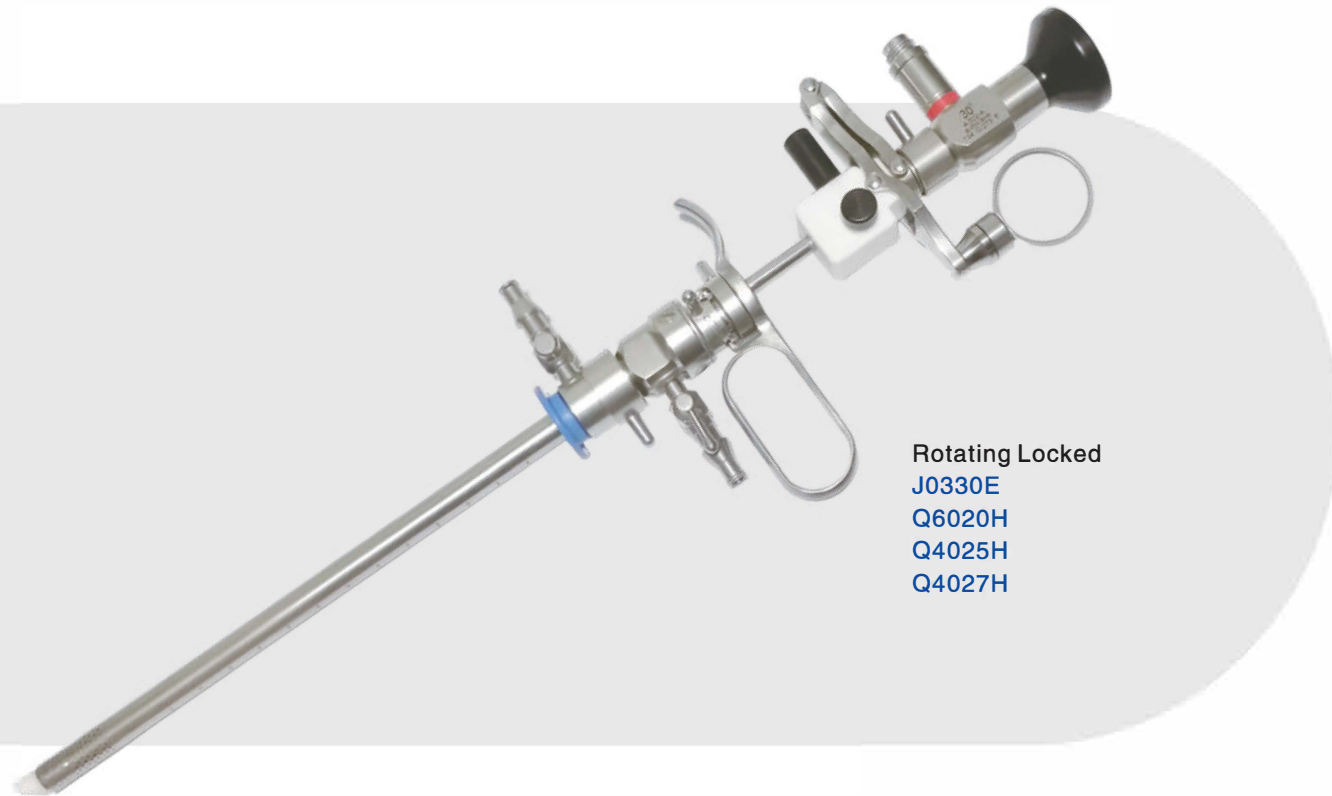
- 1. Connecting to ESSE 3 fountain
- Connecting to WOLF fountain
- 2. Connecting to STORZ fountain

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 3 light cable
- 2 Connecting to WOLF light cable
- 3 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 3 fountain
2. Connecting to STORZ fountain

U8601C Cleaning rod
φ3mm × 340mm



Integrated hysteroscope

GYNECOLOGY



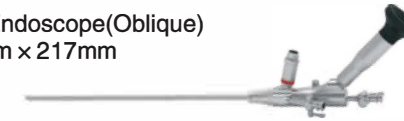
Product features

- 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



T7303 Sealed cap



X5803 Steel wire
φ0.8mm × 300mm



T7201 In-flow valve



T7211 Out-flow valve



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



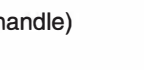
1. Connecting to ESSE 3 fountain
Connecting to WOLF fountain
2. Connecting to STORZ fountain

• Accessories

X5161A Flexible biopsy forceps
6Fr × 385mm



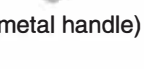
X5161B Flexible biopsy forceps (metal handle)
6Fr × 385mm



X5163A Flexible grasping ring forceps
6Fr × 385mm



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



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



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



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



Arthroscope GJ-3



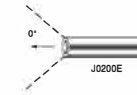
J0230G
G4503X

Product features

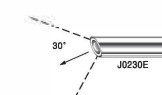
- Endoscope adopts imported stainless steel material
- Endoscope adopts German optic glass, light fiber and light cone
- Adopt the patented technology of rod optical lens, clear field of view
- With direction index, sapphire lens cover never abrasion
- The autoclavable endoscope can be chosen
- The operation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



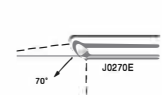
• Endoscope



J0200G 0° Endoscope
φ4mm × 175mm



J0230G 30° Endoscope
φ4mm × 175mm



J0270G 70° Endoscope
φ4mm × 175mm

• Sheath, Prism puncture needle, Blunt obturator

G4500X 0° Sheath two-stopcock (Rotatable)
φ5.5mm × 140mm



G4507X 70° Sheath two-stopcock (Rotatable)
φ5.5mm × 140mm



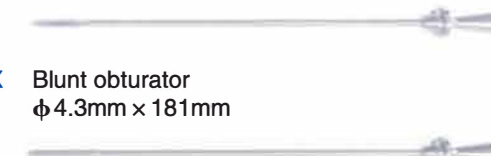
G4503X 30° Sheath two-stopcock (Rotatable)
φ5.5mm × 140mm



G4520X Prism puncture needle
φ4.3mm × 184mm



G4540X Blunt obturator
φ4.3mm × 181mm



• Forceps



G5016.1 Duck-jaw Punch, right curved
4.8mm × 122mm



G5013.1 Duck-jaw Punch, straight
4.8mm × 125mm



G5002.1 Duck-jaw Punch, right curved
4.8mm × 125mm



G5003ZT Anterior Horn Punch, left curved
5.6mm × 115mm



G5013.2 Straight Punch
3.5mm × 125mm



G5003YT Anterior Horn Punch, right curved
5.6mm × 115mm

• Forceps



G5004YT 90° Punch, right curved
7mm x 125mm



G5004ZT 90° Punch, left curved
7mm x 125mm



G5014.1 Duck-jaw Punch, left curved
4.8mm x 122mm

• Right angle probe

G5901 Right angle probe
φ3mm x 120mm

G5902 Right angle probe
φ5mm x 120mm



• Scissors

G5302T 20° Scissors, left curved
5.5mm x 125mm

G5303T 20° Scissors, right curved
5.5mm x 125mm

G5302.2 60° Scissors, right curved
7.1mm x 125mm

G5302.1 60° Scissors, left curved
7.1mm x 125mm



• Tissue Grasper



G5001 Tissue Grasper
3.3mm x 125mm
with/without lock



G5001T Tissue Grasper
4.0mm x 125mm
with/without lock

• Light cable

U8724 Light cable
φ4mm x 2m
φ4mm x 3m



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

U9910EB Disinfection box
293mm x 84mm x 42mm



• Knife, Curette, Bone file



G5408 Meniscus knife
φ3mm x 105mm

G5401 Hook knife
φ3mm x 105mm



G5409 Rosette knife
φ3mm x 105mm



G5403 Backward knife
φ3mm x 105mm



G5410 Half-round knife
φ3mm x 105mm



G5404 Spade knife, straight
φ3mm x 105mm



G5411 Curette
φ3mm x 105mm



G5911N Curette
φ3mm x 105mm



G5915N Bone file
φ3mm x 105mm



G5406N Banana Knife
φ3mm x 105mm



• Suture cutters, Suture passers

G5003.1 Suture grasper
4mm x 165mm



G5304.1 Suture cutters
4mm x 142mm



G5304.2 Suture cutters
4.2mm x 129mm



G5903.1 Suture passers
4.4mm x 136mm



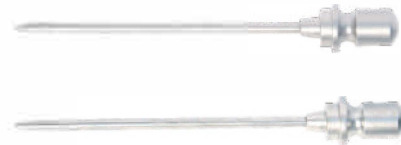
G5903.1 Suture passers needle core
2.0mm x 25.5mm

• Trocar cannula, Trocar

G4502 Trocar cannula
φ5.8mm × 74mm



G4542 Trocar
φ5mm × 93mm



• Punch forceps, Meniscus grasping forceps, Synovium forceps

G5001 Meniscus grasping forceps
φ5mm × 135mm



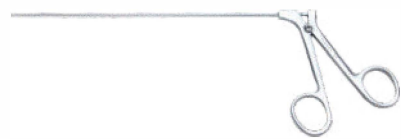
G5004 Punch forceps
φ5mm × 150mm



G5002 Synovium forceps, straight
φ4mm × 140mm



• Instrument



G5003 Needle location biopsy forceps
φ3.6mm × 145mm



G5302 Curved scissors(left)
φ3.5mm × 140mm



G5013 Forceps(0°)
φ5mm × 135mm



G5303 Curved scissors(right)
φ3.5mm × 140mm



G5014 Forceps (left45°)
φ5mm × 135mm



G5304 Straight scissors
φ4mm × 150mm



G5016 Forceps(right45°)
φ5mm × 135mm



• Accessories of arthroscope (Endoscope)



J0200E 0° Arthroscope
φ4mm × 175mm

J0200CG 0° Arthroscope (angle of field: 110°)
φ4mm × 175mm

J1200 0° Arthroscope
φ3mm × 175mm

J2200 0° Arthroscope
φ2.7mm × 175mm

J0212 12° Arthroscope
φ4mm × 175mm

J0230E 30° Arthroscope
φ4mm × 175mm

J0230CG 30° Arthroscope (angle of field: 110°)
φ4mm × 175mm

J1230 30° Arthroscope
φ3mm × 175mm

J2230 30° Arthroscope
φ2.7mm × 75mm

J0245G 45° Arthroscope (angle of field: 90°)
φ4mm × 175mm

J0245E 45° Arthroscope
φ4mm × 175mm

J0270E 70° Arthroscope
φ4mm × 175mm

J0270CG 70° Arthroscope (angle of field: 110°)
φ4mm × 175mm

J1270 70° Arthroscope
φ3mm × 175mm

J2270 70° Arthroscope
φ2.7mm × 175mm

J0290E 90° Arthroscope
φ4mm × 175mm

J02110C 110° Arthroscope
φ4mm × 175mm

J0230GS 30° Arthroscope (stryker connector)
φ4mm × 142 mm

• Arthroscope accessories (Sheath, Prism puncture needle)

G4510X 0° sheath two-stopcock(Rotatable)
φ4mm × 140mm



G4513X 30° Sheath two-stopcock (Rotatable)
φ4mm × 140mm



G4517X 70° sheath two-stopcock (Rotatable)
φ4mm × 140mm



G4530X Prism puncture needle
φ3mm × 180mm



G4550X Blunt obturator
φ3mm × 180mm



• Forceps

G5046N Punch forceps 45° (Right)
φ4.5mm × 130mm



G5016N Punch forceps 45° (Left)
φ4.5mm × 130mm



G5046AN Punch forceps 90° (Right)
φ4.5mm × 130mm



G5016AN Punch forceps 90° (Left)
φ4.5mm × 130mm



G5004N Joint pliers forceps
φ4.5mm × 130mm



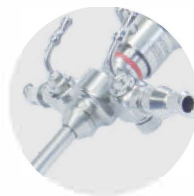
Unilateral Biportal Endoscopy UBE



ORTHOPEDICS

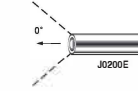
Product features

- 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 autoclavable endoscope can be chosen
- The operation instruments adopt imported stainless steel material, no coating, good anti-corrosion function
- Stainless steel valve, easy for maintenance, avoid damaging

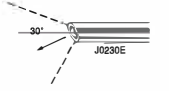


• Endoscope

J0200G 0° Endoscope
φ4mm × 175mm



J0230G 30° Endoscope
φ4mm × 175mm



• Nerve hook-probe

Y5604W Nerve hook-probe
4mm × 108mm

Y5610WZ Nerve hook-probe
8mm × 108mm, left

Y5610WY Nerve hook-probe
8mm × 108mm, right

Y5608W Nerve hook-probe
8mm × 108mm



• Suction tube, Dilator

Y4403WA Suction tube
φ3mm

Y4403WB Suction tube
φ3mm



Y5627W2 Dilator
φ7mm × 200mm



• Bone curette

Y5913WF Bone curette
3mm straight

Y5913W Bone curette
3mm curved

Y5913WZ Bone curette
5mm bar curved



• Bone chisel

Y5405WA1 Bone chisel
5mm straight

Y5405WZ Bone chisel
5mm left curved

Y5405WS Bone chisel
5mm triangle

Y5405WB1 Bone chisel
5mm curved

Y5405WY Bone chisel
5mm right curved



• Retractor Sheets, Spring retractor sheets

Y5615W1 Retractor sheets
50mm

Y5615W2 Retractor sheets
60mm

Y5615W3 Retractor sheets
70mm

Y5615W4 Retractor sheets
80mm



Y5615W2A Spring retractor sheets
Depth 60mm

Y5615W3A Spring retractor sheets
Depth 70mm

Y5615W4A Spring retractor sheets
Depth 80mm



ORTHOPEDICS

• Dilator



Y5625W1 Dilator
φ5mm × 200mm

Y5631W Dilator
φ11mm × 155mm

Y5627W1 Dilator
φ7mm × 185mm

Y5633W Dilator
φ13mm × 140mm

Y5629W Dilator
φ9mm × 170mm

Y5635W Dilator
φ15mm × 125mm

• Hammer, Round nerve stripper, Probe

Y5936W Hammer
φ25mm



Y5931W Probe
125mm



Y5940W Muscle stripper
125mm



• Nerve Stripper



Y5944W Nerve stripper
3mm Double head straight/bend

Y5946WA Nerve stripper
6mm straight

Y5946WB Nerve stripper
6mm little curved

Y5945W Nerve stripper
5mm Double head straight/bend

Y5946WB1 Nerve stripper
6mm curved

• Intervertebral disc reamer, Curved funnel, Graft rod, Cage adjusting rod

Y5908W Curved funnel
φ8mm × 165mm



Y5410W Intervertebral disc reamer
φ8mm × 200mm



Y5906W Graft rod
φ6.8mm × 167mm

Y5806W Cage adjusting rod
φ6mm × 170mm



• Rongeur, Rotating Detachable Kerrison Rongeurs

Y5014QW1A Detachable Rongeur rod
1mm × 170mm

Y5015QW2 Rongeur(straight)
2mm × 220mm

Y5014QW2A Detachable Rongeur rod
2mm × 170mm

Y5015QW3 Rongeur(straight)
3mm × 220mm

Y5014QW3 Detachable Rongeur rod
3mm × 170mm

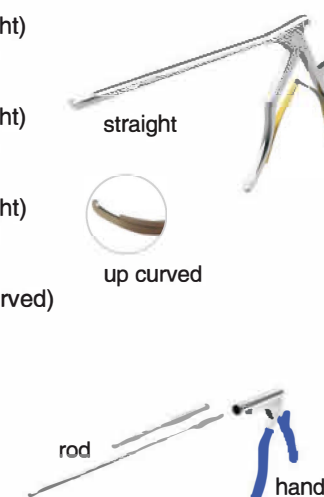
Y5015QW4 Rongeur(straight)
4mm × 220mm

Y5014QW4 Detachable Rongeur rod
4mm × 170mm

Y5016QW Rongeur(up curved)
2mm × 200mm

Y5014QW5 Detachable Rongeur rod
5mm × 170mm

Y5014QW Detachable Rongeur Handle



• Nucleus pulposus forceps

Y5005QW Nucleus pulposus forceps(straight)
1.6mm × 175mm

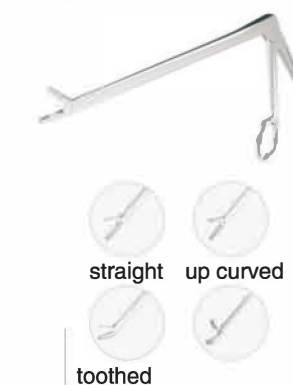
Y5112QW Nucleus pulposus forceps(straight)
2mm × 145mm

Y5021QW Nucleus pulposus forceps(up curved)
1.6mm × 175mm

Y5122QW Nucleus pulposus forceps(up curved)
2mm × 145mm

Y5031QW Nucleus pulposus forceps(toothed)
1.6mm × 175mm

Y5001QW Nucleus pulposus forceps(toothed)
2mm × 145mm



• Nucleus pulposus forceps with rongeur handle

Y5004W Nucleus pulposus forceps with rongeur handle(toothed, straight)
3.0mm × 200mm

Y5003W Nucleus pulposus forceps with rongeur handle(toothed, up curved)
3.0mm × 200mm



• Accessories

U8724 Light cable
φ4mm × 2m
φ4mm × 3m



U9910EB Disinfection box
293mm × 84mm × 42mm



1. Connecting to ESSE 3 fountain
Connecting to WOLF fountain

2. Connecting to STORZ fountain

Endoscope disectomy system YZ-1



JY0730D2 30° ϕ 6.3mm \times 3.7mm \times 181mm
 JY0730F2 30° ϕ 6.9mm \times 4.3mm \times 181mm

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 autoclavable endoscope can be chosen
- The operation instruments adopt imported stainless steel material, no coating, good anti-corrosion function
- Adopt maintenance-free valve



• Cannula

Z5602A1	Cannula(one level) ϕ 2.5 \times 1.2 \times 230mm	Z5607A5	Cannula(five level) ϕ 7 \times 6.2 \times 150mm
Z5604A2	Cannula(two level) ϕ 4 \times 2.7 \times 195mm	Z5608A6	Cannula(six level) ϕ 8 \times 7.2 \times 135mm
Z5605A3	Cannula(three level) ϕ 5 \times 4.2 \times 180mm	Z5609A7	Cannula(seven level) ϕ 9 \times 8.2 \times 120mm
Z5606A4	Cannula(four level) ϕ 6 \times 5.2 \times 165mm		
Z5606B1	Dilator(tine) ϕ 6.0 \times 1.7 \times 230mm	Z5606D1	Dilator(double cavity) ϕ 6.4 \times 1.7 \times 230mm
Z5607B1	Dilator(tine) ϕ 7.0 \times 1.7 \times 230mm	Z5607D1	Dilator(double cavity) ϕ 7.0 \times 1.7 \times 230mm

• Sheath

Z4023D3DT	Sheath ϕ 7.5 \times 6.6 \times 170mm	Z4026G2DT	Sheath ϕ 8.5 \times 7.6 \times 150mm
Z4024F3DT	Sheath ϕ 8.0 \times 7.2 \times 170mm	Z4027F2FT	Sheath ϕ 9.0 \times 8.2 \times 150mm

• Trepine

Z6007B2T	Trepine ϕ 7.5 \times 6.6 \times 170mm
Z6008A2T	Trepine ϕ 8.0 \times 7.1 \times 170mm



• Bone curette, Puncture needle, Guide wire

Z5902A	Guide wire ϕ 0.8mm \times 450mm	Z4505A	Puncture needle ϕ 1.6mm \times 204mm
Z5921	Bone curette ϕ 2.5mm \times 330mm	Z4505C	Puncture needle ϕ 1.6mm \times 400mm



• Stripper, Hammer

Z5936 Hammer



Z5933A Stripper
φ2.5mm × 330mm



• Probe, Bone chisel

Z5907A Probe
φ2.5 × 330mm



Z5404 Bone chisel
φ2.5 × 330mm



• Nucleus pulposus forceps, Spring forceps

Y5002D Nucleus pulposus forceps(straight)
φ2.7mm × 380mm

Z5012B1 Nucleus pulposus forceps(straight)
φ2.5mm × 330mm

Y5001A1B Nucleus pulposus forceps(straight)
φ3.3mm × 380mm



Y5002D2/Z5013B1B Nucleus pulposus forceps(up curved)
φ3.4mm × 380mm/ φ3.5mm × 330mm



Y5013/Z5042B1B Spring forceps
φ2.5mm × 380mm/ φ2.5mm × 330mm



• Cutting forceps

Y5031 Cutting forceps(straight)
φ2.7mm × 380mm

Z5022B1 Cutting forceps(straight)
φ2.5mm × 330mm



Y5031.1T Cutting forceps(up curved)
φ2.8mm × 360mm



• Rotating Detachable Rongeurs

Y5014QW3A Rotating Detachable Rongeurs
φ3.4 × 2.7 × 305mm



Y5014QW Handle for Detachable Rongeurs

• Accessories

U8724 Light cable
φ4mm × 2m
φ4mm × 3m



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

U9910ZK Disinfection box
480mm × 135mm × 70mm



Endoscope Disectomy System YZ-1

(Big channel)



JY0715H1 15° ϕ 10mm \times 7.0mm \times 136mm

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 operation instruments adopt imported stainless steel material,no coating, good anti-corrosion function
- Stainless steel valve,easy for maintenance,avoid damaging



• Sheath,Trephine

Z4042H1D Sheath
 ϕ 14mm \times 120mm



Z4038H1D Sheath
 ϕ 12.5mm \times 11.5mm \times 195mm



Z6011B Trephine
 ϕ 11.2mm \times 10.2mm \times 115mm



• Guide wire,Puncture needle,Probe,Dilator

Z5902A Guide wire
 ϕ 0.8mm \times 450mm



Z4505A Puncture needle
 ϕ 1.6mm \times 204mm

Z4505C Puncture needle
 ϕ 1.6mm \times 400mm



Z5907A Probe
 ϕ 2.5mm \times 330mm

Z5606B1 Dilator
 ϕ 6.0mm \times 1.7mm \times 230mm

Z5610B2 Dilator
 ϕ 10mm \times 6.2mm \times 215mm



• Stripper,Bone chisel,Bone curette,Hammer

Z5933A Stripper
 ϕ 2.5mm \times 330mm



Z5404 Bone chisel
 ϕ 2.5mm \times 330mm



Z5921 Bone curette
 ϕ 2.5mm \times 330mm



Y5936 Hammer



• Nucleus pulposus forceps,Rotating Detachable Rongeurs,Handle for Detachable Rongeurs

Z5012B2 Nucleus pulposus forceps(straight)
 ϕ 2.5mm \times 260mm



Z5012B2C Nucleus pulposus forceps(straight)
 ϕ 2.5mm \times 260mm



Y5014QW5A Rotating Detachable Rongeurs
 ϕ 5.0mm \times 2.0mm \times 250mm

Y5014QW5C Rotating Detachable Rongeurs
 ϕ 5.0mm \times 5.0mm \times 250mm

Y5014QW5B Rotating Detachable Rongeurs
 ϕ 5.0mm \times 3.0mm \times 250mm

Y5014QW Handle for Detachable Rongeurs



• Accessories

U8724 Light cable
 ϕ 4mm \times 2m
 ϕ 4mm \times 3m

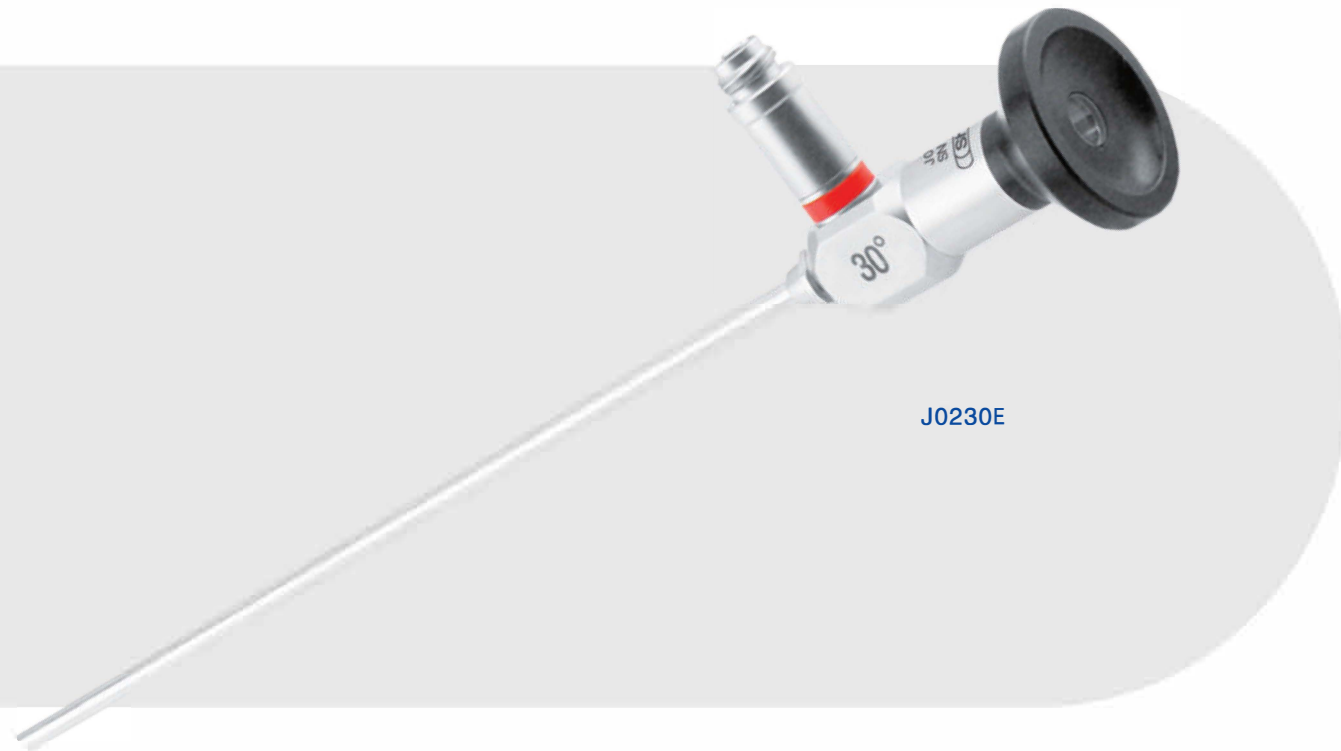


U9910ZK Disinfection box
480mm \times 135mm \times 70mm



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

Sinuscope BD-1



J0230E

Product features

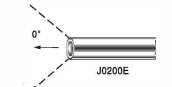
- Endoscope adopts imported stainless steel material
- Endoscope adopts German optic glass, light fiber and light cone
- Adopt the patented technology of rod optical lens, clear field of view
- With direction index, sapphire lens cover never abrasion
- The operation instruments adopt imported stainless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



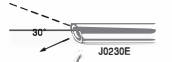
• Endoscope



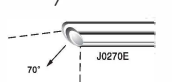
J0200E 0° Endoscope
φ4mm × 175mm



J0230E 30° Endoscope
φ4mm × 175mm



J0270E 70° Endoscope
φ4mm × 175mm



• Holder, Trocar, Trocar cannula

B4550 Trocar cannula



U8521 Holder



B4551 Trocar



• 0° Rigid biopsy forceps



B5002C 0° Rigid biopsy forceps



• Mucosal scissors



B5301 Mucosal scissors, straight



B5302 Mucosal scissors, left curved



B5303 Mucosal scissors, right curved



• Forceps



B5043 Grain-shape biopsy forceps



B5006 Rongeur forceps, backward



B5001 Rongeur forceps, forward



B5012 Grasping forceps slim serrated



B5042 0° Biopsy forceps



B5040 Biopsy forceps, 30° up curved



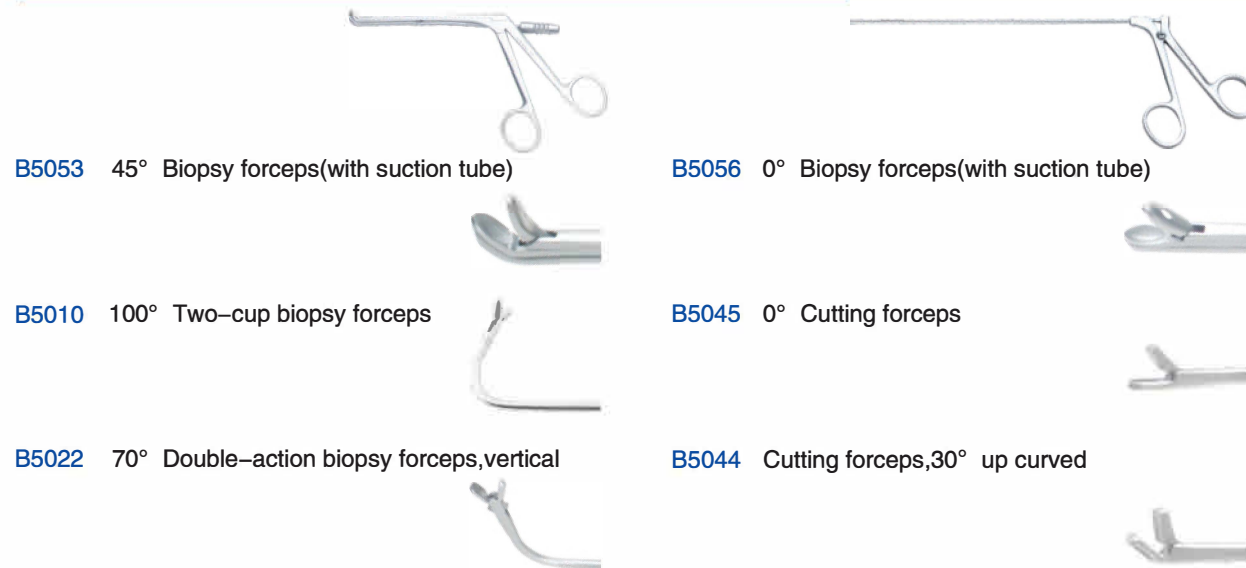
B5004A 90° Biopsy forceps, up



B5041 Biopsy forceps, 45° up curved



• Forceps



B5053 45° Biopsy forceps(with suction tube)

B5056 0° Biopsy forceps(with suction tube)

B5010 100° Two-cup biopsy forceps

B5045 0° Cutting forceps

B5022 70° Double-action biopsy forceps,vertical

B5044 Cutting forceps,30° up curved

• Maxillary uncorking forceps



B5055 Maxillary uncorking forceps

• Mucosal knife,Curette,Double dividing instrument



B5401 Acute mucosal knife

B5915 Long ball curette

B5402 Obtuse mucosal knife

B5916 Double dividing instrument

B5910 Ball curette

B5914 Long ball curette

• Suction tube,Light cable



B4414 Suction tube,curved
φ2.5mm

B4401b Suction tube,curved
φ3mm

B4403a Suction tube,curved
φ3mm × 155mm

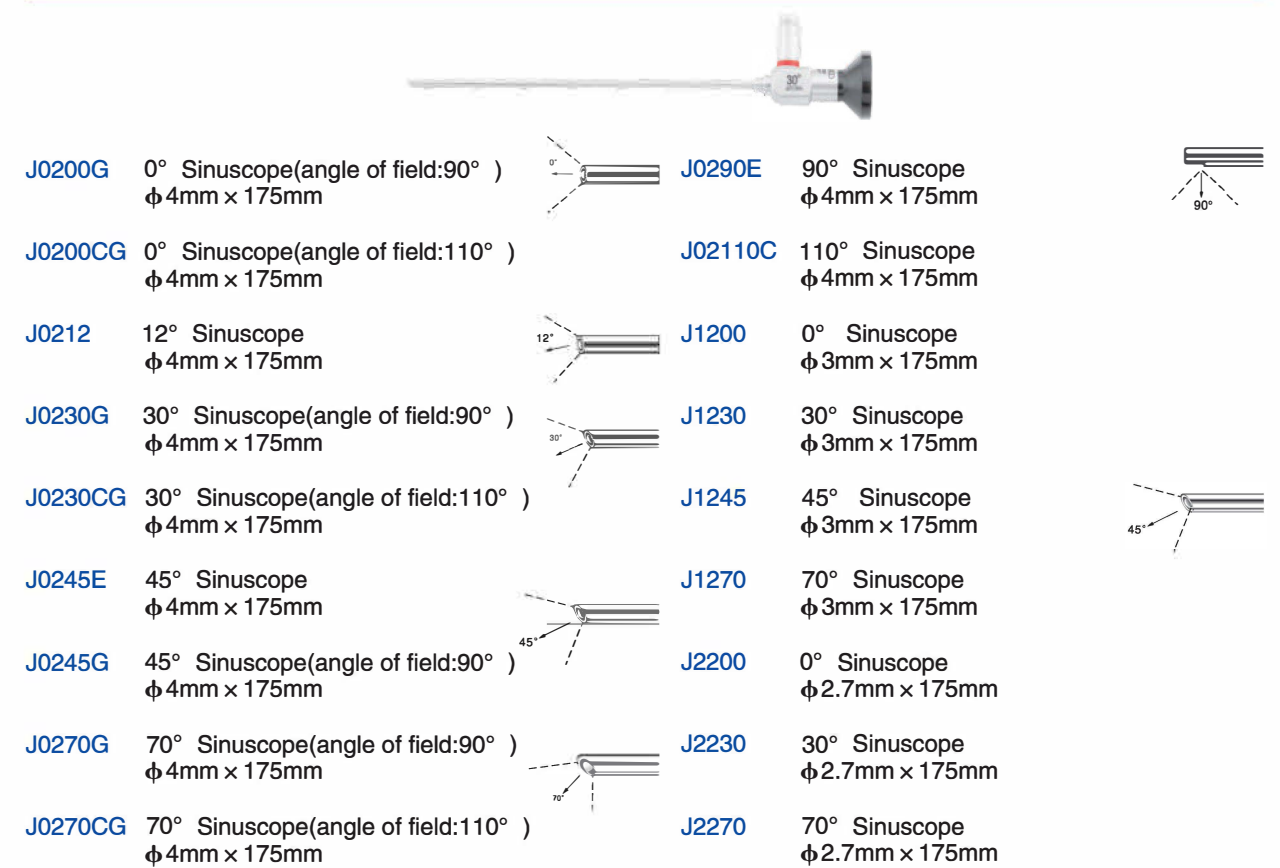
B4411 Suction tube,curved
φ4mm × 155mm

B4402 Suction tube,curved
φ2.5mm × 155mm

U8724 Light cable
φ4mm × 2m
φ4mm × 3m

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

• Accessories of sinuscope(Endoscope)



J0200G 0° Sinuscope(angle of field:90°)
φ4mm × 175mm

J0290E 90° Sinuscope
φ4mm × 175mm

J0200CG 0° Sinuscope(angle of field:110°)
φ4mm × 175mm

J02110C 110° Sinuscope
φ4mm × 175mm

J0212 12° Sinuscope
φ4mm × 175mm

J1200 0° Sinuscope
φ3mm × 175mm

J0230G 30° Sinuscope(angle of field:90°)
φ4mm × 175mm

J1230 30° Sinuscope
φ3mm × 175mm

J0230CG 30° Sinuscope(angle of field:110°)
φ4mm × 175mm

J1245 45° Sinuscope
φ3mm × 175mm

J0245E 45° Sinuscope
φ4mm × 175mm

J1270 70° Sinuscope
φ3mm × 175mm

J0245G 45° Sinuscope(angle of field:90°)
φ4mm × 175mm

J2200 0° Sinuscope
φ2.7mm × 175mm

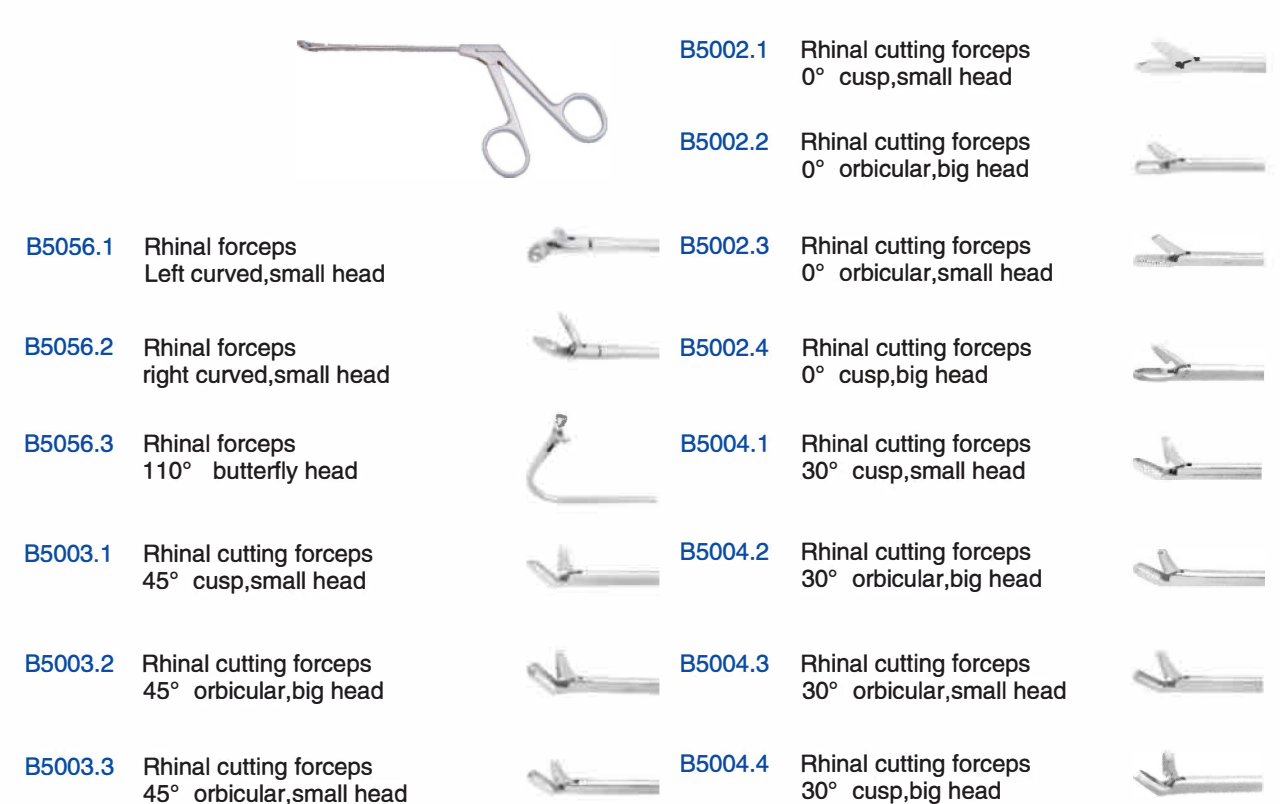
J0270G 70° Sinuscope(angle of field:90°)
φ4mm × 175mm

J2230 30° Sinuscope
φ2.7mm × 175mm

J0270CG 70° Sinuscope(angle of field:110°)
φ4mm × 175mm

J2270 70° Sinuscope
φ2.7mm × 175mm

• Accessories of sinuscope(rhinal forceps,rhinal cutting forceps)



B5056.1 Rhinal forceps
Left curved,small head

B5002.1 Rhinal cutting forceps
0° cusp,small head

B5056.2 Rhinal forceps
right curved,small head

B5002.2 Rhinal cutting forceps
0° orbicular,big head

B5056.3 Rhinal forceps
110° butterfly head

B5002.3 Rhinal cutting forceps
0° orbicular,small head

B5003.1 Rhinal cutting forceps
45° cusp,small head

B5002.4 Rhinal cutting forceps
0° cusp,big head

B5003.2 Rhinal cutting forceps
45° orbicular,big head

B5004.1 Rhinal cutting forceps
30° cusp,small head

B5003.3 Rhinal cutting forceps
45° orbicular,small head

B5004.2 Rhinal cutting forceps
30° orbicular,big head

B5004.3 Rhinal cutting forceps
30° orbicular,small head

B5004.4 Rhinal cutting forceps
30° cusp,big head

• Accessories of sinuscope(rhinal foreign body forceps)



B5025.1 Rhinal foreign body forceps
110mm,without hook

B5025.2 Rhinal foreign body forceps
110mm,with hook



• Accessories of sinuscope(sinus grasping forceps)



B5012.2 Sinus grasping forceps
downwards 115°

B5012.3 Sinus grasping forceps
upwards 90° ,backwards 120°



B5012.1 Sinus grasping forceps
90° curved,backwards 120°



B5012.4 Sinus grasping forceps
upwards 115°



• Accessories of sinuscope(forceps)



B5063.1 Forceps
flat head,pushrod

B5063.2 Forceps
titled head,pushrod

B5064.1 Forceps
pointed head,pushrod,big head

B5064.2 Forceps
pointed head,pushrod,small head



• Accessories of sinuscope(Rongeur forceps)



B5014.1 Rongeur forceps

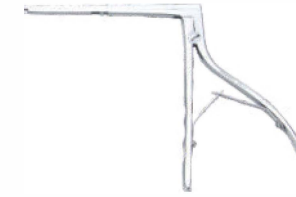


• Accessories of sinuscope(nasal septum Rongeur forceps)



B5014.2 Nasal septum
rongeur forceps

• Accessories of sinuscope(antrum highmori Rongeur forceps,Rongeur forceps.retroside)



B5007.1 Antrum highmori rongeur forceps
45° upwards

B5007.2 Antrum highmori rongeur forceps
45° downwards

B5006.1 Antrum highmori rongeur forceps
straight,upwards



B5006.2 Antrum highmori rongeur forceps
straight,downwards



B5008.1 Rongeur forceps,backward
left hatch



B5008.2 Rongeur forceps.backward
right hatch



• Accessories of sinuscope(antrum highmori Rongeur forceps)



B5059.1 Antrum highmori hemostasia
forceps with teeth



• Accessories of sinuscope(nasopharynx biopsy forceps)



B5009.1 Nasopharynx biopsy forceps
180mm pushrod,straight

B5010.1 Nasopharynx biopsy forceps
180mm pushrod,curved



• Accessories of sinuscope(nasal shell scissors)

B5304.1 Nasal shell scissors
12.5cm gun type



B5304.2 Nasal shell scissors
11cm gun type



• Accessories of sinuscope



B5057.1 Rhinal forceps
0° ,105mm,with suction



B5057.2 Rhinal forceps
45° ,105mm,with suction



B5057.3 Rhinal forceps
90° ,105mm,with suction

BW5001 Sinus tissue forceps
0°

BW5002 Sinus tissue forceps,70°
(left&right)

BW5003 Sinus tissue forceps
(left)

BW5004 Sinus tissue forceps
(right)

• Accessories of sinuscope(Rongeur forceps)



BW5013 Rongeur forceps
45°

• Accessories of sinuscope(forceps)

BW5019 Rongeur forceps,backward
(down curved)



BW5022 Rongeur forceps,backward
(360° rotatable)



BW5020 Sphenoidal sinus rongeur
(60° rotatable)3.5mm



BW5023 Nasal bone resetting forceps



BW5024 Polyp forceps



BW5021 Sphenoidal sinus rongeur
(90° rotatable)4mm



BW5025 Enlarge forceps 20°

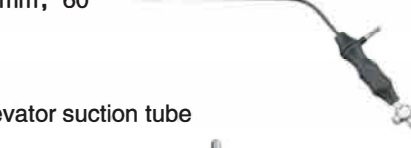


• Accessories of sinuscope

B4401.1 Sinus coagulation suction unit
φ3mm, 0°



B4401.2 Sinus coagulation suction unit
φ3mm, 60°



BW4413 Elevator suction tube



B4404.1 Antrum highmori suction tube
φ2.5mm



B4404.2 Antrum highmori suction tube
φ2.5mm,straight



B4407.1 Antrum highmori suction tube
φ3mm



BW4410 Maxillary suction tube

BW4411 Maxillary suction tube

BW4412 Maxillary suction tube



B4403.1 Straight suction tube
φ3mm

B4403.2 Straight suction tube
φ4mm



BW4401 Suction tube
φ2.5mm

BW4402 Suction tube
φ3mm

BW4403 Suction tube
φ4mm



BW4404 Suction tube for treatment table
(peanut connector) φ4mm

BW4405 Suction tube for treatment table
(peanut connector) φ3mm

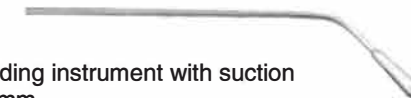


BW4406 Suction tube for treatment table

BW4407 Suction tube for treatment table

BW4408 Suction tube for treatment table

BW4409 Suction tube for treatment table



BW5909 Dividing instrument with suction
φ3mm

BW5910 Dividing instrument with suction
φ4mm



• Nasal bone hammer

BW5911 Nasal bone hammer















• Accessories of sinuscope(sinus currette)

	
B5910.1 Curette (without hook, big head)	B5913.1 Sinus currette 30° ,with hole, big head
	
B5910.2 Curette (without hook, medium head)	B5913.2 Sinus currette 30° with hole, medium head
	
B5910.3 Curette (without hook, small head)	B5913.3 Sinus currette 30° with hole, small head
	
B5917.1 Sinus currette 0° ,with hole, big head	B5914.1 Sinus currette 45° ,with hole, big head
	
B5917.2 Sinus currette 0° ,with hole, medium head	B5914.2 Sinus currette 45° ,with hole, medium head
	
B5917.3 Sinus currette) 0° ,with hole, small head	B5914.3 Sinus currette 45° ,with hole, small head
	
B5918.1 Sinus currette 15° ,with hole, big head	B5915.1 Sinus currette 90° ,with hole, big head
	
B5918.2 Sinus currette 15° ,with hole, medium head	B5915.2 Sinus currette 90° ,with hole, medium head
	
B5918.3 Sinus currette 15° ,with hole, small head	B5915.3 Sinus currette 90° ,with hole, small head











• Accessories of sinuscope(nasal septum knife)

	
B5401.1 Nasal septum knife 5mm, straight	B5402.1 Nasal septum knife 5mm Gun type
	
B5401.2 Nasal septum knife 4mm, straight	B5402.2 Nasal septum knife 4mm Gun type
	
B5401.3 Nasal septum knife 3mm, straight	B5402.3 Nasal septum knife 3mm Gun type

• Accessories of sinuscope(nasal bone chisel)

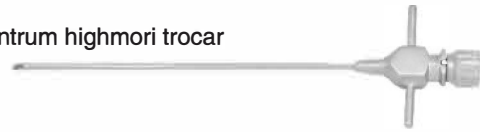
	
B5920.1 Nasal bone chisel 6mm, double protection	B5922.2 Nasal bone chisel semi-circle
	
B5920.2 Nasal bone chisel 6mm, left protection	B5923.1 Nasal bone chisel straight, big head
	
B5920.3 Nasal bone chisel 6mm, right protection	B5923.2 Nasal bone chisel straight, medium head
	
B5921.1 Nasal bone chisel 8mm, double protection	B5923.3 Nasal bone chisel straight, small head
	
B5921.2 Nasal bone chisel 8mm, left protection	B5924.1 Nasal bone chisel big head
	
B5921.3 Nasal bone chisel 8mm, right protection	B5924.2 Nasal bone chisel medium head
	
B5922.1 Nasal bone chisel curved	B5924.3 Nasal bone chisel small head

• Accessories of sinuscope(nasal septum dividing instrument, nasal periosteum dividing instrument)

	
B5916.1 Nasal septum dividing instrument 0°	B5919.4 Nasal septum dividing instrument upwards 45°
	
B5916.2 Nasal septum dividing instrument 15°	B5919.5 Nasal periosteum dividing instrumen curved
	
B5916.3 Nasal septum dividing instrument 30°	B5919.6 Dividing instrument with suction φ3
	
B5919.2 Nasal septum dividing instrument double head	B5919.7 Curette 30°
	
B5919.1 Nasal septum dividing instrument orbicular	B5919.3 Nasal septum dividing instrument upwards 90°

• Accessories of sinuscope(antrum highmori trocar,sinus probe)

B5925.1 Antrum highmori trocar



B5927.1 Sinus probe



• Accessories of sinuscope(nasal bone repositr,nasal mucosa knife)

B5405.1 Nasal mucosa knife single head



B5926.1 Nasal bone repositr double head



• Accessories of sinuscope(nasal tissue forceps,rongeur forceps)

BW5005 Nasal tissue forceps (30° large)



BW5006 Nasal tissue forceps (0° large)



BW5007 Nasal tissue forceps(right)



BW5008 Nasal tissue forceps(left)



BW5011 Rongeur forceps (30° small pointed head)



BW5012 Rongeur forceps (90° big blunt head)



BW5014 Rongeur forceps (30° small blunt head)



BW5015 Rongeur forceps (45° big blunt head)



BW5016 Rongeur forceps (30° pointed head)



BW5017 Rongeur forceps (45° pointed head)



BW5018 Nasal cutting forceps(0°)

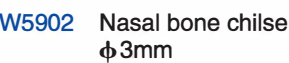


• Nasal bone chilse

BW5901 Nasal bone chilse φ5mm



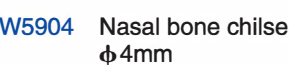
BW5902 Nasal bone chilse φ3mm



BW5903 Nasal bone chilse(half-round) φ3mm



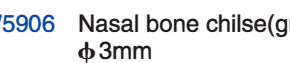
BW5904 Nasal bone chilse(half-round) φ4mm



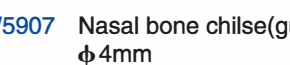
BW5905 Nasal bone chilse(half-round) φ5mm



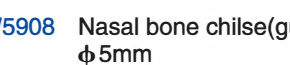
BW5906 Nasal bone chilse(gun-type) φ3mm



BW5907 Nasal bone chilse(gun-type) φ4mm



BW5908 Nasal bone chilse(gun-type) φ5mm



• BXQ Computer powerful chipping device(with curved head of knife)

U9611Z Control source
Rotation rate
4000r/min



U9622Z Hand controls
power of motor 8W



U8801 Foot switch



B5726Z Oblique inner cutters(curved)
φ4mm



B5722Z Flat full-tooth cutters(straight)
φ4mm



B5724Z Oblique cutters(straight)
φ4mm



B5747Z Round-shapes drill(straight)
φ4mm



• BXQ Computer powerful chipping device

B9611Z Control source
Rotation rate
8000-8500r/min



U9622Z Hand controls



U8801 Foot switch



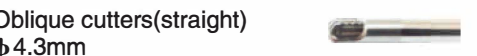
B5722Z Flat full-tooth cutters(straight)
φ3.5mm



B5724Z Flat cutters(straight)
φ4.3mm



B5725Z Oblique cutters(straight)
φ4.3mm



B5726Z Oblique inner cutter



B5747Z Oblique inner cutter



• BXQ Computer powerful chipping device(with straight head of knife)

U9611ZS Control source
Rotation rate
600-8000r/min



U9622ZS Hand controls



U8801S Foot switch



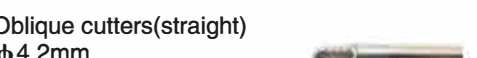
B5721ZS Flat cutter(straight)
φ4.2mm



B5722ZS Flat full-tooth cutters(straight)
φ4.2mm



B5726ZS Oblique cutters(straight)
φ4.2mm



B5747ZS Round-shapes drill(straight)
φ5mm



Otoscope EJ-1



J0900A

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 operation instruments adopt imported stainless steel material, no coating, good anti-corrosion function, low temperature plasma sterilization can be used



• Otoscope EJ-1

J0900AX1	0° Otoscope φ4mm × 60mm		J0930C	30° Otoscope φ4mm × 110mm	
J0900C	0° Otoscope φ4mm × 110mm		J0930D	30° Otoscope φ4mm × 90mm	
J0900D	0° Otoscope φ4mm × 90mm		J0970C	70° Otoscope φ4mm × 110mm	
			J0970D	70° Otoscope φ4mm × 90mm	

• Otoscope EJ-2

J1900A	0° Otoscope φ3mm × 90mm		J1900C	0° Otoscope φ3mm × 95mm	
J1900B	0° Otoscope φ3mm × 60mm		J1900C1	0° Otoscope φ3mm × 110mm	
			J1930A	30° Otoscope φ3mm × 90mm	

• Otoscope EJ-3

J2900A	0° Otoscope φ2.7mm × 90mm		J2970A	70° Otoscope φ2.7mm × 90mm	
J2900C	0° Otoscope φ2.7mm × 110mm		J2970C	70° Otoscope φ2.7mm × 110mm	
J2930A	30° Otoscope φ2.7mm × 90mm				
J2930C	30° Otoscope φ2.7mm × 110mm				

• Otoscope EJ-4

J2900	0° Otoscope (Instrument channel 2mm) φ5.5mm × φ20mm × 76mm		
-------	---	--	--

• Accessories of otoscope (endoscope)

J1900N4	0° Otoscope φ3mm × 130mm		J0230GS	30° Otoscope φ4mm × 142mm	
J2900D	0° Otoscope φ2.7mm × 60mm		J1970N	70° Otoscope φ3mm × 90mm	
J2900D1	0° Otoscope φ2.7mm × 50mm		J1970N3	70° Otoscope φ3mm × 110mm	
J1930N4	30° Otoscope φ3mm × 130mm		J2945C	45° Otoscope φ2.7mm × 110mm	
J1930X	30° Otoscope φ3mm × 60mm				

Laryngoscope HJ-1



J2670A
J2690A

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 operation instruments adopt imported stainless steel material, no coating, good anti-corrosion function, low temperature plasma sterilization can be used



• Laryngoscope HJ-1

J2670 70° Laryngoscope
φ8mm × 184mm

J2670A 70° Laryngoscope
φ6mm × 184mm

J2670B 70° Laryngoscope
φ10mm × 185mm

J2670R 70° Laryngoscope(with handle)
φ8mm × 185mm

J2670AR 70° Laryngoscope(with handle)
φ6mm × 185mm

J2690 90° Laryngoscope
φ8mm × 179mm

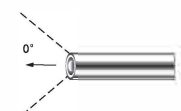
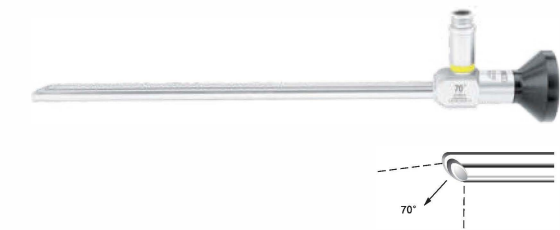
J2690A 90° Laryngoscope
φ6mm × 179mm

J2690R 90° Laryngoscope(with handle)
φ8mm × 180mm

J2690AR 90° Laryngoscope(with handle)
φ6mm × 180mm

J2790 90° Laryngoscope
φ10mm × 185mm

J2600A 0° Laryngoscope
φ6mm × 179mm



Operating Laryngoscope HZ-1



JY2612B
U8531

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 operation instruments adopt imported stainless steel material, no coating, good anti-corrosion function, low temperature plasma sterilization can be used
- Operation can be made with or without the endoscope



• Endoscope

JY2612B 12° Laryngoscope
φ4.8mm × 183mm



• Blade and handle, Chest support

U8520 Chest support



U8531 Blade and handle (with endoscope)



U8530 Blade and handle



• Biopsy forceps, Foreign body forceps, Ministraight scissors

H5010 Ball biopsy forceps



H5016 40° Flat ball head biopsy forceps (big)
φ3.2mm × 230mm

H5019 40° Flat ball head biopsy forceps (medium)
φ3.2mm × 230mm

H5011 45° Ball biopsy forceps (up curved)
φ2mm × 230mm



H5020 40° Flat ball head biopsy forceps (small)
φ3mm × 230mm

H5012 Foreign body forceps (with teeth)
φ2mm × 230mm



H5017 0° Ball biopsy forceps (right curved)
φ2mm × 230mm



H5013 5° Long ball biopsy forceps
φ2mm × 230mm



H5018 40° Ball biopsy forceps (left curved)
φ2mm × 230mm



H5014 0° Ball biopsy forceps (left curved)
φ2mm × 230mm



H5021 45° Flat ball head biopsy forceps
φ2mm × 230mm (right curved)



H5015 45° Ball biopsy forceps (left curved)
φ2mm × 230mm



H5311 Ministraight scissors



• Throat knife, Throat needle, Throat hook, Handle

H5411 Throat knife
φ2mm × 250mm



H5912 Throat hook
φ2mm × 250mm



H5911 Throat needle
φ2mm × 250mm



T7703 Handle



• Suction tube, Light cable

H4402 Suction tube
φ2.5mm × 250mm

H4403 Suction tube
φ3mm × 250mm

H4404 Suction tube
φ4mm × 250mm



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



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

Laparoscope DF







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





• Φ 10mm Endoscope

- | | | |
|--------|---|---|
| J0800B | 0° Endoscope (Angle of field:70°)
φ 10mm × 325mm |  |
| J0800G | 0° Endoscope (Angle of field:90°)
φ 10mm × 325mm |  |
| J0830B | 30° Endoscope (Angle of field:70°)
φ 10mm × 325mm |  |
| J0830G | 30° Endoscope (Angle of field:90°)
φ 10mm × 325mm |  |

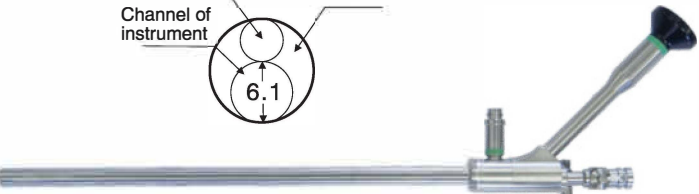
• Φ 5mm Endoscope

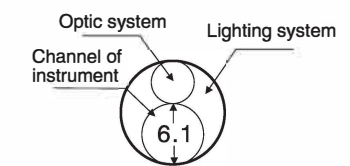
- | | | |
|-------|--------------------------------|---|
| J1800 | 0° Endoscope
φ 5mm × 290mm |  |
| J1830 | 30° Endoscope
φ 5mm × 290mm |  |

• 4K HD laparoscope



- | | | |
|---------|---|--|
| J0800BH | 0° Endoscope (Angle of field:75°)
φ 10mm × 340mm |  |
| J0830BH | 30° Endoscope (Angle of field:75°)
φ 10mm × 340mm |  |



• Oblique laparoscope


- | | | |
|----------|---|---|
| JY0800S2 | Oblique laparoscope
φ 11mm × 270mm
Used with φ 6mm instrument |  |
|----------|---|---|




• Trocar, Veress needle, Reducing cannula, Outer rubber cap, Inner sealed cap















- | | | |
|----------|---|---|
| D4701C-0 | Reducing cannula(short)
φ 10mm-φ 5mm |  |
| D4701C-1 | Reducing cannula(long)
φ 10mm-φ 5mm |  |

- | | | |
|---------|-----------------------------|---|
| D4500-1 | Outer rubber cap
φ 5.5mm |  |
| D4500-4 | Outer rubber cap
φ 10mm |  |









- | | | |
|-------|-----------------|---|
| D4610 | φ 2.2mm × 100mm |  |
| D4612 | φ 2.2mm × 120mm | |
| D4615 | φ 2.2mm × 150mm | |

- | | | |
|---------|-----------------------------|---|
| D4500-2 | Inner sealed cap
φ 5.5mm |  |
| D4500-3 | Inner sealed cap
φ 10mm | |

• Trocar

D4561D Trocar(magnetic ball) φ 5.5mm × 100mm		D4561B Trocar(cross-shaped) φ 5.5mm × 100mm	
D4521D Trocar(magnetic ball) φ 10.5mm × 100mm		D4521B Trocar(cross-shaped) φ 10.5mm × 100mm	
D4561DB Trocar(magnetic ball/protection) φ 5.5mm × 100mm		D4561BB Trocar(cross-shaped/protection) φ 5.5mm × 100mm	
D4521DB Trocar(magnetic ball/protection) φ 10.5mm × 100mm		D4521BB Trocar(cross-shaped/protection) φ 10.5mm × 100mm	
D4561DL Trocar(magnetic ball/thread) φ 5.5mm × 100mm		D4561BL Trocar(cross-shaped/thread) φ 5.5mm × 100mm	
D4521DL Trocar(magnetic ball/thread) φ 10.5mm × 100mm		D4521BL Trocar(cross-shaped/thread) φ 10.5mm × 100mm	
D4561E Trocar(magnetic sheet) φ 5.5mm × 100mm		D4521BZ Trocar(cross-shaped/convertible) φ 10.5mm × 100mm	
D4521E Trocar(magnetic sheet) φ 10.5mm × 100mm		D4561F Trocar(switch panel) φ 5.5mm × 100mm	
D4561EB Trocar(magnetic sheet/protection) φ 5.5mm × 100mm		D4521F Trocar(switch panel) φ 10.5mm × 100mm	
D4521EB Trocar(magnetic sheet/protection) φ 10.5mm × 100mm		D4561FB Trocar(switch panel/protection) φ 5.5mm × 100mm	
D4561EL Trocar(magnetic sheet/thread) φ 5.5mm × 100mm		D4521FB Trocar(switch panel/protection) φ 10.5mm × 100mm	
D4521EL Trocar(magnetic sheet/thread) φ 10.5mm × 100mm		D4533B Trocar(cross-shaped) φ 12.5mm × 100mm	
D4521EZ Trocar(magnetic sheet/convertible) φ 10.5mm × 100mm		D4567 Reducing adapter	
D4521FL Trocar(switch panel/thread) φ 10.5mm × 100mm		D4566EB Trocar(magnetic sheet/protection) φ 12.5mm × 95mm	
D4561FL Trocar(switch panel/thread) φ 5.5mm × 100mm		D4566E Trocar(magnetic sheet) φ 11mm	
D4529A Trocar(cross-shaped with rubber cap)		D4566E1 Trocar(magnetic sheet) φ 12mm	
D4561EB.11 Trocar(thorax) φ 5.5mm		D4561EB.11 Trocar(thorax) φ 12.5mm	













• Clip applier

D5006C Clip applier Middle(Single-action,Double-action) φ 10mm × 330mm		D5006D Clip applier (Used with imported biologic clip) φ 10mm × 330mm	
DW5021 Clip applier Single-action(Small) φ 5mm × 330mm		D5006E-1 Clip applier(Medium)(purple) Used with imported plastic clip φ 10mm × 330mm	
DW5022 Clip applier(Deep-seated) φ 10mm × 330mm		D5006E-2 Clip applier(Large)(yellow) Used with imported plastic clip φ 10mm × 330mm	
DW5023 Clip applier(Large) φ 10mm × 330mm		D5006F Clip applier (Medium) φ 10mm × 330mm	

















• Method of detaching the instrument(Insulated)



• Forceps (Insulated, φ5mm)

D6529 Duck-jaw forceps φ 5mm × 330mm		D6535 Atraumatic forceps φ 5mm × 330mm	
D6530 Punch grasping forceps φ 5mm × 330mm		D6536 Grasping forceps φ 5mm × 330mm	
D6531 Grasping forceps φ 5mm × 330mm		D6537 Tine forceps φ 5mm × 330mm	
D6531A Grasping forceps φ 5mm × 330mm		D6539 Biopsy forceps φ 5mm × 330mm	
D6532 Organ-anchoring forceps φ 5mm × 330mm		D6540 Biopsy forceps (with needle) φ 5mm × 330mm	
D6533 Grasping forceps (Rat-teeth)1+2teeth φ 5mm × 330mm		D6541 Biting and cutting forceps φ 5mm × 330mm	
D6533A Grasping forceps (Rat-teeth)2+3teeth φ 5mm × 330mm		D6546 Medium grasping forceps φ 5mm × 330mm	









• Forceps (Insulated, Φ5mm)

D6520	Atraumatic forceps φ 5mm × 330mm		D6538	Appendix grasping forceps φ 5mm × 330mm	
D6520A	Atraumatic forceps(small) φ 5mm × 330mm		D6534	Grasping forceps(small teeth) φ 5mm × 330mm	
D6523	Cholecystic grasping forceps φ 5mm × 330mm		D6545	Mucous membrane forceps φ 5mm × 330mm	
D6524	Fallopian tube grasping forceps φ 5mm × 330mm		D6547	Hollow erect grasping forceps φ 5mm × 330mm	
D6542	Tharm grasping forceps φ 5mm × 330mm		D6543	Tharm grasping forceps(empty) φ 5mm × 330mm	
D6548	O-shaped grasping forceps φ 5mm × 330mm		D6549	V-shaped grasping forceps φ 5mm × 330mm	
D6525A	Knot forceps(Rotating) φ 5mm × 330mm		D6525B	Knot forceps B type φ 5mm × 330mm	
1.04.01.04004	Bulldog clips applicator φ 5mm × 330mm				








• Forceps(Φ 10mm)

D5000	Normal handle of instrument φ 10mm		D5000S	Handle of instrument with lock φ 10mm	
D5014A	Grasping forceps φ 10mm × 330mm		D5056	Liver grasping forceps φ 10mm × 330mm	
D5050	Tharm grasping forceps,bent φ 10mm × 330mm		D5062	Interdiction vessel forceps(S type)	
D5054	Stomach grasping forceps φ 10mm × 330mm		D5063	Spleen pedicel vein grasping forceps φ 10mm × 330mm	
D5055	Stomach grasping forceps φ 10mm × 330mm				





• Forceps(Φ 10mm)

D5002A	Claw forceps φ 10mm × 330mm		D5011D	Atraumatic forceps φ 10mm × 330mm	
D5057	Anastomosis tractin forceps φ 10mm × 330mm		D5011C	Atraumatic forceps φ 10mm × 330mm	
DW5011	Long head grasping forceps φ 10mm × 330mm		DW5013	Large grasping forceps(2-teeth) φ 10mm × 330mm	
DW5012	Lung grasping forceps φ 10mm × 330mm		DW5014	Suture grasping forceps φ 10mm × 330mm	

• Scissors(Insulated)

D6601	Hook scissors φ 5mm × 330mm		D6603A	Scissors(double-action straight) φ 5mm × 330mm	
D6602	Scissors(double-action curved) φ 5mm × 330mm		D6604	Upwards scissors φ 5mm × 330mm	
D6602A	Scissors(single-action curved) φ 5mm × 330mm		D6605	Scissors(straight,single/double-action) φ 10mm × 330mm	
D6603	Scissors(single-action straight) φ 5mm × 330mm		D6606	Scissors(curved,single/double-action) φ 10mm × 330mm	

• Spring grasping forceps

D5017A	Spring grasping forceps φ 5mm × 330mm		
D5017B	Spring grasping forceps long mouth φ 5mm × 330mm		

• Dissecting forceps

D6501C Dissecting forceps(straight)
φ 5mm × 330mm



D6527 Dissecting forceps(large)
φ 10mm × 330mm



D6503C Dissecting forceps(curved)
φ 5mm × 330mm



D6528 Dissecting forceps(large)
φ 10mm × 330mm



D6526 Dissecting forceps
φ 5mm × 330mm



D5061 Biliary stone forceps
φ 5mm × 330mm



DW5016 Dissecting forceps
φ 5mm × 330mm



• Needle holder

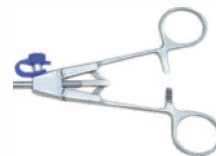
D5032C Gun type needle holder
(straight/alloy)
φ 5mm × 330mm



D5032D Gun type needle holder
(curved/alloy)
φ 5mm × 330mm

D5032BX V type needle holder
(straight/pediatric)
φ 3mm × 330mm

Handle(O type)
Applying to D5033B、D5033C



Handle(V type)
applying to D5032B、D5032A、D5033A、D5033D



D5032A Needle holder V type
(straight/alloy)
φ 5mm × 330mm



D5033A Towards needle holder
(alloy)
φ 5mm × 330mm



D5033B Needle holder O type
(straight/alloy)
φ 5mm × 330mm



D5033D Towards clip needle holder
(alloy)
φ 5mm × 330mm



D5032B Needle holder V type
(curved/alloy)
φ 5mm × 330mm



D5033C Needle holder O type
(curved/alloy)
φ 5mm × 330mm



• Double-electrode forceps, Double-electrode wire

D6513 Double-electrode forceps
(Dissecting head)((Normal))
φ 5mm × 330mm



D6512 Double-electrode forceps
(Atraumatic head)

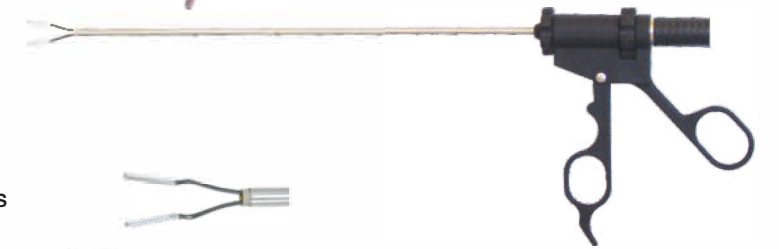


D6512-1 Atraumatic core of double-electrode forceps

D6513-1-1 Dissecting core of double-electrode forceps



D6521 Double-electrode forceps
(Flat head)
φ 5mm × 330mm



D6521A N Core of double-electrode forceps



DW6501 Double-electrode forceps(circular)
φ 5mm × 330mm



DW6502 Double-electrode forceps(curved)
φ 5mm × 330mm



U8414 Double-electrode wire



• Coagulation instrument

D6402B Electric spade
φ 5mm × 330mm



D6407B Electric knife
φ 5mm × 330mm



D6403B Electric coagulator
φ 5mm × 330mm



D6408B Electric pin
φ 5mm × 330mm



D6404B Electric hook
φ 5mm × 330mm



DW4402X Electric Coagulator(pediatric)
φ 3mm × 330mm



D6410 Coagulation suction unit(hook)
φ 5mm × 330mm



D6410X Electric hook(pediatric)
φ 3mm × 330mm



DW4402 Coagulation suction unit(coagulator)
φ 5mm × 330mm



D6408B.X Electric pin(pediatric)
φ 3mm × 330mm



• Knot forceps



D6525A Knot forceps(Rotating)
φ5mm × 330mm



D6525B Knot forceps B type
φ5mm × 330mm



• Sector forceps



D5060 Sector forceps
(five leaves,bent)
φ10mm × 330mm



D6550 Sector forceps
(three leaves)
φ5mm × 330mm



• Suction device

D4405 Suction unit(disassembly)
φ5mm、φ10mm × 330mm



DW4405 Suction unit (spring type)
φ5mm、φ10mm × 330mm



DW4404 Suction unit(gun type)
φ5mm、φ10mm × 330mm



• Cutting knife

D5401A Cutting knife
φ5mm × 330mm



D5401B Cutting knife
φ10mm × 330mm



• Power-driven uterectomy

201.001 Hysterectomy apparatus
φ10mm × 320mm

201.002 Hysterectomy apparatus
φ15mm × 320mm

201.003 Hysterectomy apparatus
φ18mm × 320mm

201.004 Hysterectomy apparatus
φ15mm × 320mm

201.005 Hysterectomy apparatus
φ18mm × 320mm



201.006 Uterus measuring stick
φ5mm × 520mm



DS301.007 Rod
φ5mm × 420mm



201.019 Hysteromyoma bodkin
φ5mm × 420mm

201.020 Hysteromyoma bodkin
φ10mm × 420mm



201.016 Grasping forceps
φ10mm × 420mm

201.017 Grasping forceps
φ5mm × 420mm



201.021 Cervical forceps(adjustable)
250mm/310mm

201.024 Uterine neck forceps

201.025 Heavy scissors(curved)

201.026 Bile Duct Needle
φ5mm × φ330mm



201.010 Dilator
φ10mm-φ15mm

201.011 Dilator
φ10mm-φ18mm

201.013 Converter
φ15mm-φ5mm

201.014 Converter
φ18mm-φ5mm

201.008 Trocar cannula
φ15mm × 95mm

201.009 Trocar cannula
φ18mm × 95mm



201.015 Knot-pushing stick
φ5mm × 330mm



201.018 Lift uterus apparatus
400mm



201.012 Guide probe
φ10mm × 330mm



201.023 Electro-motor



201.022 Host machine



201.027 Elevator(Double heads)
φ10mm × φ330mm



201.028 Cord



• Uterus apparatus

D5051A Cup style lift uterus apparatus



D5051 Multifunctional uterus apparatus
260mm



D5041A Lift uterus apparatus
150mm



• Uterine neck forceps

D5402 Puncture needle



D5042 Uterine neck forceps



DW5030 Cervical forceps (adjustable)

• Knot pusher

D5034A Knot pusher
φ5mm × 330mm



• Clip applicator

DW5021 Clip applicator
Small(Single action)



DW5024 Clip applicator(Small)



DW5022 Clip applicator
(Deep-seated)
φ10mm × 330mm



DW5025 Clip applicator



• Forceps (Insulated, Φ5mm)

DW5001 Stomach grasping forceps
φ5mm × 330mm



DW5006 Grasping forceps(Double forceps)
φ5mm × 330mm



DW5002 Stomach grasping forceps
φ5mm × 330mm



DW5007 Intestinal grasping forceps
φ5mm × 330mm



DW5003 Stomach grasping forceps(Curved)
φ5mm × 330mm



DW5008 Oval forceps(Small)
φ5mm × 330mm



DW5004 Stomach grasping forceps(Round tip)
φ5mm × 330mm



DW5009 Oval forceps(Middle)
φ5mm × 330mm



DW5005 Grasping forceps(Double forceps)
φ5mm × 330mm



DW5010 Oval forceps(Large)
φ5mm × 330mm



• Pediatric laparoscope instrument

DW5015 Atraumatic forceps
φ3mm × 330mm



DW5301 Scissors(hook-shaped)
φ3mm × 330mm



DW5017 Dissecting forceps
φ3mm × 330mm



DW5302 Scissors(single action)
φ3mm × 330mm



DW5018 Dissecting forceps(straight)
φ3mm × 330mm



DW5303 Scissors(single action curved)
φ3mm × 330mm



D6410X Electric hook
φ3mm × 330mm



DW4402X Coagulator
φ3mm × 330mm



• Coagulation suction unit

DW4401 Coagulation suction unit with valve
φ5mm × 330mm



• Suture forceps

D5048 Abdominal suture forceps(zenon)
φ2mm × 150mm



D5403 Abdominal suture forceps(zenon)
φ2mm × 150mm



D5049 Abdominal suture forceps(zenon restoration device)
φ2.2mm × 110mm



• Opening forceps,Cholangiography forceps

D5052 Cholangiography
φ5mm × 330mm



D5053 Opening forceps 57mm
φ11mm



• Single-electric wire

U8413A Single-electrod wire
3m



• Titanium clip,Light cable

D5801 Titanium clip



U8725 Light cable
φ5mm × 3m



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

Proctoscope CZ-4



Product features

- Endoscope adopts imported stainless steel material
- Endoscope adopts German optic glass, light fiber and light cone
- New optic system, clear field of view
- With direction index, sapphire lens cover never abrasion
- The autoclavable endoscope can be chosen
- The operation instruments adopt imported stainless steel material, no coating, good anti-corrosion function



• Endoscope

J0212 12° Proctoscope
φ4mm × 175mm



• Sheath&obturator, Working element, Bent suction tube

C4023 Sheath&obturator
φ20mm × 123mm



C4411 Bent suction tube
420mm



C4102 Working element



J2311 Glass cover



• Forceps

N5171 Flexible biopsy forceps
7Fr × 370mm



N5271 Flexible scissors
7Fr × 370mm



N5172 Flexible saw-tooth forceps
7Fr × 370mm



N5173 Flexible foreign body forceps
7Fr × 370mm

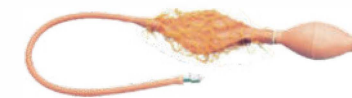


C5010 Cotton forceps
φ5mm × 370mm



• Accessories

U8321 Double bulbs(with connector)



T7211 Out-flow valve



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



T7303 Sealed cap



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

U8611 Cleaning brush



Sigmoidoscope CJ-4



Product features

- Endoscope adopts imported stainless steel material
- Endoscope adopts German optic glass, light fiber and light cone
- New optic system, clear field of view
- With direction index, sapphire lens cover never abrasion
- The autoclavable endoscope can be chosen
- The operation instruments adopt imported stainless steel material, no coating, good anti-corrosion function



• Endoscope

J0312A 12° Sigmoidoscope
φ4mm × 302mm



• Sheath&obturator, Working element, Glass cover, Bent suction tube

C4021 Sheath&obturator
φ20mm × 250mm



C4411 Bent suction tube
420mm



C4103 Working element



J2311 Glass cover



• Forceps

N5171 Flexible biopsy forceps
7Fr × 370mm



N5271 Flexible scissors
7Fr × 370mm



N5172 Flexible saw-tooth forceps
7Fr × 370mm



N5173 Flexible foreign body forceps
7Fr × 370mm



C5010 Cotton forceps
φ5mm × 370mm



• Accessories

U8321 Double bulbs(with connector)



T7211 Out-flow valve



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



T7303 Sealed cap



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

U8611 Cleaning brush



Neurosurgery NS-1



Neurosurgery

- 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
- Stainless steel valve, easy for maintenance, avoid damaging
- Low temperature plasma sterilization can be used

• Neuroendoscope System(EEA),Endoscope



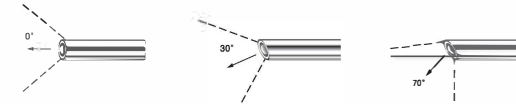
JY1600B 0° Endoscope(Angle of field: 60°)
φ4mm × 170mm



JY1630A 30° Endoscope(Angle of field: 55°)
φ4mm × 170mm



J1600N 0° Endoscope (Angle of field: 60°)
φ4mm × 175mm



J1630N 30° Endoscope(Angle of field: 60°)
φ4mm × 175mm

J1670N 70° Endoscope
φ4mm × 175mm

• Sheath

NS4053A 30° Sheath two-stopcock(Match with JY1630A)
φ5.5mm × 135mm



NS4050A 0° Sheath two-stopcock(Match with JY1600B)
φ5.5mm × 135mm

NS4050 0° Sheath two-stopcock(Match with J1600N)
φ5.5mm × 140mm



NS4053 30° Sheath two-stopcock(Match with J1630N)
φ5.5mm × 140mm

NS4057 70° Sheath two-stopcock(Match with J1670N)
φ5.5mm × 140mm

• Surgical Forceps



NS5003 Fine tumor grasping forceps
3mm x 200mm



NS5002 Laminectomy rongeur forceps
2mm x 180mm 90° Forwards

NS5002.1 Laminectomy rongeur forceps
2mm x 185mm 110° Forward, ultra thin

NS5002.2 Laminectomy rongeur forceps
2mm x 185mm 110° Backward, ultra thin



NS5002.3 Laminectomy rongeur forceps



NS5002.4 Laminectomy rongeur forceps



Y5002D.1 Biopsy forceps
180mm 0°

• Surgical Forceps



Y5002D.2 Biopsy forceps
180mm 0°



NS5011B Nostril spreading forceps
11.5mm x 180mm 90°

• Surgical Scissors



NS5318 Fine tissue scissors(Gun-shaped, straight)
180mm

NS5318.1 Fine tissue scissors(Gun-shaped, left curved)
180mm

NS5318.2 Fine tissue scissors (Gun-shaped, right curved)
180mm



NS5312 Tissue scissors(Gun-shaped, pointed,spring-type)
120mm x 230mm



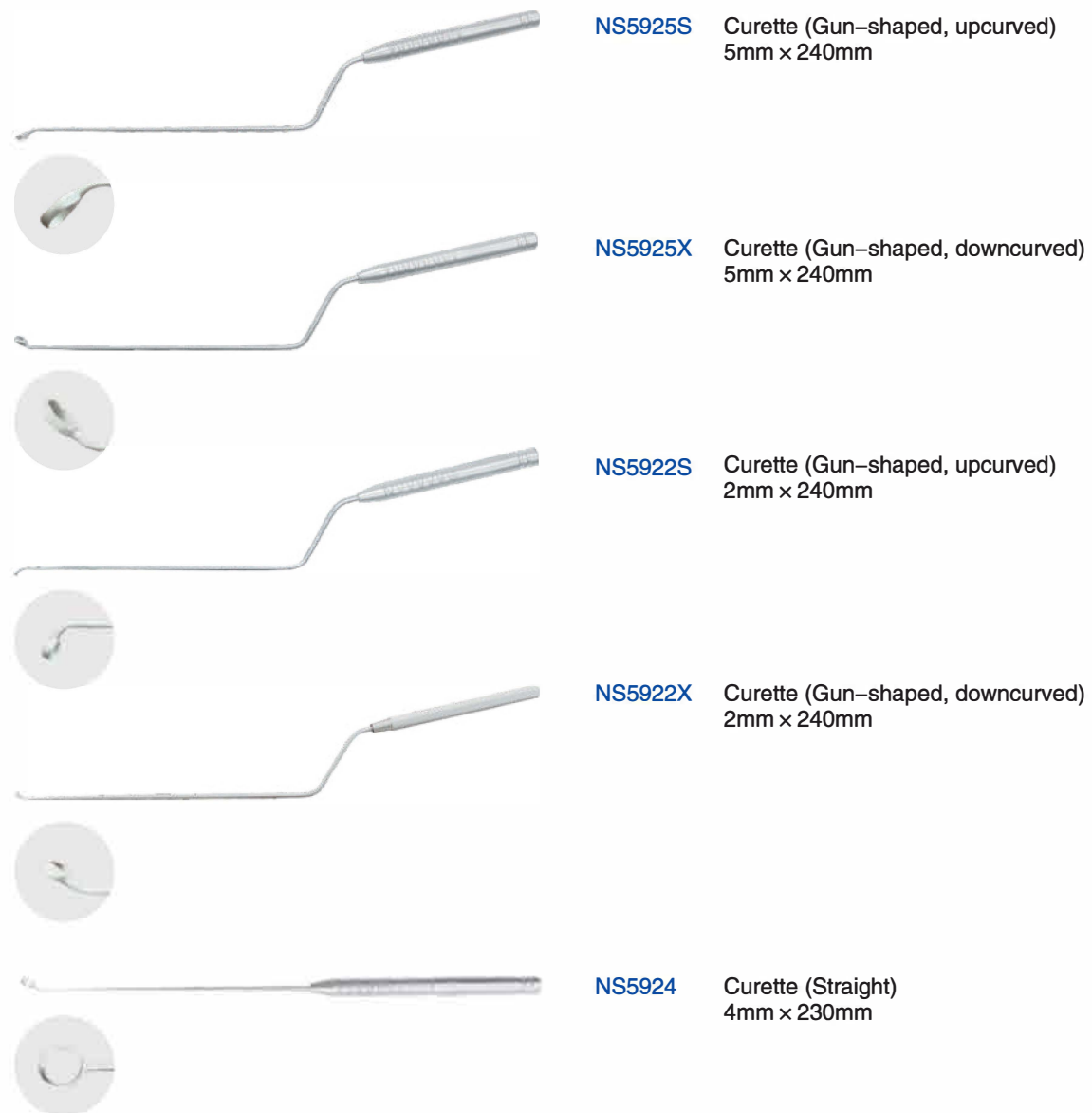
NS5302.1 Rigid scissors
12.5m Nasal shell scissors, gun-shaped

• Surgical Tweezers



NS4909 Surgical tweezers(Gun-shaped, with teeth)
0.9mm x 240mm

• Curette



NS5925S Curette (Gun-shaped, upcurved)
5mm × 240mm

NS5925X Curette (Gun-shaped, downcurved)
5mm × 240mm

NS5922S Curette (Gun-shaped, upcurved)
2mm × 240mm

NS5922X Curette (Gun-shaped, downcurved)
2mm × 240mm

NS5924 Curette (Straight)
4mm × 230mm

• Hook



NS5933 Pointed hook(Gun-shaped)
φ0.3mm × 240mm 90°

NS5936 Blunt hook
φ0.6mm × 230mm

• Surgical Knives

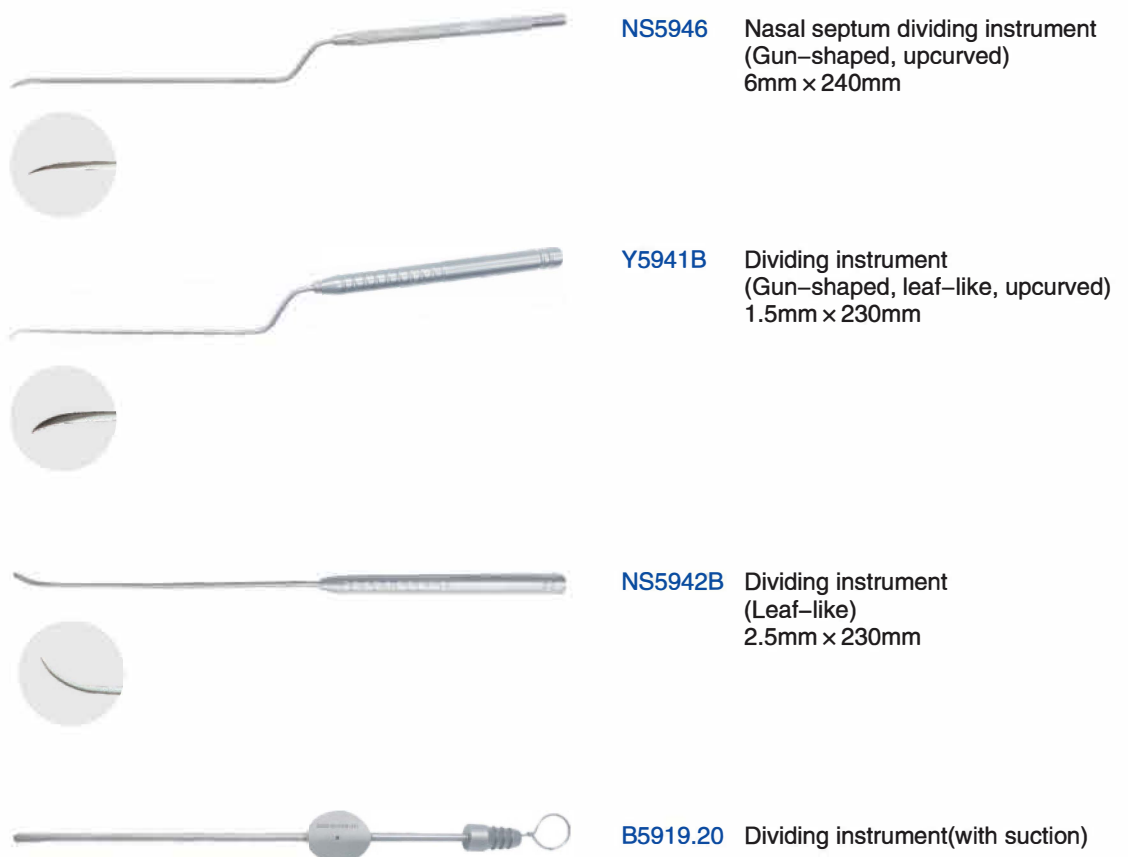


NS5403S Micro surgical knife (Gun-shaped, upcurved)
3.5mm × 230mm

NS5405Z Micro surgical knife (Sickle-shaped, straight)
5.6mm × 210mm 45°

NS5403X Micro surgical knife(Gun-shaped, downcurved)
3.5mm × 230mm

• Dividing Instrument









NS5946 Nasal septum dividing instrument
(Gun-shaped, upcurved)
6mm × 240mm

Y5941B Dividing instrument
(Gun-shaped, leaf-like, upcurved)
1.5mm × 230mm

NS5942B Dividing instrument
(Leaf-like)
2.5mm × 230mm

B5919.20 Dividing instrument(with suction)

• Suction Tube

	NS4404B.1 Controllable brain suction tube φ3.5mm × 210mm Working length 150mm
	NS4404B.2 Controllable brain suction tube φ2.5mm × 210mm
	NS4404B Controllable brain suction tube φ4mm × 250mm
	NS4402A Suction tube(Metal) φ2.7mm × 170mm
	B4401.1 Sinus coagulation suction unit φ3mm 0°
	B4401.2 Sinus coagulation suction unit φ3mm 60°

• Bone Chisel

	NS5944 Flat bone chisel 4.5mm × 180mm
	NS5945 Flat bone chisel (Gun-shaped, round handle) 5mm × 180mm
	NS5945B Flat bone chisel (Gun-shaped, round handle) 5mm × 180mm
	NS5945BY Crescent bone chisel (Gun-shaped, round handle) 5mm × 180mm

• Bone Hammer

	NS4814 Bone hammer 200mm × 140g
---	---

• Neuroendoscope System, Endoscope

	JY1600A 0° Endoscope(Angle of field: 55°) φ3mm × 240mm
	JY1612A 0° Endoscope(Angle of field: 55°) φ3mm × 240mm
	JY1630E 30° Endoscope(Angle of field: 55°) φ6.9mm × 205mm

• Sheath

	NS4018A Sheath and obturator (Match with JY1600A、JY1612A) φ6mm × 196mm
	NS4024A Sheath and obturator (Match with JY1600A、JY1612A) φ8mm × 196mm
	NS4030A Sheath and obturator (Match with JY1600A、JY1612A) φ10mm × 196mm

• Retractor

	NS5611 Mastoid Retractor Fixed 3 × 3 hook, curved 14.5mm × 110mm
---	--

• Surgical Tweezers

	NS4909 Surgical tweezers(Gun-shaped, with teeth) 0.9mm × 240mm
---	--

• Surgical Forceps



Y5001A1 Biopsy forceps
φ3.5mm × 380mm



Y5002D Biopsy forceps
φ2.7mm × 380mm



X5004 Rigid biopsy forceps
5Fr × 340mm



NS5006 Double joint rongeur forceps
(Side angle head)
φ6mm × 220mm

• Surgical Scissors



X5302 Rigid scissors
5Fr × 340mm



NS5312 Tissue scissors
(Gun-shaped, pointed, spring-type)
120mm × 230mm

• Curette



NS5925S Curette (Gun-shaped, upcurved)
5mm × 240mm



NS5925X Curette (Gun-shaped, downcurved)
5mm × 240mm



NS5924 Curette (Straight)
4mm × 230mm



NS5922S Curette (Gun-shaped, upcurved)
2mm × 240mm



NS5922X Curette (Gun-shaped, downcurved)
2mm × 240mm



NS5933 Pointed hook (Gun-shaped)
φ0.3mm × 240mm 90°



NS5936 Blunt hook
φ0.6mm × 230mm

• Hook



• Surgical Knives

	NS5403S	Micro surgical knife (Gun-shaped, upcurved) 3.5mm x 230mm
	NS5405Z	Micro surgical knife (Sickle-shaped, straight) 5.6mm x 210mm 45°
	NS5403X	Micro surgical knife (Gun-shaped, downcurved) 3.5mm x 230mm

• Dividing Instrument

	NS5946	Nasal septum dividing instrument (Gun-shaped, upcurved) 6mm x 240mm
	Y5941B	Dividing instrument (Gun-shaped, leaf-like, upcurved) 1.5mm x 230mm
	NS5942B	Dividing instrument (Leaf-like) 2.5mm x 230mm

• Suction Tube

	NS4404B.1	Controllable brain suction tube φ3.5mm x 210mm Working length 150mm
	NS4404B.2	Controllable brain suction tube φ2.5mm x 210mm
	NS4404B	Controllable brain suction tube φ4mm x 250mm
	NS4402A	Suction tube (Metal) φ2.7mm x 170mm
	B4401.1	Sinus coagulation suction unit φ3mm 0°
	B4401.2	Sinus coagulation suction unit φ3mm 60°

• Dilator

	NS5604	Dilator φ4mm x 165mm
	NS5606	Dilator φ6mm x 165mm


• Brain Platen

	NS5911B	Brain platen 13mm x 11mm x 230mm
	NS5911	Brain platen 13mm x 11mm x 200mm

• 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

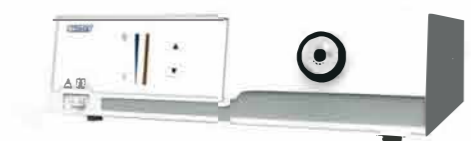
• Power system (used with laser shredding endoscope)



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: $10 \pm 0.05\text{mm}$
- ◆ 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



Computer powerful chipping device
ES-BXQ-1

- ◆ 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

Peritoneum Cleaner 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



ESSE 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



Endoscope image system
ES-NYX-1

- 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



- ◆ Multi-department application mode is provided, including Thoracoscope, Fiber-optic, Hysteroscope, Cystoscope, ENT and Laparoscope, etc
- ◆ 7-inch LCD screen, real-time image display
- ◆ High waterproof camera, which can be soaked and disinfected
- ◆ Menu memory function, can switch different endoscope modes
- ◆ The main machine has fiber-optic mode, which can be connected to the fiber mirror for use
- ◆ With image freezing, 4-level image magnification, image horizontal and vertical mirroring functions
- ◆ The camera handle has three function keys, brightness increase, brightness decrease and image freeze (This key can also be set as white balance function in the menu)
- ◆ Power: AC 220V \pm 22V 50Hz \pm 1Hz
- ◆ Output power: 35VA
- ◆ Image pixels: 1920 (H) x 1080 (V) (2.073 million pixels)
- ◆ Scanning standard: 1125 lines, 60 frames
- ◆ Video output: dual HDMI, dual DVI
- ◆ Minimal illumination: 5Lx at F5.5
- ◆ ESD-HD668P Endoscope Image System
- ◆ ESD-LED Medical cold light source
- ◆ ES-QG-II Automatic high flow Co₂ insufflator
- ◆ ES-QB-1 Perfusion pump for endoscope
- ◆ Trolley
- ◆ ESSE Monitor

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

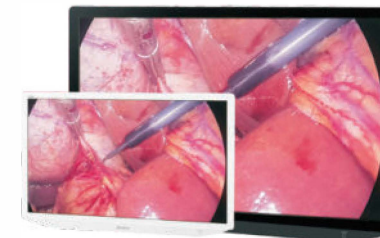
• Medical Endoscope LED cold light source



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: $>550\text{lm}$
- ◆ Working environment: Temperature $+10^{\circ}\text{C} \sim +40^{\circ}\text{C}$
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