



• Code of endoscope

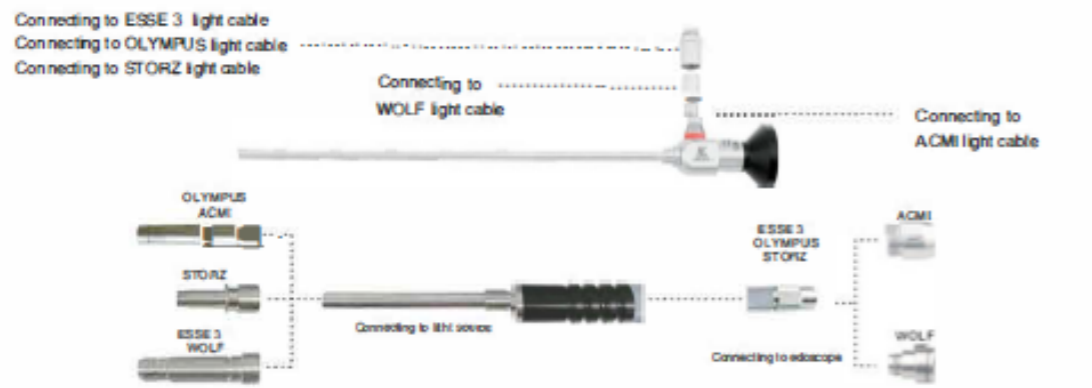


	Endoscopes	Autoclavable endoscope
	<div style="display: flex; align-items: center;"> <div style="margin-right: 5px;">□□□□□</div> <div style="margin-right: 5px;">G or CG</div> </div> <div style="margin-left: 20px;"> G: wide angle, CG: wider angle Code(English letter) Angle of view direction (Arabic numerals)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

• Mark of color code

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

• How to connect the light cable



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



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UROLOGY



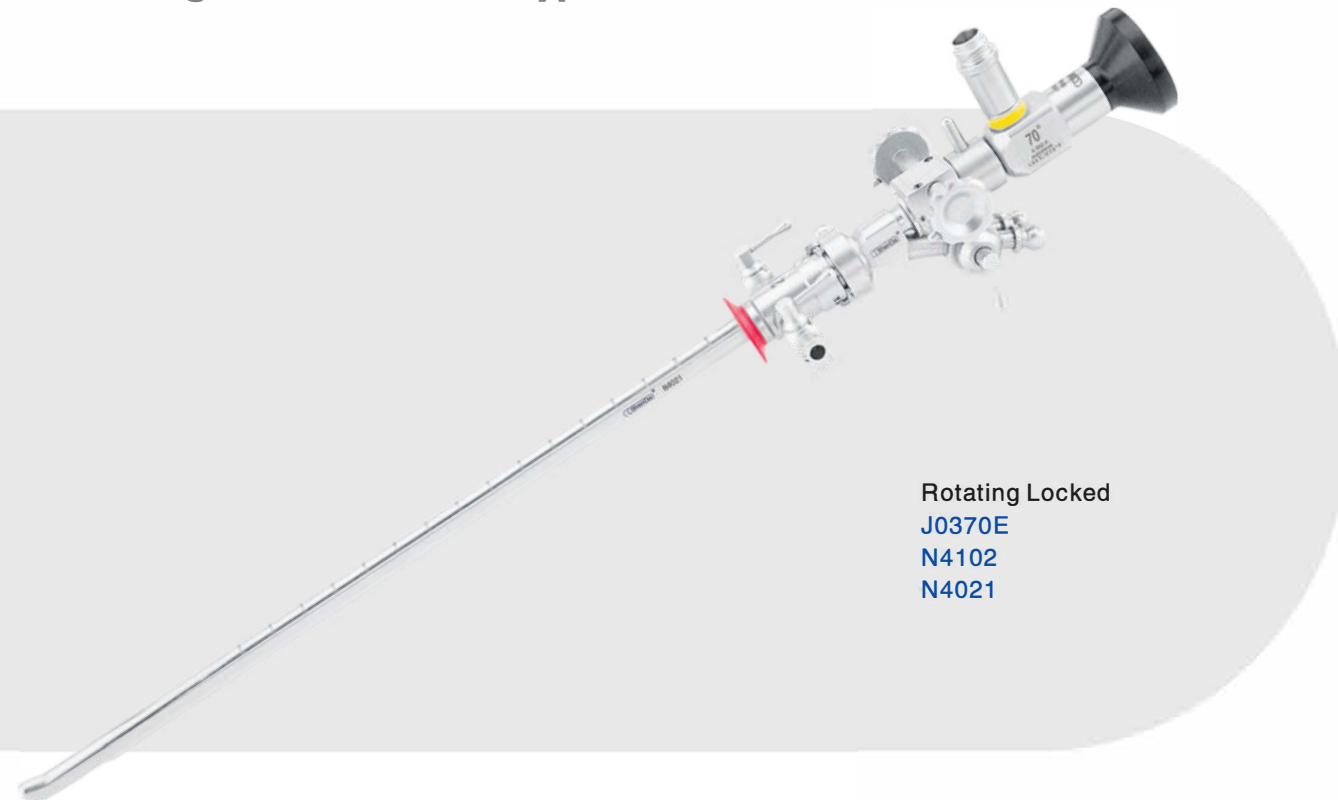
Since 1985

ENDOSCOPES



Cystoscope NP-3

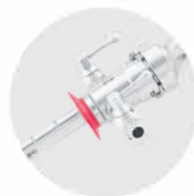
(Rotating Locked/Adult Type)



Rotating Locked
J0370E
N4102
N4021

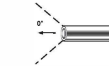
Product features

- 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

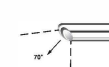
J0300E 0° Endoscope
φ4mm × 302mm



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

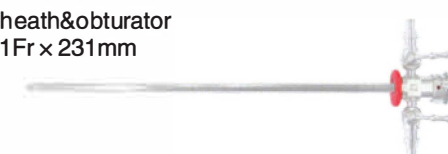


• Sheath&obturator

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



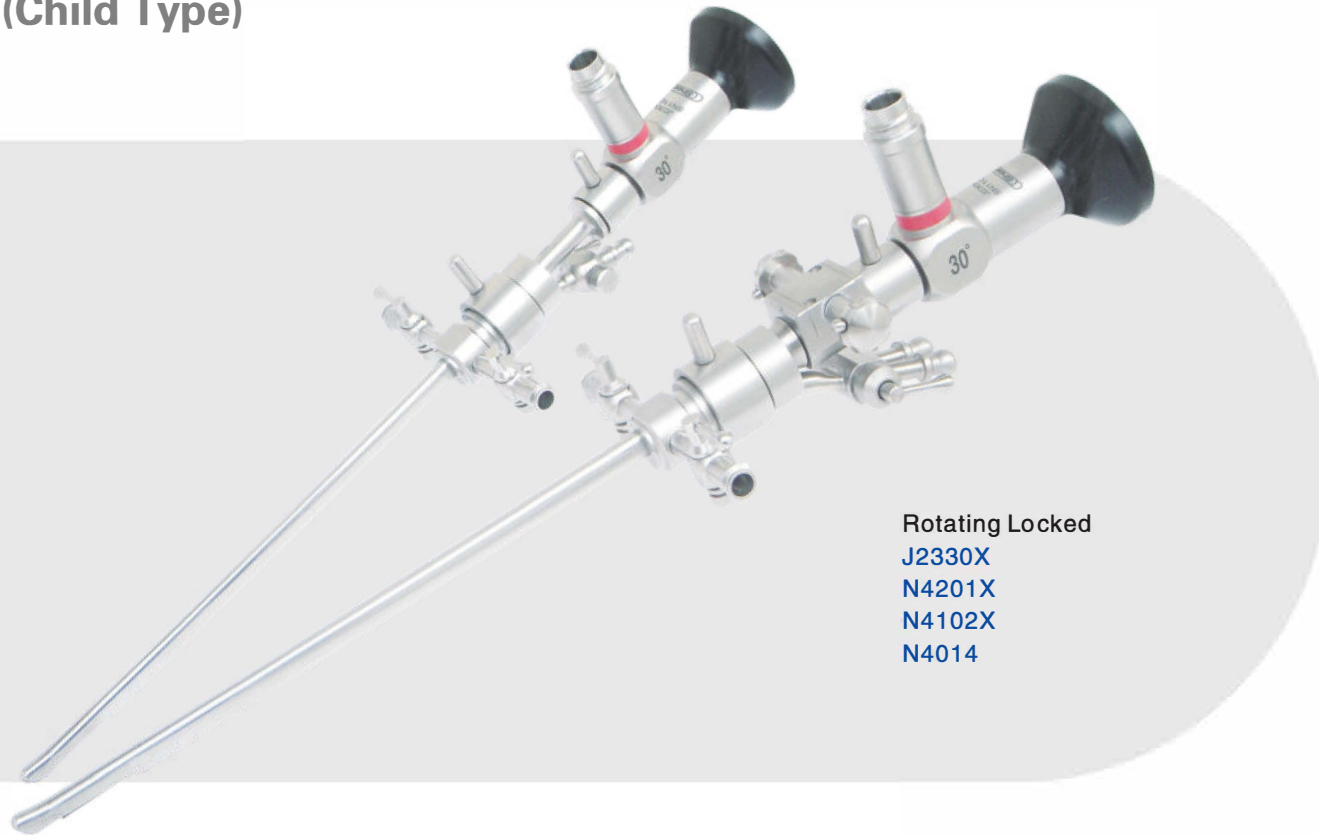
T7303 Sealed cap



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

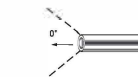
Product features

- 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

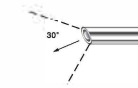


• Endoscope

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

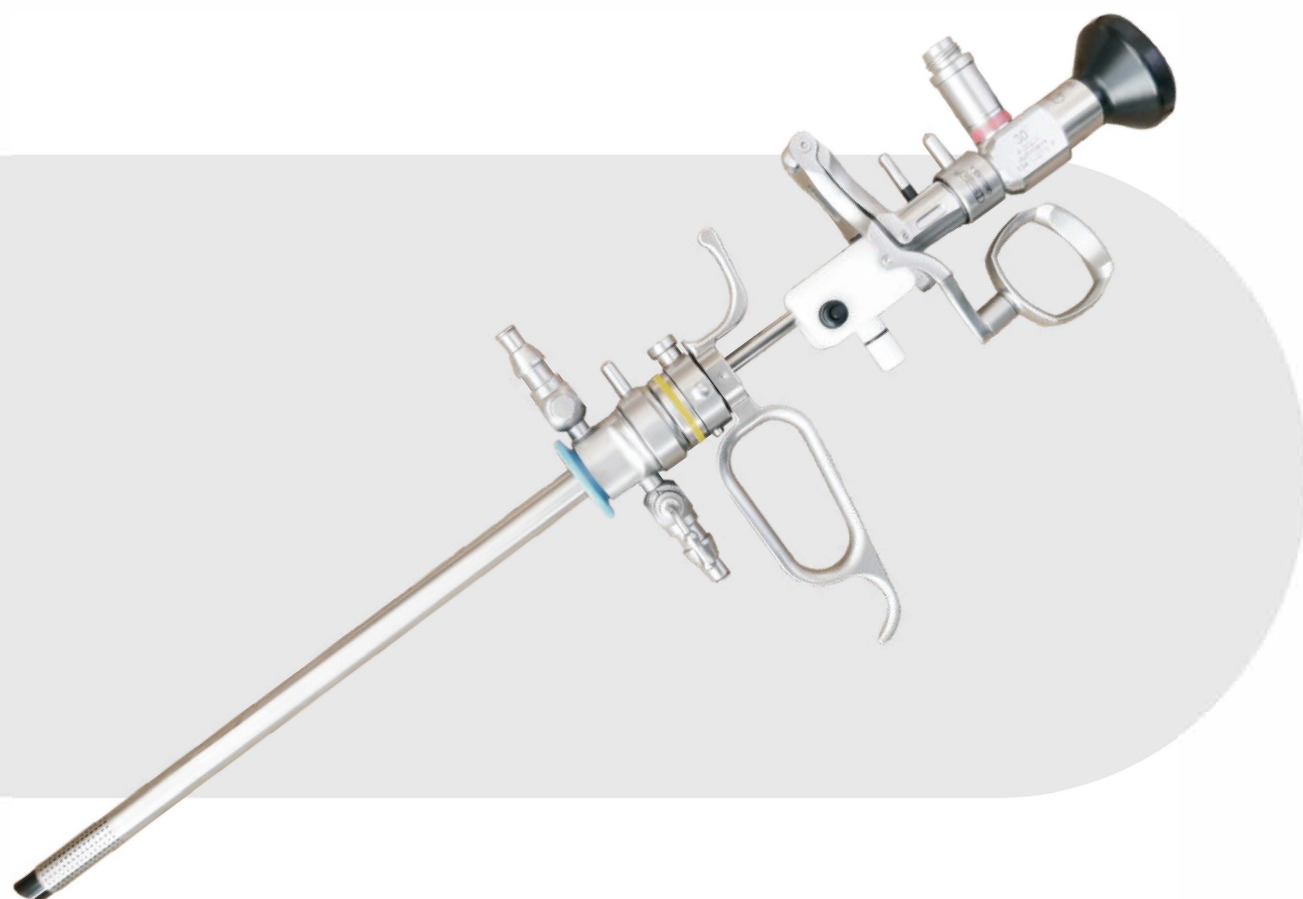


T7303 Sealed cap



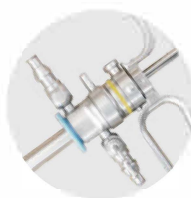
1. Connecting to ESSE 3 fountain
Connecting to WOLF fountain
2. Connecting to STORZ fountain

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

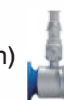
T7201 In-flow valve



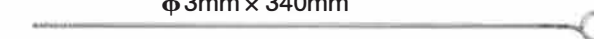
Q4402XS Connector



Q4033XS.A Valve seat (Match with inner sheath)



U8601C Cleaning rod
φ3mm × 340mm



U8303 Suction device(Allik)



U8724 Light cable
φ4mm × 2m
φ4mm × 3m

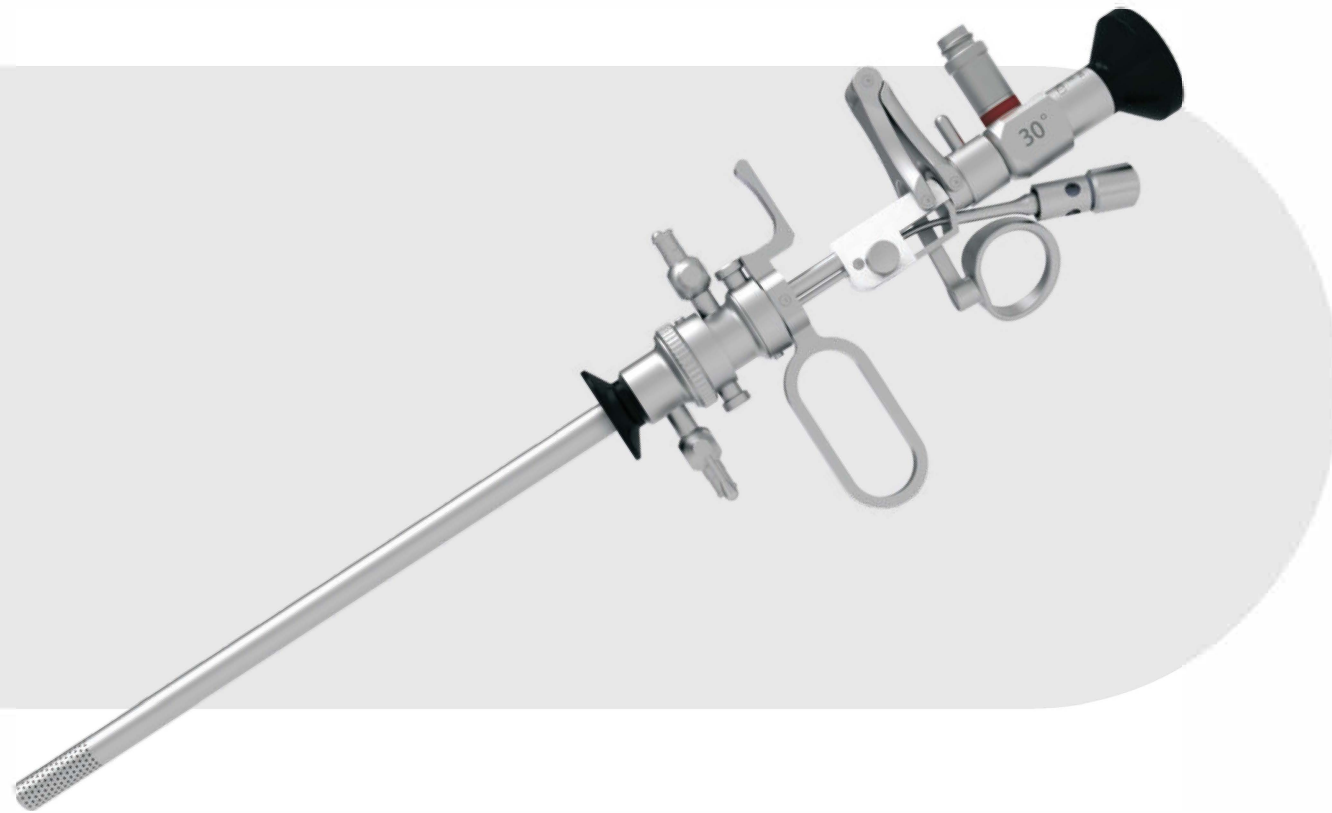


U8307 Suction device(Hoffman-type)



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



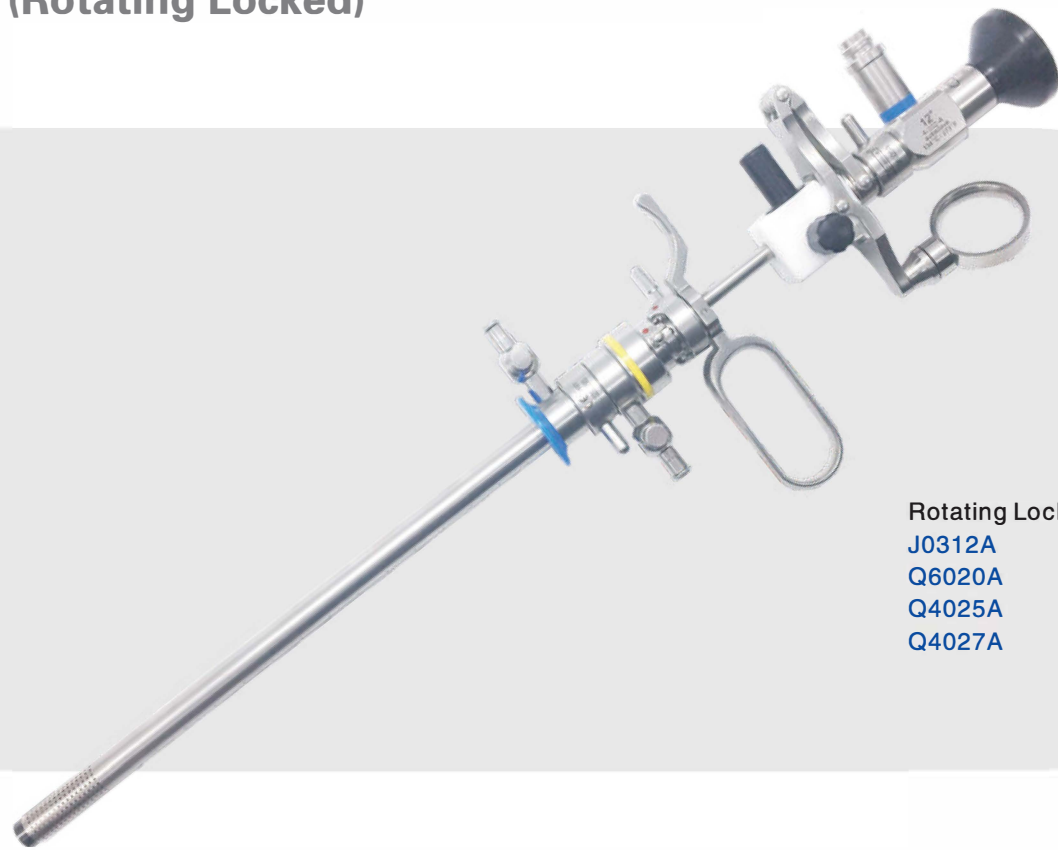
U8307 Suction device (Hoffman-type)
(for choice)



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

Resectoscope QD-2

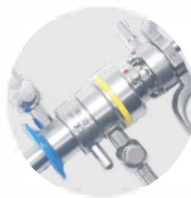
(Rotating Locked)



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



• 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

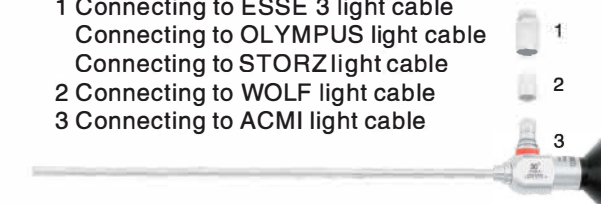


• Endoscope

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



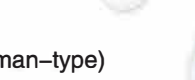
U8724 Light cable
φ4mm × 2m
φ4mm × 3m

1 2

U8303 Suction device(Allik)
(for choice)



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

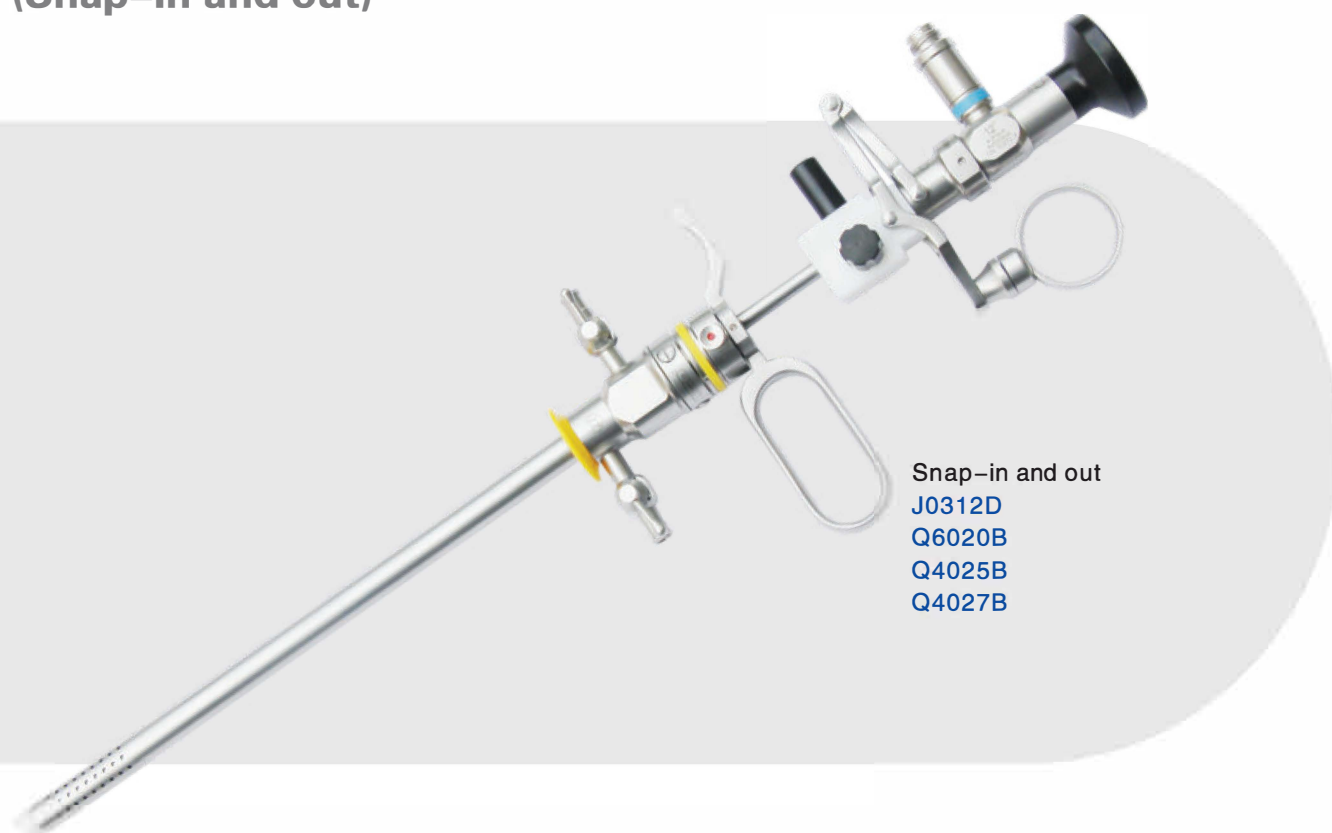


1. Connecting to ESSE 3 fountain
Connecting to WOLF fountain
2. Connecting to STORZ fountain



Resectoscope QD-2

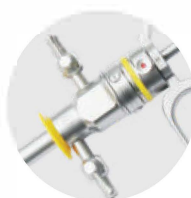
(Snap-in and out)



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



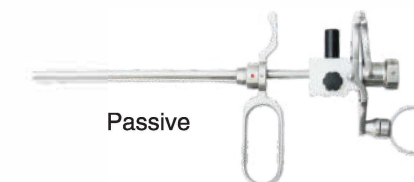
Q4077B Obturator for outer sheath(Active)



• 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



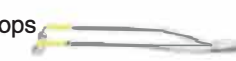
Q6213 Cutting tumour loops
φ4mm × 285mm



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

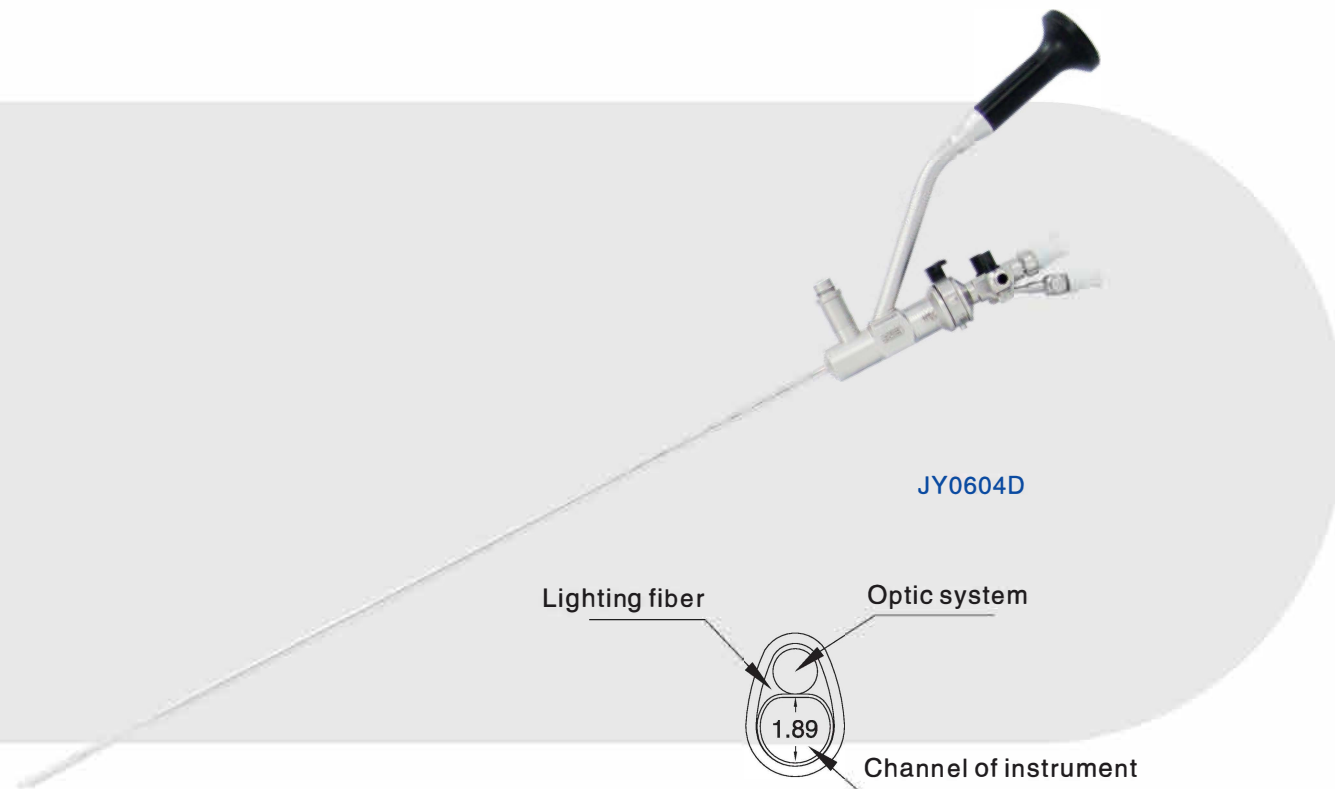


U8724 Light cable
φ4mm × 2m
φ4mm × 3m



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

Ureteroscope SNJ-1



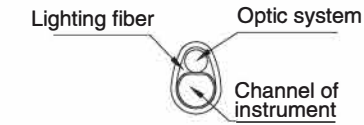
Product features

- 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

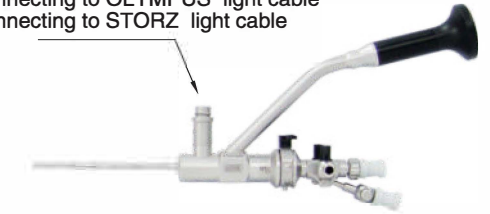


• Endoscope

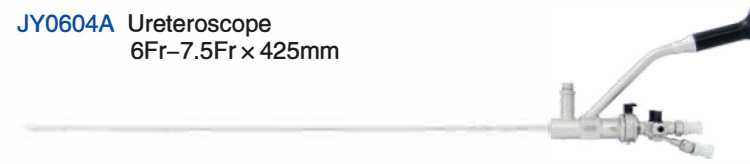
JY0604D Ureteroscope
7.5Fr-10Fr
Working length 425mm
(Matched with 5Fr instrument)



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

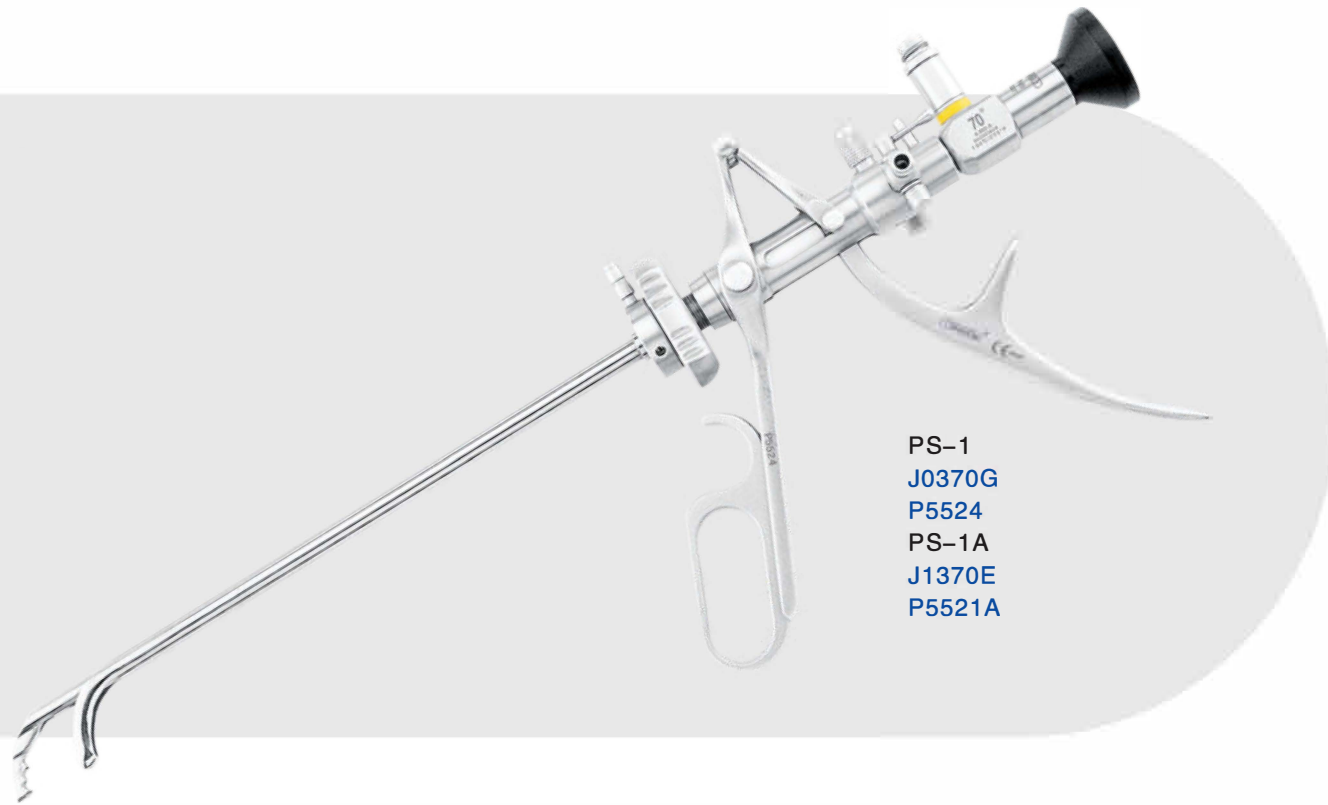


U8724 Light cable
φ4mm x 2m
φ4mm x 3m



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

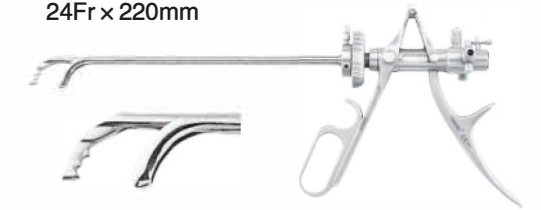


• Lithotriptoscope PS-1

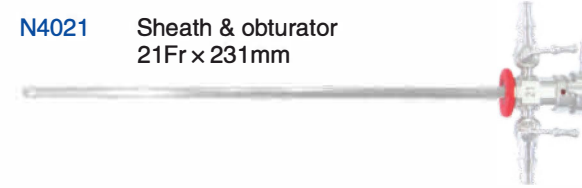
J0370G 70° Endoscope(Angle of field: 90°)
φ4mm × 302mm



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

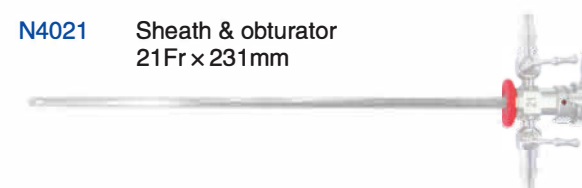
J1370G 70° Endoscope
φ3mm × 302mm



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

Lithotriposcope PS-3,PS-3A



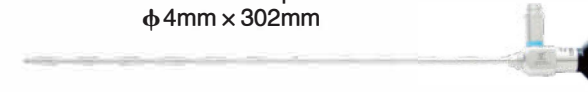
Product features

- 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 lithotriposcope has better insertability, less trauma and convenient, simple operation
- Increasing the contact area of the abnormal straight tube lithotriposcope and the calculi, with sharp lithotriposcope mouth

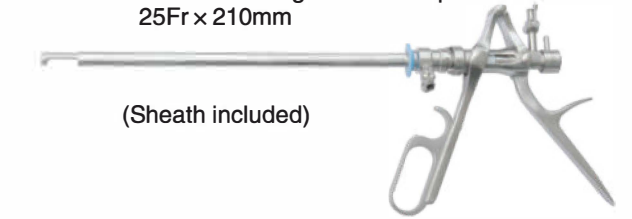


• Lithotriposcope PS-3(Abnormal straight)

J0312A 12° Endoscope
φ4mm × 302mm



P5526A Abnormal straight tube forceps
25Fr × 210mm



P4026A Sheath&obturator
25Fr × 210mm

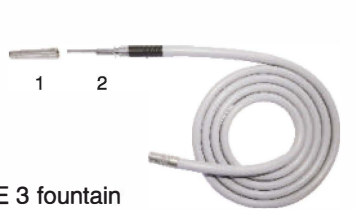


• Light cable,Suction device

T7201D In-flow valve



U8724 Light cable
φ4mm × 2m
φ4mm × 3m



T7211D Out-flow valve



U8303 Suction device(Allik)



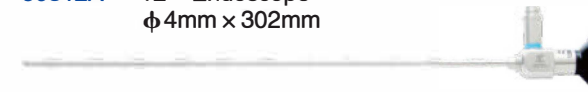
- 1.Connecting to ESSE 3 fountain
Connecting to WOLF fountain
- 2.Connecting to STORZ fountain

U8307 Suction device(Hoffman-type)



• Lithotriposcope 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



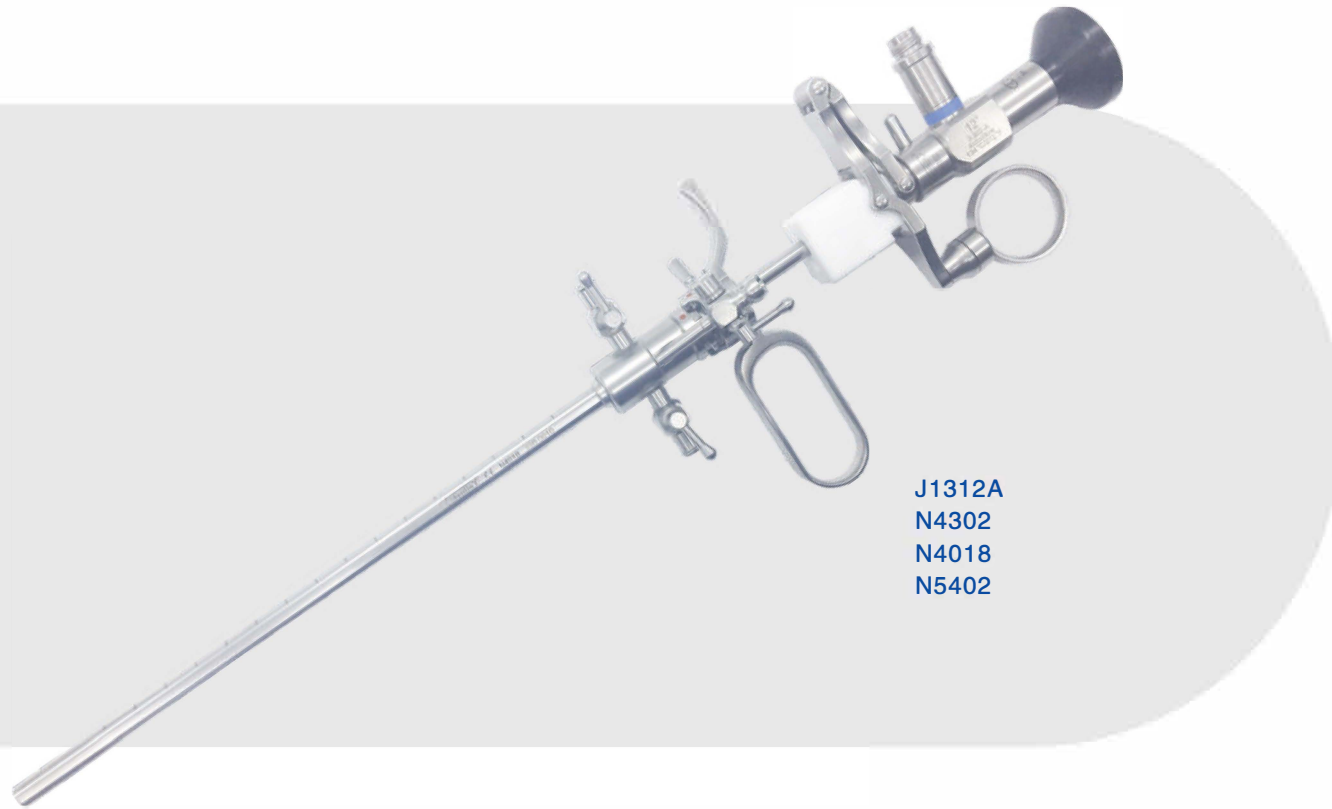
U8307 Suction device(Hoffman-type)



- 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
- 2 Connecting to OLYMPUS light cable
- 3 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



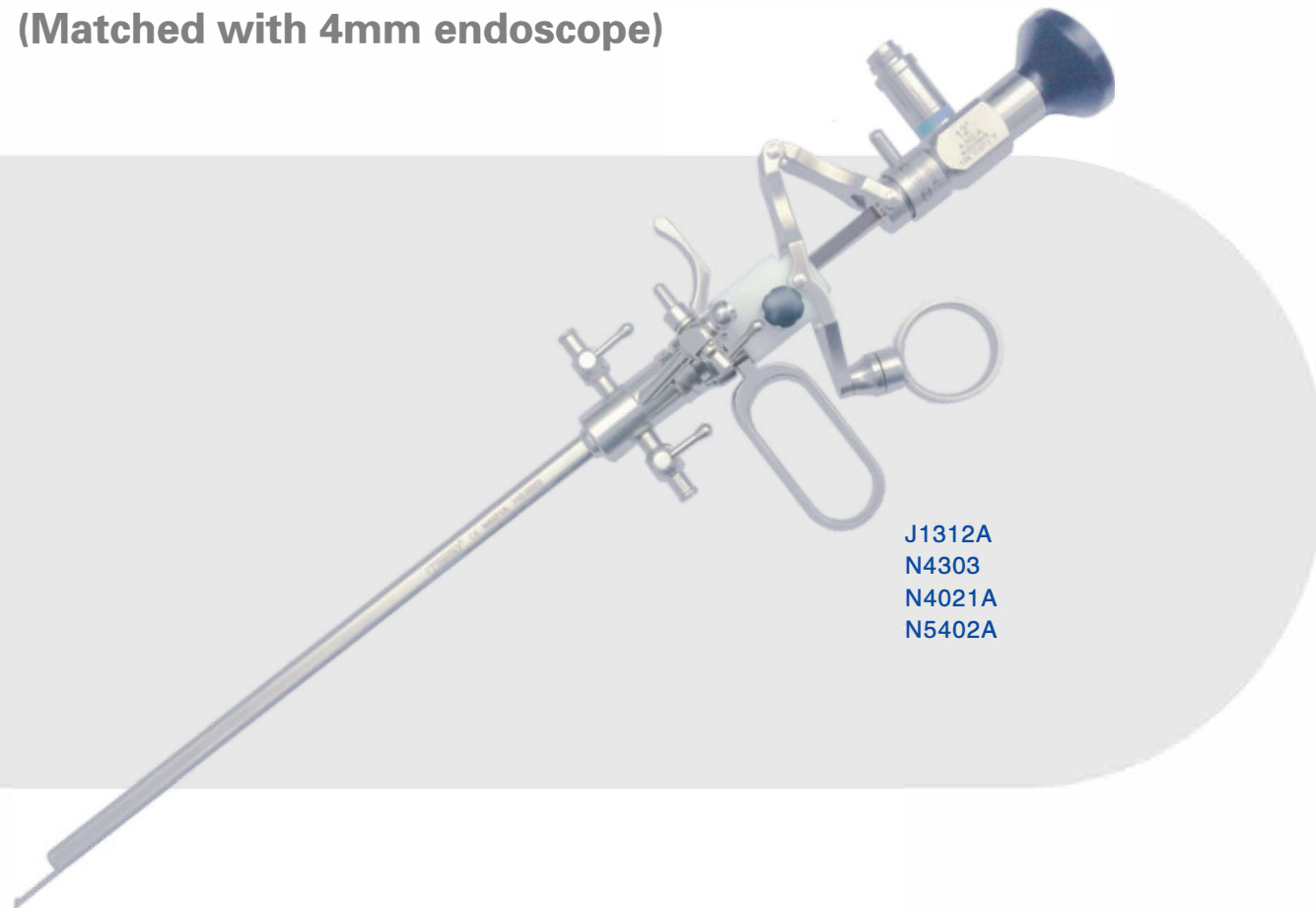
U8724 Light cable
φ4mm × 2m
φ4mm × 3m



1. Connecting to ESSE 3 fountain
2. 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

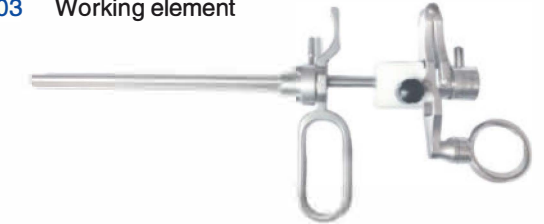


• Working element, Sheath & obturator, Half-round sheath

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

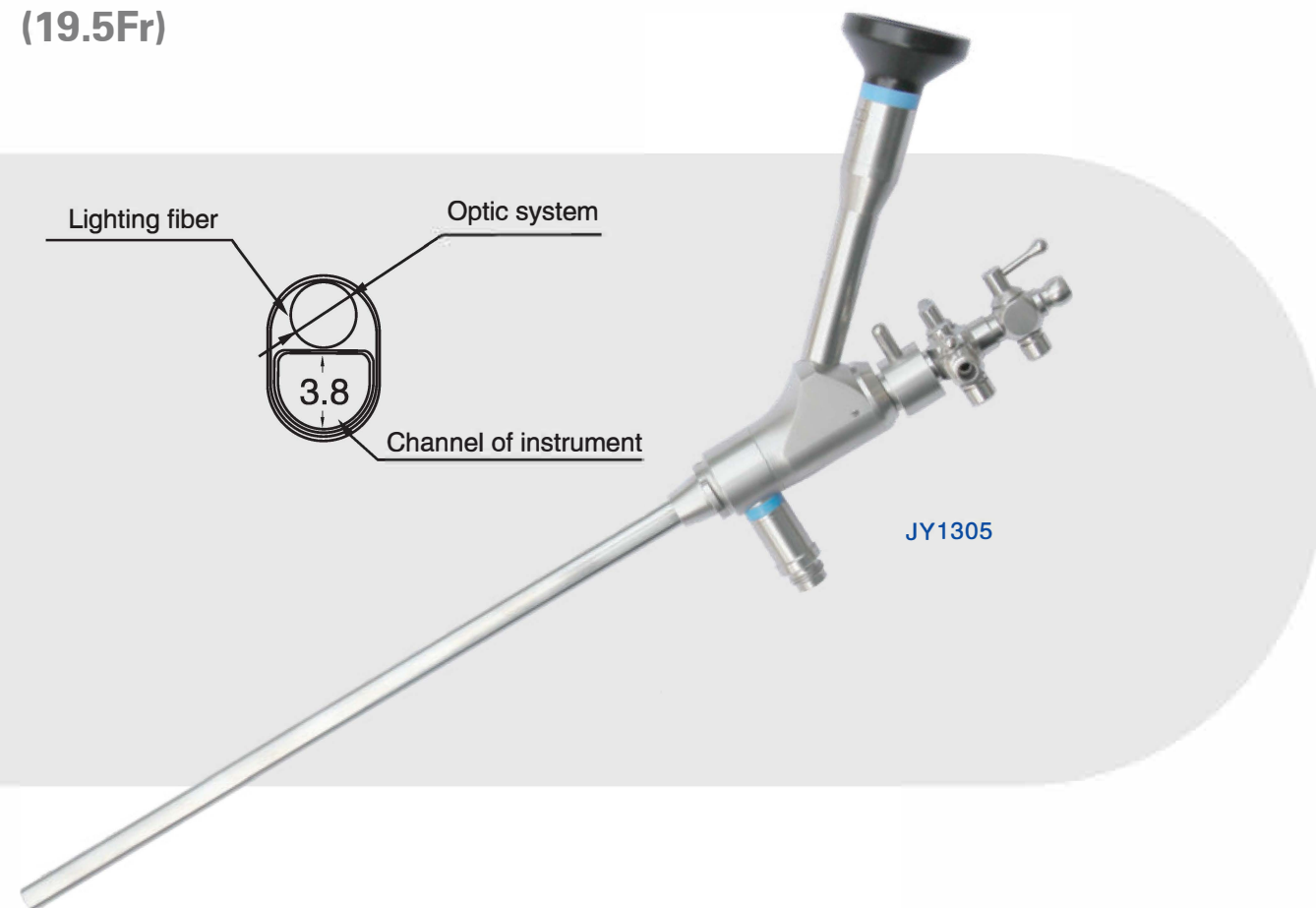
1 2



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

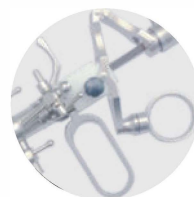
Transcutaneous nephroscope JS-1

(19.5Fr)



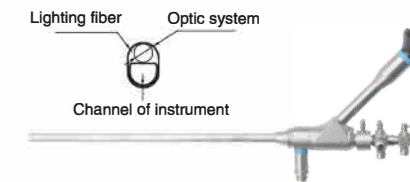
Product features

- 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



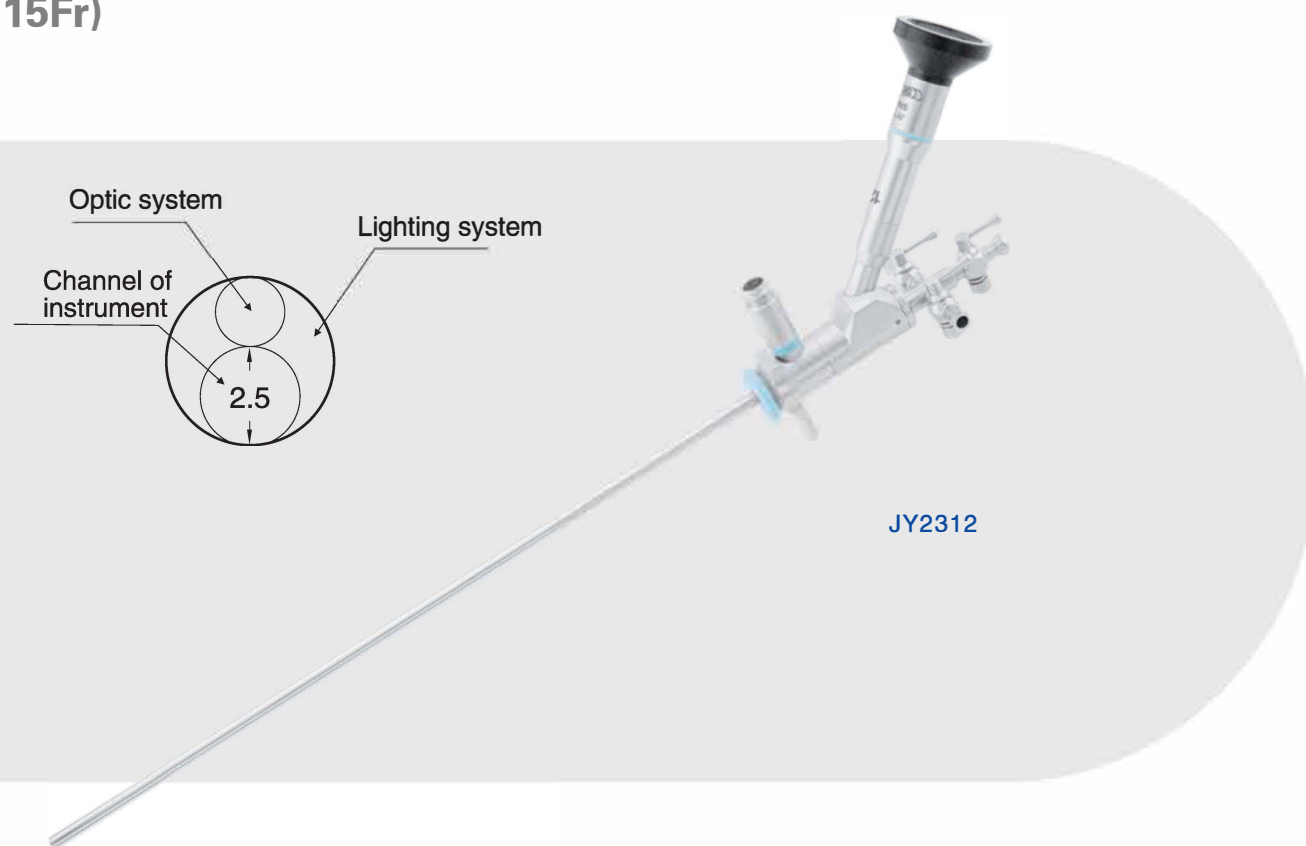
U8724 Light cable
φ4mm × 2m
φ4mm × 3m



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

Transcutaneous nephroscope JS-1

(15Fr)



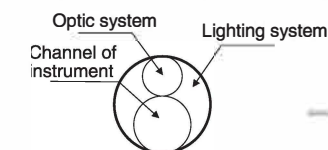
Product features

- 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

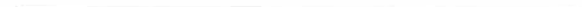


S5611 Dilating cannula
11Fr × 135mm



• 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

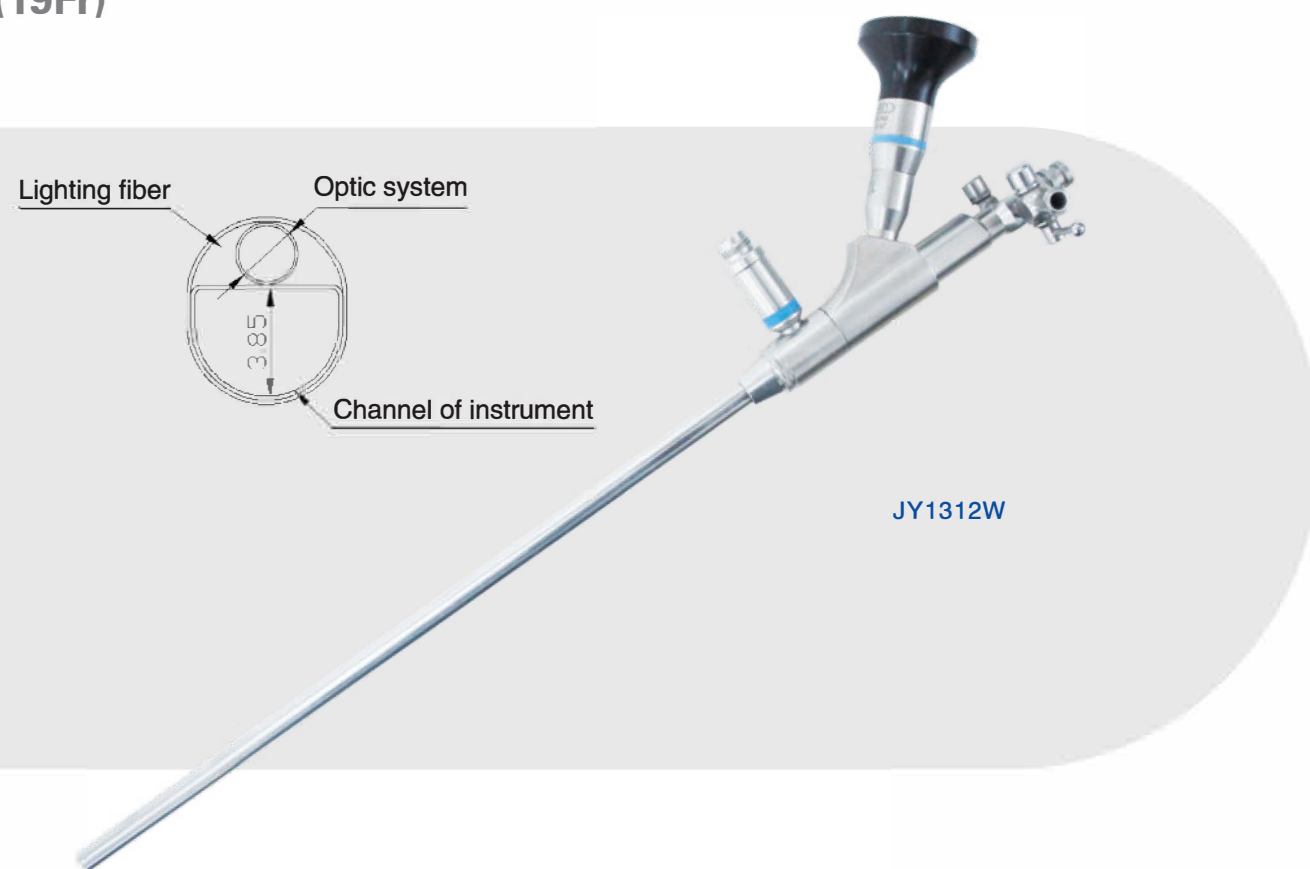


U8724 Light cable
φ4mm × 2m
φ4mm × 3m



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

Transcutaneous nephroscope JS-1 (19Fr)



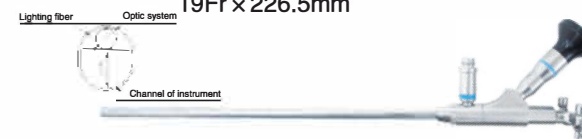
Product features

- 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)



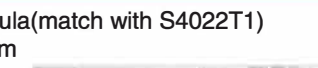
1. Connecting to ESSE 3 fountain
Connecting to WOLF fountain
2. Connecting to STORZ fountain

• Accessories

S4022T1 Outer sheath
22.5Fr × 150mm




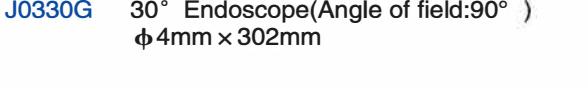
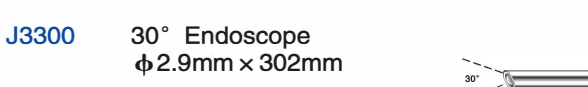


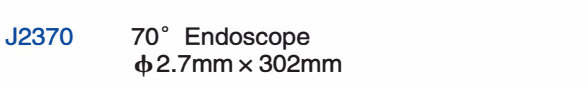
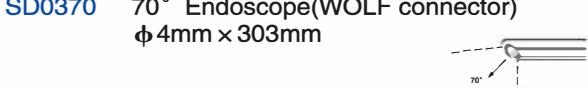
S4422T Groove cannula (match with S4022T1)
22Fr × 140mm



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	SD0330 30° Endoscope(ACMI connector) φ4mm × 301mm	
J0312C 12° Endoscope(Angle of field:55°) φ4mm × 300mm	J0330B 30° Endoscope(Olympus connector) φ4mm × 281mm	J0345E 45° Endoscope φ4mm × 302mm	
J2200T1 0° Endoscope φ2.7mm × 302mm	J0312YG 12° Endoscope(GYRUS connector) φ4mm × 300mm	J0370B 70° Endoscope(Olympus connector) φ4mm × 282mm	
J0312B 12° Endoscope(Olympus connector) φ4mm × 280mm	J0325G 25° Endoscope(GYRUS connector) φ4mm × 301.7mm	J03110C 110° Endoscope(Storz connector) φ4mm × 302mm	
SD0325 25° Endoscope(WOLF connector) φ4mm × 300.5mm	J0325S 25° Endoscope		

• Dilator

	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)	
	8Fr Head of dilator	
	10Fr Head of dilator	
	12Fr Head of dilator	
	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			

• HD Camera System(With Screen)



HD Camera System
ESD-HD668P

- ◆ Type: SD-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 $\leq 180\text{VA}$

• SD-LED Medical cold light source



Medical cold light source
ESD-LED

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

• Automatic high flow CO₂ insufflator



Automatic high flow CO₂ insufflator

- ◆ 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 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 filing 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
ES-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: ± 65 t 5KPa

• 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

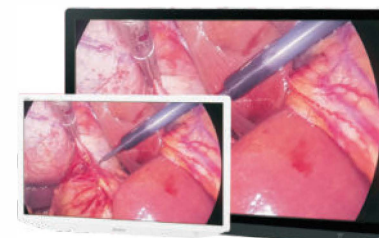
• Medical Endoscope LED cold light source



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