


ENDOSCOPES










CE

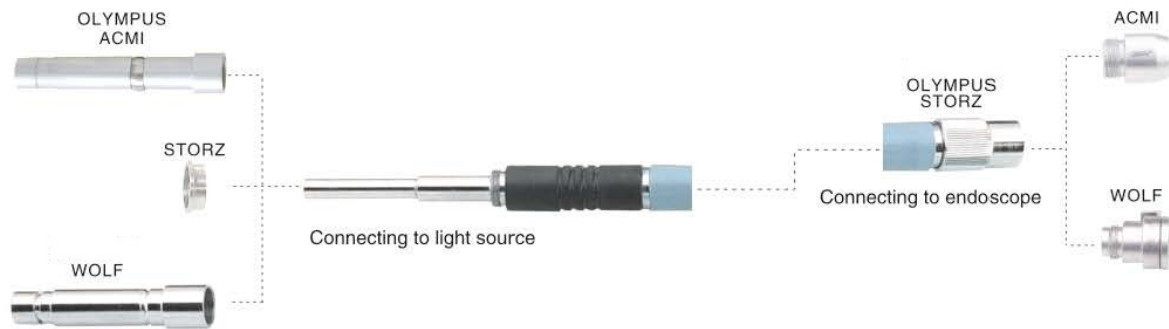
Code of endoscope

	Endoscopes	Autoclavable endoscope
	<p>J□□□□ 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>	<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.

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Digestive endoscope disposable sheath



LAPAROSCOPE DF

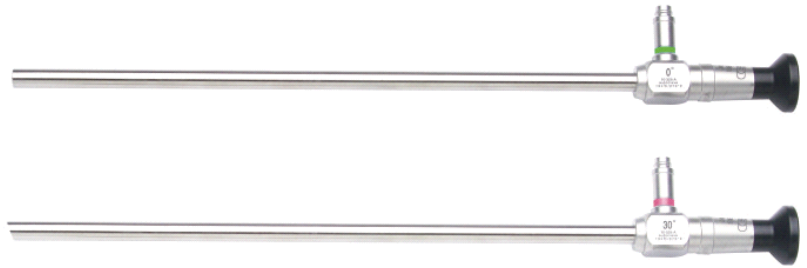
Φ 10mm Endoscope

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

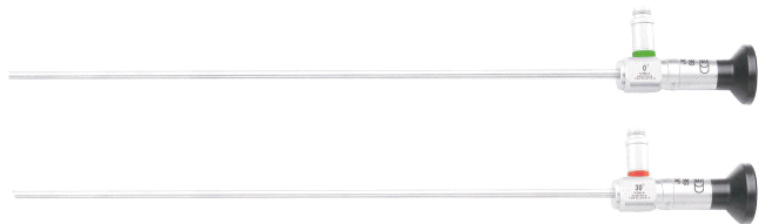
J0830G 30° Endoscope(Angle of field: 90°)
φ 10mm × 325mm



Φ 5mm Endoscope

J1800 0° Endoscope
φ 5mm × 290mm

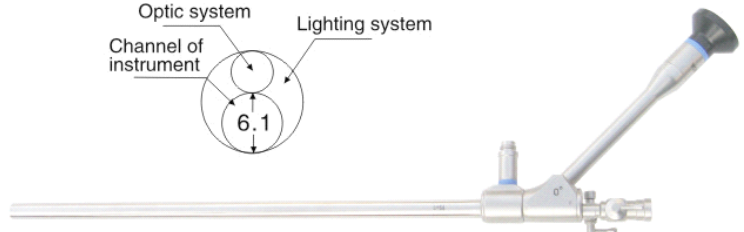
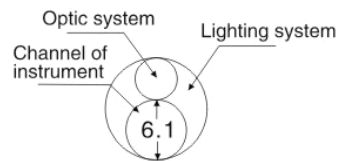
J1830 30° Endoscope
φ 5mm × 290mm



Oblique laparoscope

JY0800 Oblique laparoscope
φ 11mm × 265mm
Used with φ 6mm instrument

JY0800S Oblique laparoscope
φ 10mm × 265mm
Used with φ 6mm instrument



Trocar

D4561D Trocar(magnetic ball)
φ 5.5mm × 100mm

D4521D Trocar(magnetic ball)
φ 10.5mm × 100mm

D4561DB Trocar(magnetic ball/protection)
φ 5.5mm × 100mm

D4521DB Trocar(magnetic ball/protection)
φ 10.5mm × 100mm

D4561DL Trocar(magnetic ball/thread)
φ 5.5mm × 100mm

D4521DL Trocar(magnetic ball/thread)
φ 10.5mm × 100mm



D4561B Trocar(cross-shaped)
φ 5.5mm × 100mm

D4521B Trocar(cross-shaped)
φ 10.5mm × 100mm

D4561BB Trocar(cross-shaped/protection)
φ 5.5mm × 100mm

D4521BB Trocar(cross-shaped/protection)
φ 10.5mm × 100mm





D4561BL Trocar(cross-shaped/thread)
φ 5.5mm × 100mm

D4521BL Trocar(cross-shaped/thread)
φ 10.5mm × 100mm

D4521BZ Trocar(cross-shaped/convertible)
φ 10.5mm × 100mm







Trocar, Veress needle, Reducing cannula

D4561E	Trocar(magnetic sheet) φ 5.5mm × 100mm	
D4521E	Trocar(magnetic sheet) φ 10.5mm × 100mm	
D4561EB	Trocar(magnetic sheet/protection) φ 5.5mm × 100mm	
D4521EB	Trocar (magnetic sheet/protection) φ 10.5mm × 100mm	
D4521EL	Trocar(magnetic sheet/thread) φ 10.5mm × 100mm	
D4521EZ	Trocar(magnetic sheet/convertible) φ 10.5mm × 100mm	
D4701C	Reducing cannula (long/short) φ 10.5mm– φ 5.5mm	
D4611	Veress needle φ 2.2mm × 120mm	

D4561F	Trocar(switch panel) φ 5.5mm × 100mm	
D4521F	Trocar(switch panel) φ 10.5mm × 100mm	
D4561FB	Trocar(switch panel/protection) φ 5.5mm × 100mm	
D4521FB	Trocar(switch panel/protection) φ 10.5mm × 100mm	




D4567 Reducing adapter



D4500-1	Outer rubber cap φ 5.5mm	
D4500-4	Outer rubber cap φ 10mm	
D4500-2	Inner sealed cap φ 5.5mm	
D4500-3	Inner sealed cap φ 10mm	

Clip applier

		
D5006C	Clip applier Middle(Single-action, Double-action) φ 10mm × 330mm	
D5006D	Clip applier (Used with imported biologic clip) φ 10mm × 330mm	

		
D5006E	Clip applier Used with imported plastic clip φ 10mm × 330mm	
D5006F	Clip applier (Medium) φ 10mm × 330mm	

Method of detaching the instrument(Insulated)



Procedure of detachment

- ① Press the button
- ② Open the handle
- ③ Pull out the metal forceps

Insulated instrument

D6000 Handle of insulated instrument
 ϕ 5mm



Forceps (Insulated, ϕ 5)

D6529 Duck-jaw forceps
 ϕ 5mm \times 330mm



D6535 Atraumatic forceps
 ϕ 5mm \times 330mm



D6530 Punch grasping forceps
 ϕ 5mm \times 330mm



D6536 Grasping forceps
 ϕ 5mm \times 330mm



D6531 Grasping forceps
 ϕ 5mm \times 330mm



D6537 Tine forceps
 ϕ 5mm \times 330mm



D6531A Grasping forceps
 ϕ 5mm \times 330mm



D6539 Biopsy forceps
 ϕ 5mm \times 330mm



D6532 Organ-anchoring forceps
 ϕ 5mm \times 330mm



D6540 Biopsy forceps (with needle)
 ϕ 5mm \times 330mm



D6533 Grasping forceps (Rat-teeth) 1+2teeth
 ϕ 5mm \times 330mm



D6541 Biting and cutting forceps
 ϕ 5mm \times 330mm



D6533A Grasping forceps (Rat-teeth) 2+3teeth
 ϕ 5mm \times 330mm



D6546 Medium grasping forceps
 ϕ 5mm \times 330mm



Forceps (Insulated, ϕ 5)

D6534 Grasping forceps
(small teeth)
 ϕ 5mm \times 330mm



D6547 Hollow erect grasping
forceps
 ϕ 5mm \times 330mm



D6520 Atraumatic forceps
 ϕ 5mm \times 330mm



D6548 O-shaped grasping
forceps
 ϕ 5mm \times 330mm



D6520A Atraumatic forceps
(small)
 ϕ 5mm \times 330mm



D6549 V-shaped grasping
forceps
 ϕ 5mm \times 330mm



D6538 Appendix grasping forceps
 ϕ 5mm \times 330mm



D6523 Cholecystic grasping forceps
 ϕ 5mm \times 330mm



D6542 Thram grasping forceps
 ϕ 5mm \times 330mm



D6543 Thram grasping forceps
(empty)
 ϕ 5mm \times 330mm



D6524 Fallopian tube grasping forceps
 ϕ 5mm \times 330mm



D6545 Mucous membrane forceps
 ϕ 5mm \times 330mm



Dissecting forceps

D6501C Dissecting forceps(straight)
 ϕ 5mm \times 330mm



D6503C Dissecting forceps
(curved)
 ϕ 5mm \times 330mm



D6526 Dissecting forceps
(90°)
 ϕ 5mm \times 330mm



D6527 Dissecting forceps
(large)
 ϕ 10mm \times 330mm



D6528 Dissecting forceps
(large, 90°)
 ϕ 10mm \times 330mm



Scissors(Insulated)

D6603 Scissors
(single-action straight)
φ 5mm × 330mm



D6603A Scissors(double-action straight)
φ 5mm × 330mm



D6602A Scissors
(single-action Curved)
φ 5mm × 330mm



D6602 Scissors(double-action curved)
φ 5mm × 330mm



D6601 Hook scissors
φ 5mm × 330mm



D6604 Upwards scissors
φ 5mm × 330mm



D6605 Scissors
(straight, single/double-action)
φ 10mm × 330mm



D6606 Scissors
(straight, single/double-action)
φ 10mm × 330mm



φ 10mm Handle of instrument

D5000 Normal handle
of instrument
φ 10mm



D5000S Handle of instrument
with lock
φ 10mm



Instrument φ 10

D5002A Claw forceps
φ 10mm × 330mm



D5011C Atraumatic forceps
φ 10mm × 330mm
















D5057 Anastomosis tractin
forceps
φ 10mm × 330mm




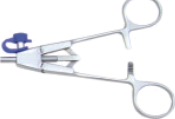





D5011D Atraumatic forceps
φ 10mm × 330mm



Instrument ϕ 10

D5014A	Grasping forceps ϕ 10mm \times 330mm		D5056	Liver grasping forceps ϕ 10mm \times 330mm	
D5014B	Grasping forceps(curved) ϕ 10mm \times 330mm		D5063	Spleen pedicel vein grasping forceps ϕ 10mm \times 330mm	
D5050	Tharm grasping forceps,bent ϕ 10mm \times 330mm		DW5011	Long head grasping forceps ϕ 10mm \times 330mm	
D6544	Tharm grasping forceps,bent ϕ 5mm \times 330mm		DW5012	Lung grasping forceps ϕ 10mm \times 330mm	
D5055	Stomach grasping forceps, round tip ϕ 10mm \times 330mm		DW5013	Large grasping forceps(2-teeth) ϕ 10mm \times 330mm	
D5062	Interdiction vessel forceps(S type) ϕ 10mm \times 330mm		DW5014	Suture grasping forceps ϕ 10mm \times 330mm	
D5054	Stomach grasping forceps ϕ 10mm \times 330mm				

Needle holder

D5032C	Gun type needle holder (straight / alloy) ϕ 5mm \times 330mm				
D5032D	Gun type needle holder (curved / alloy) ϕ 5mm \times 330mm				
Handle(O type) applying to D5033B,D5033C		Handle(V type) applying to D5032B,D5032A, D5033A			
D5033B	Needle holder O type (straight/alloy) ϕ 5mm \times 330mm		D5033A	Towards needle holder (alloy) ϕ 5mm \times 330mm	
D5032A	Needle holder V type (straight/alloy) ϕ 5mm \times 330mm		D5033C	Needle holder O type (curved/alloy) ϕ 5mm \times 330mm	
D5032B	Needle holder V type (curved/alloy) ϕ 5mm \times 330mm				

Double-electrode forceps, Double-electrode wire

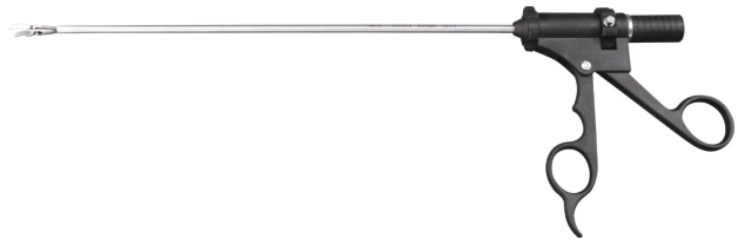
D6513 Double-electrode forceps
(normal handle)
φ 5mm × 330mm



Atraumatic core of double-electrode forceps

Dissecting core of double-electrode forceps

D6521 Double-electrode forceps
φ 5mm × 330mm



D6521A N Core of double-electrode forceps



U8414 Double-electrode wire
3000mm



Coagulation instrument

D6408B Electric pin
φ 5mm × 330mm



D6404B Electric hook
φ 5mm × 330mm



D6403B Coagulator
φ 5mm × 330mm



D6407B Electric knife
φ 5mm × 330mm



D6402B Electric spade
φ 5mm × 330mm



DW6401 Electric ball
φ 5mm × 330mm



Knot forceps

D6525A Knot forceps(Rotating)
 ϕ 5mm \times 330mm



D6525B Knot forceps B type
 ϕ 5mm \times 330mm



Sector forceps

DW5031 Fan retractor (fixed)
 ϕ 10mm \times 330mm



D6550 Sector forceps
 (three leaves)
 ϕ 5mm \times 330mm



D5060 Sector forceps
 (five leaves, bent)
 ϕ 10mm \times 330mm



Suction device

D4405 Suction unit
 (disassembly)
 ϕ 5mm, ϕ 10mm



Cutting knife

D5401A Cutting knife
 ϕ 5mm \times 330mm



D5401B Cutting knife
 ϕ 10mm \times 330mm



Power-driven uterectomy



201.022 Host machine



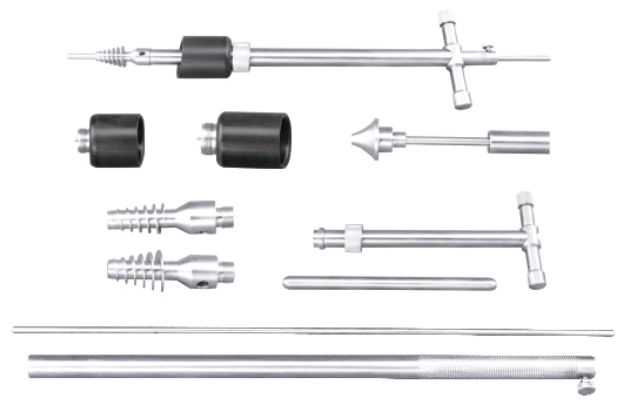
201.023 Electro-motor

- 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 × 500mm
- 201.007 Palpation probe
Φ5mm × 420mm
- 201.008 Trocar cannula
Φ15mm × 95mm
- 201.009 Trocar cannula
Φ18mm × 95mm
- 201.010 Dilator
Φ10mm/Φ15mm
- 201.011 Dilator
Φ10mm/Φ18mm
- 201.012 Guide probe
Φ10mm × 330mm
- 201.015 Knot-pushing stick
Φ5mm × 330mm
- 201.019 Hysteromyoma bodkin
Φ5mm × 420mm
- 201.020 Hysteromyoma bodkin
Φ10mm × 420mm
- 201.016 Grasping forceps
Φ10mm × 420mm
- 201.017 Grasping forceps
Φ5mm × 420mm
- 201.018 Lift uterus apparatus
400mm
- 201.013 Converter
Φ15mm-Φ5mm
- 201.014 Converter
Φ18mm-Φ5mm
- 201.021 Uterine neck forceps
250mm

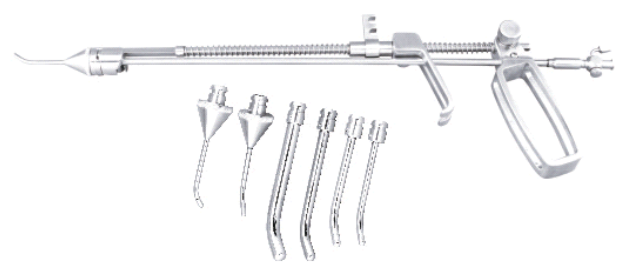


Needle holder

D5051A Special lift uterus apparatus



D5051 Multifunctional uterus apparatus
Working length 260mm



D5041A Lift uterus apparatus
Working length 150mm



Uterine neck forceps

D5042 Uterine neck forceps



DW5030 Cervical forceps (adjustable)



Trocar

D5402 Puncture needle
φ 5mm × 330mm



Single—electric wire

U8413A Single—electrode wire
3m



Knot pusher

D5034A Knot pusher
 ϕ 5mm \times 330mm



Spring grasping forceps

D5017B Spring grasping forceps
 long mouth
 ϕ 5mm \times 330mm



D5017A Spring grasping
 forceps
 ϕ 5mm \times 330mm



Suture forceps

D5048 Abdominal suture
 forceps(zenon)
 ϕ 2mm \times 110mm



D5049 Abdominal suture forceps
 (zenon restoration device)
 ϕ 2mm \times 110mm



D5403 Abdominal suture forceps
 (zenon needle)
 ϕ 2mm \times 110mm



Opening forceps,Cholangiography forceps

D5053 Opening forceps
 ϕ 11mm



D5052 Cholangiography
 forceps
 ϕ 5mm \times 330mm



Coagulation suction unit

DW4402 Electric coagulator
 ϕ 5mm \times 330mm



D6410 Coagulation
 suction unit
 ϕ 5mm



DW4403 Electric spud
 ϕ 5mm \times 330mm



Titanium clip,Light cable

D5801 Titanium clip



U8725 Light cable
 ϕ 5mm \times 2m

U8725C Light cable
 ϕ 5.8mm \times 3m

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



Trocar

DW4501 Trocar with thread
φ 12mm



DW4502 Trocar with thread
φ 10mm



DW4503 Trocar with thread
φ 5mm



DW5002 Stomach grasping forceps
φ 5mm × 330mm



DW5003 Stomach grasping forceps(Curved)
φ 5mm × 330mm



Clip applier

DW5021 Clip applier-Single action(Small)
φ 5mm × 330mm



DW5022 Clip applier(Deep-seated)
φ 10mm × 330mm



DW5023 Clip applier(Middle)
φ 10mm × 330mm



DW5024 Clip applier(Small)
φ 10mm × 330mm



DW5025 Clip applier



DW5004 Stomach grasping forceps(Round tip)
φ 5mm × 330mm



DW5005 Grasping forceps(Double forceps)
φ 5mm × 330mm



DW5006 Grasping forceps(Double forceps)
φ 5mm × 330mm



DW5007 Intestinal grasping forceps
φ 5mm × 330mm



DW5008 Oval forceps(Small)
φ 5mm × 330mm



Forceps(Insulated, φ 5)

DW5016 Dissecting forceps
φ 5mm × 330mm



DW5001 Stomach grasping forceps
φ 5mm × 330mm



DW5009 Oval forceps(Middle)
φ 5mm × 330mm



DW5010 Oval forceps(Large)
φ 5mm × 330mm



High intensity cold light source



U9111 GL 350-5
High intensity cold light source

- ◆ Adopt the xenon lamp as the main light, increase the stability of the facility.
- ◆ Adopt the sphere high pressure short arc xenon lamp as the light, with high brightness, pure light color temperature, good color recovering.
- ◆ Adopt the PWM electrical source to provide electric, which has the characteristics of high power efficiency, good energy-saving effect, stable output electric, and these prolong the life of light source.
- ◆ The brightness is adjustable, the round rotation switch in the front panel can control the strength of the output light, simple and convenient to use.

- ◆ Illumination > 2000000LX
- ◆ Power consumption < 500W
- ◆ Colour temperature: 5500K

High intensity cold light source



U9102 GL-22
High intensity cold light source

- ◆ Adopt the Germany technical xenon lamp as the light, which has the characteristics of stable color temperature, high brightness and low temperature.
- ◆ Adopt the PWM electrical source to provide electric, which has the characteristics of high power efficiency, good energy saving effect, stable output electric, and this prolongs the life of light source.
- ◆ The light source is small and easy for us to carry. It has the door to change the xenon lamp specially, and this makes the maintenance more convenient.
- ◆ The control of the light source is easy and reliable. It uses the knob to control, and it can adjust continuously.
- ◆ Illumination: 2000000LX Color temperature: 5500K ◆ Weight: 4.5kg

High intensity cold light source



U9112 GL 350-5A
High intensity cold light source

- ◆ Adopt 350W xenon lamp + 250W halogen lamp, guarantee the inspection and operation going successfully.
- ◆ Adopt the high pressure short arc xenon lamp as the light, with high brightness, pure light color temperature, good color recovering.
- ◆ The brightness is adjustable, the transform of two lamps and strength of the output light can be controlled by the switch in front panel, simple and convenient to use.
- ◆ Adopt the PWM electrical source to provide electric, which has the characteristics of high power efficiency, good energy-saving effect, stable output electric, and these prolong the life of light source.
- ◆ Colour temperature: Main lamp: 5500k, Spare lamp: 3200k
- ◆ Illumination: Main lamp > 2000000LX, Spare lamp ≥ 1800000LX

Medical cold light source



U9125 YG-250
Medical cold Light source

- ◆ The light source adopts double-lamp, double output structure. The spare light can be used when the main light does not work, guarantee the inspection and operation going successfully.
- ◆ Adopt the double-halogen lamps as the light, which has the characteristics of high power efficiency, good energy-saving effect, stable output electric, and these prolong the life of light source.
- ◆ Adopt the PWM electrical source to provide electric, which has the characteristics of power efficiency, good energy saving effect, stable output electric, and this prolongs the life of light source.
- ◆ The brightness is adjustable, the transform of two lamps and strength of the output light can be controlled by the switch in front panel, simple and convenient to use.
- ◆ Illumination ≥ 1800000LX ◆ Colour temperature: 3200K

Uteri auto inflate and pressure



U9522 DG-1
Uteri auto inflate and pressure

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

- ◆ Power 220V ± 22V 50Hz ± 1Hz
- ◆ Power rating 30W
- ◆ Pressure range 1Kpa~30Kpa
- ◆ Adjusting step length 1Kpa
- ◆ Setting pressure 1~30Kpa
- ◆ Alarm pressure 30Kpa

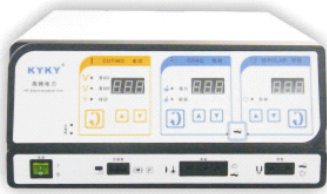
HF Electrotome



U9330 T400D Digital HF Electrotome
U9331 T400C Digital HF Electrotome

- ◆ Working frequency: 470KHz
- ◆ Power Output:
pure electrotomy: 0-350W rated load: 500 Ω
compound electrotomy1: 0-250W rated load: 500 Ω
compound electrotomy2: 0-250W rated load: 500 Ω
monopolar coagulation: 0-120W rated load: 500 Ω
- ◆ Power Supply: AC220V, 50Hz

HF Electrotome



U9331 T400C Intelligent HF Electrotome

- ◆ Monopolar
- ◆ Working frequency:470KHz
- ◆ Rated load:500Ω
- ◆ Power Output: pure electrotomy: 0–350W
- ◆ Compound electrotomy1: 0–250W
- ◆ Compound electrotomy2: 0–250W
- ◆ Powerful coagulation:0–120W
- ◆ Soft coagulation:0–100W
- ◆ Power Supply : AC220V, 50Hz

- ◆ Bipolar
- ◆ Working frequency:410KHz
- ◆ Rated load:75Ω
- ◆ Power Output: bipolar coagulation:0–100W
- ◆ Automatic bipolar coagulation:0–50W

Automatic high flow CO₂ insufflator



U9401 QG- I /QG- II
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.

	QG- I	QG- II
Inlet pressure:	0.28 ~ 0.6MPa	0.28 ~ 0.6MPa
Actual abdominal pressure:	0 ~ 30mmHg	0 ~ 30mmHg
Setted abdominal pressure:	5 ~ 25mmHg	5 ~ 25mmHg
Actual flow:	0 ~ 20L/min	0 ~ 30L/min
Set flow:	0 ~ 20L/min	0 ~ 30L/min

Peritoneum cleaner QXQ -1000



U9421
Peritoneum cleaner QXQ -1000

Peritoneum Cleaner QXQ 1000 is used for irrigations and suction of organs in cavity under the laparoscopic surgery in order to make thd 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 and shows the value on the screen.
- ◆ 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: 40Kpa~70KPa Suction pressure: 30Kpa~65KPa.

Perfusion pump for endoscope



U9523 QB-1
Perfusion pump for endoscope

- ◆ 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 filling pump QB-1 has the ability of memory.When you open the equipment,it can show the power and flow stated last time.

Incorporated camera system



U9225 High definition camera(HD-180)

PRODUCT FEATURE

- ◆ 1 chip CMOS image sensor achieves digital high definition image
- ◆ 16:9 wide clear picture,excellent display the image
- ◆ With DVI,HD-SDI and various signal outputs interface,compatible with different high-definition monitors
- ◆ Four professional mode settings,meet the needs of different endoscopes
- ◆ Small and light camera head meets the ergonomics design;waterproof grade reaches IPX8

PRODUCT PARAMETER

- | | |
|-----------------------------------------|----------------------------------------|
| ◆ Camera head : 1/3" CMOS | ◆ Resolution Rate : 1920(H) × 1080(V) |
| ◆ Outputs : HD-SDI,DVI,Y/C | ◆ Response rate : 2000L × F7(Standard) |
| ◆ SNR : ≥ 50dB | ◆ White balance : automatic/manual |
| ◆ Automatic gain control : 0~18db | ◆ Automatic shutter : 1/50~1/4000 |
| ◆ Digital zoom : 1~4 times digital zoom | ◆ Weight : camera head :60g |
| ◆ Main body : 1.2kg | |

Colour mini camera (1CCD)



U9226 Colour mini camera
(F-168D/Luxury type)

PRODUCT PARAMETER

- | | |
|-----------------------------------------------------------|-----------------------------------------------|
| ◆ Major size: 320 × 80 × 350(mm) | ◆ SNR:60 dB |
| ◆ Camera size:Φ32 × 60(mm) | ◆ Shutter:1/60s-1/10,000s |
| ◆ Resolution: PAL | ◆ Signal gain: automatic |
| ◆ Scanning standard: 600 lines | ◆ White balance: automatic/manual |
| ◆ Minimal illumination:0.6 LUX(F1.2) | ◆ Outputs: BNC/ Y/C / RGB /DVI/ USB(optional) |
| ◆ Camera head: 1/3" SONY 1 chip waterproofing camera head | |
| ◆ Extended function:SD Dynamic/Static storage | |

PRODUCT FEATURE

- ◆ Offer different clinical department. Thoracoscopic,Fiber-optic, Cystoscopy,Hysteroscopy, Laparoscopic and ENT etc.
- ◆ Customizing the mode for users. Fulfills the personality needs.
- ◆ Support different languages, Chinese and English.
- ◆ To optimize and process the Moore fringes for the fiber-optic.
- ◆ High image definition, adjust three grades.
- ◆ Image can freeze and save, support SD card dynamic storage.
- ◆ Picture-in-Picture,Four picture display.
- ◆ Completely waterproof camera head, conform to CE highest standard IPX8.
- ◆ Camera head has two edit buttons, can control white balance,image freeze and storage.
- ◆ Different camera head,meet different needs.
- ◆ Specilized software control,when bleeding,the image doesn't become dark.

Colour mini camera (1CCD)



U9224 Colour mini camera
(F068D/Universality type)

PRODUCT PARAMETER

- | | |
|----------------------------------|-----------------------------------|
| ◆ Major size: 320 × 80 × 350(mm) | ◆ Outputs: BNC |
| ◆ Camera size: Φ30 × 78(mm) | ◆ SNR: 60dB |
| ◆ Camera head: 1/3" 1 chip | ◆ Shutter: automatic |
| ◆ Resolution: PAL | ◆ White balance: automatic/manual |
| ◆ Scanning standard: 480 lines | |

PRODUCT FEATURE

- ◆ Completely medical degree design, soaked in liquid to sterilize.
- ◆ Support hand-actuated, automatic white balance
- ◆ Excellent optics adaptor,breathable, water leakage, remove mist,rotate
- ◆ Adjusting window size to adapt to different thickness of the endoscope.
- ◆ Cheap, cost-effective
- ◆ Cater to the sophisticated needs
- ◆ Brightness adgment

Endoscope image system (NYX)



PRODUCT FEATURE

- ◆ Offer different clinical department. Thoracoscopic, Fiber-optic, Cystoscopy, Hysteroscopy, Laparoscopic and ENT etc.
- ◆ Customizing the mode for users. Fulfills the personality needs.
- ◆ Support different languages, Chinese and English.
- ◆ To optimize and process the Moore fringes for the fiber-optic.
- ◆ High image definition, adjust three grades.
- ◆ Image can freeze and save, support SD card dynamic storage.
- ◆ Picture-in-Picture, Four picture display.
- ◆ Completely waterproof camera head, conform to CE highest standard IPX8.
- ◆ Camera head has two edit buttons, can control white balance, image freeze and storage.
- ◆ Different camera head, meet different needs.
- ◆ Specilized software control, when bleeding, the image doesn't become dark.

PRODUCT PARAMETER

- ◆ Major size: 320 × 80 × 350(mm)
- ◆ Camera size: Φ32 × 60(mm)
- ◆ Resolution: PAL
- ◆ Scanning standard: 600 lines
- ◆ Minimal illumination: 0.6 LUX(F1.2)
- ◆ Camera head: 1/3" SONY 1 chip waterproofing camera head
- ◆ Extended function: SD Dynamic/Static storage
- ◆ SNR: 60 dB
- ◆ Shutter: 1/60s–1/10,000s
- ◆ Signal gain: automatic
- ◆ White balance: automatic/manual
- ◆ Outputs: BNC/ Y/C / RGB / DVI/ USB(optional)
- ◆ U9226 Colour mini camera (F168D/Luxury type)
- ◆ U9712 Colour monitor
- ◆ U9111 High intensity cold light source
- ◆ U9401 Automatic high flow CO₂ insufflator
- ◆ U9523 Perfusion pump for endoscope
- ◆ U9820 Alloy car (with desk drawer)

Colour mini camera (3CCD)



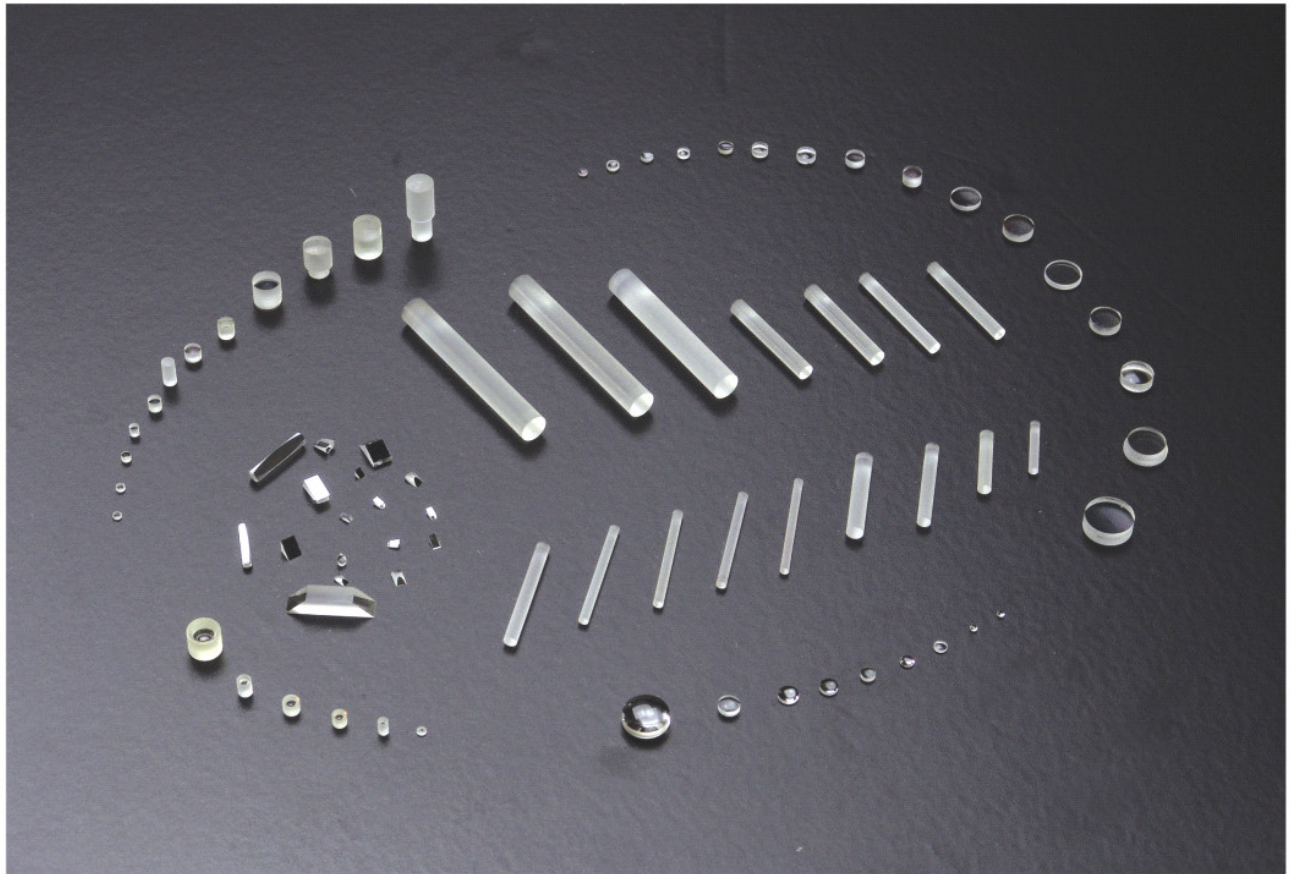
U9227 Colour mini camera (F-368D)

PRODUCT FEATURE

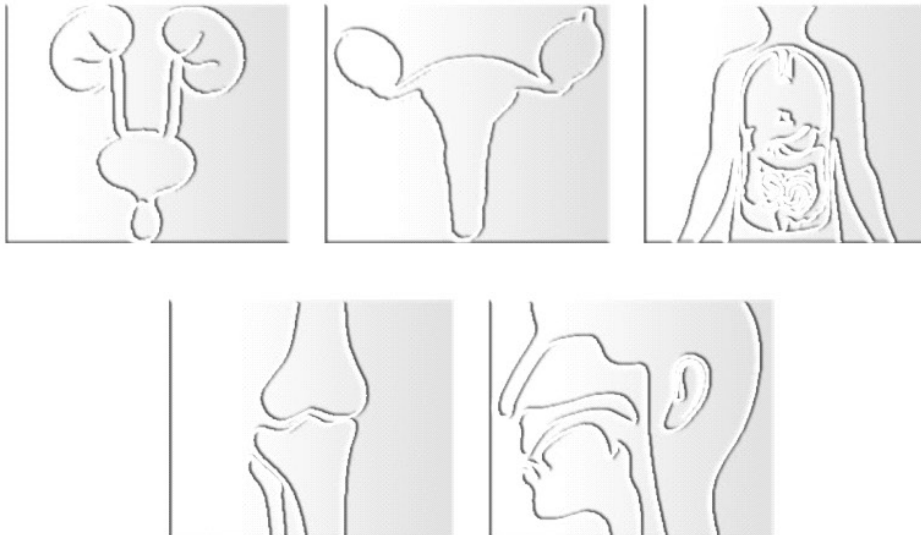
- ◆ Completely medical degree design, soaked to sterilize, waterproof grade reaches IPX8
- ◆ Automatic exposure control, automatic identification of light intensity, automatic adjustment of the image brightness
- ◆ Double white balance function, automatic memory of white balance Image brightness can be adjustable in four grade, programmable button on the handle of camera head, convenient for doctor to adjust at any time
- ◆ Optimization function for fiber endoscope, removes Morie fringe when connected with endoscope, makes more clear image
- ◆ Outputs signal outputs :RGB / DVI × 1BNC / S-video
- ◆ Sharpness can be adjustable in three grade, to choose the best suitable image
- ◆ Windows can be adjustable in three grade, suitable for different endoscopes
- ◆ With function of choosing light source, suitable for LED, xenon lamp and different kinds of cold light source

PRODUCT PARAMETER

- ◆ Camera head : 3 × 1/3" 1 chip waterproof camera head
- ◆ Scanning standard : 800 lins
- ◆ Minimal illumination : 3LUS
- ◆ SNR : 60dB
- ◆ Signal gain: automatic
- ◆ Resolution Rate : 1280 × 1024
- ◆ Outputs : DVI / RGB
- ◆ Shutter : automatic



Our company undertake processing various optical lens and maintenance of imported brand endoscope.



Welcome you to cooperate with Shenda, please contact us at any time!