



• Code of endoscope

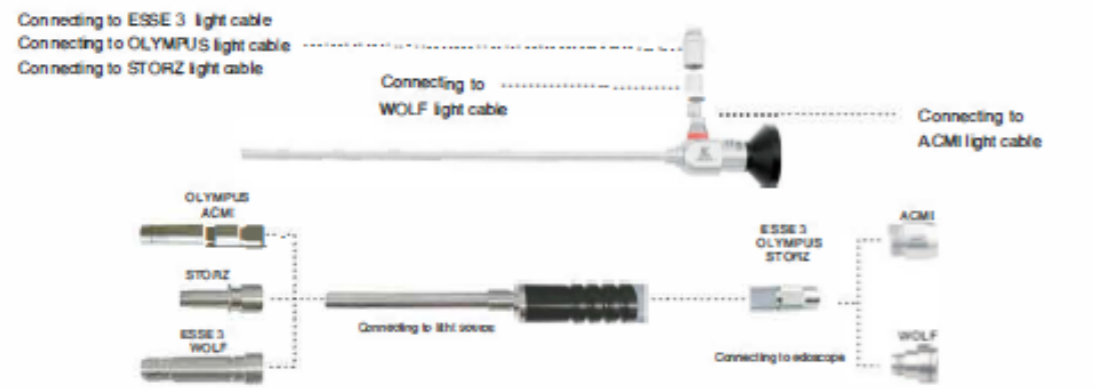


	Endoscopes	Autoclavable endoscope
	<div style="display: flex; align-items: center;"> <div style="margin-right: 5px;">□□□□□</div> <div> <p>G or CG</p> <p>G: wide angle, CG: wider angle</p> <p>Code(English letter)</p> <p>Angle of view direction (Arabic numerals)</p> <p>Kinds of endoscopes(Arabic numerals)</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°
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• How to connect the light cable



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



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LAPAROSCOPY



Since 1985

ENDOSCOPES



Laparoscope DF



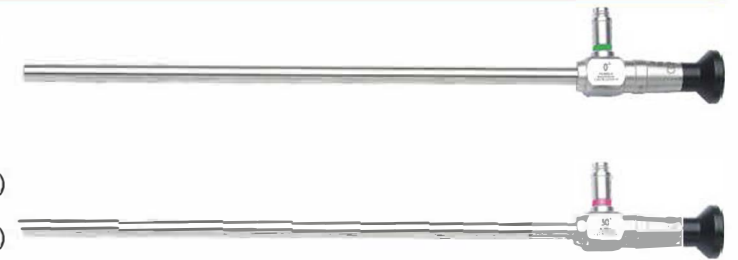
Product features

- 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 |



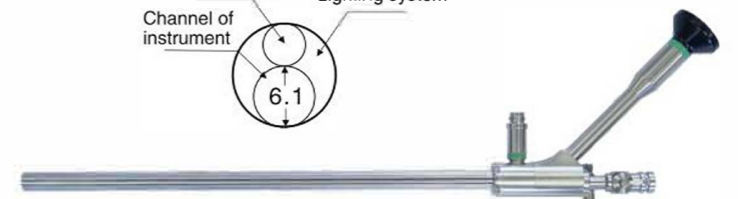
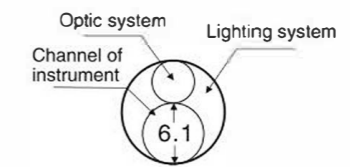
• 4K HD laparoscope

- | | |
|---------|---|
| 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 |










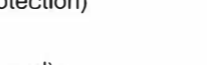




















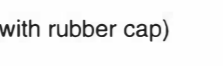





- | | |
|-------|-----------------|
| D4610 | φ 2.2mm × 100mm |
| D4612 | φ 2.2mm × 120mm |
| D4615 | φ 2.2mm × 150mm |











- | | |
|---------|-----------------------------|
| 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(Medium)(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, Φ 5mm)

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






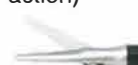


• Forceps(Φ 10mm)

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

• Forceps(Φ 10mm)

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

• Scissors(Insulated)

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

• Spring grasping forceps

D5017A	Spring grasping forceps Φ 5mm \times 330mm		
D5017B	Spring grasping forceps long mouth Φ 5mm \times 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)
φ 5mm × 330mm



D6525B Knot forceps B type
φ 5mm × 330mm



• Sector forceps



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



D6550 Sector forceps
(three leaves)
φ 5mm × 330mm

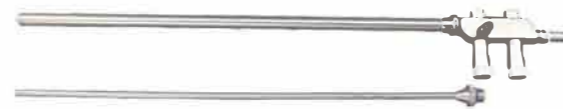


• Suction device

D4405 Suction unit(disassembly)
φ 5mm、 φ 10mm × 330mm



DW4405 Suction unit (spring type)
φ 5mm、 φ 10mm × 330mm



DW4404 Suction unit(gun type)
φ 5mm、 φ 10mm × 330mm



• Cutting knife

D5401A Cutting knife
φ 5mm × 330mm



D5401B Cutting knife
φ 10mm × 330mm



• Power-driven uterectomy

201.001 Hysterectomy apparatus
φ 10mm × 320mm

201.002 Hysterectomy apparatus
φ 15mm × 320mm

201.003 Hysterectomy apparatus
φ 18mm × 320mm

201.004 Hysterectomy apparatus
φ 15mm × 320mm

201.005 Hysterectomy apparatus
φ 18mm × 320mm



201.006 Uterus measuring stick
φ 5mm × 520mm



DS301.007 Rod
φ 5mm × 420mm



201.019 Hysteromyoma bodkin
φ 5mm × 420mm

201.020 Hysteromyoma bodkin
φ 10mm × 420mm



201.016 Grasping forceps
φ 10mm × 420mm

201.017 Grasping forceps
φ 5mm × 420mm



201.021 Cervical forceps(adjustable)
250mm/310mm

201.024 Uterine neck forceps

201.025 Heavy scissors(curved)

201.026 Bile Duct Needle
φ 5mm × φ 330mm



201.010 Dilator
φ 10mm- φ 15mm

201.011 Dilator
φ 10mm- φ 18mm

201.013 Converter
φ 15mm- φ 5mm

201.014 Converter
φ 18mm- φ 5mm

201.008 Trocar cannula
φ 15mm × 95mm

201.009 Trocar cannula
φ 18mm × 95mm

201.015 Knot-pushing stick
φ 5mm × 330mm

201.018 Lift uterus apparatus
400mm

201.012 Guide probe
φ 10mm × 330mm

201.023 Electro-motor

201.022 Host machine

201.027 Elevator(Double heads)
φ 10mm × φ 330mm

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
φ 5mm × 330mm



• Clip applier

DW5021 Clip applier
Small(Single action)



DW5024 Clip applier(Small)



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



DW5025 Clip applier



• Forceps (Insulated, Φ5mm)

DW5001 Stomach grasping forceps
φ 5mm × 330mm



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



DW5002 Stomach grasping forceps
φ 5mm × 330mm



DW5007 Intestinal grasping forceps
φ 5mm × 330mm



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



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



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



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



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



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



• Pediatric laparoscope instrument

DW5015 Atraumatic forceps
φ 3mm × 330mm



DW5301 Scissors(hook-shaped)
φ 3mm × 330mm



DW5017 Dissecting forceps
φ 3mm × 330mm



DW5302 Scissors(single action)
φ 3mm × 330mm



DW5018 Dissecting forceps(straight)
φ 3mm × 330mm



DW5303 Scissors(single action curved)
φ 3mm × 330mm



D6410X Electric hook
φ 3mm × 330mm



DW4402X Coagulator
φ 3mm × 330mm



• Coagulation suction unit

DW4401 Coagulation suction unit with valve
φ 5mm × 330mm



• Suture forceps

D5048 Abdominal suture forceps(zenon)
φ 2mm × 150mm



D5403 Abdominal suture forceps(zenon)
φ 2mm × 150mm



D5049 Abdominal suture forceps(zenon restoration device)
φ 2.2mm × 110mm



• Opening forceps,Cholangiography forceps

D5052 Cholangiography
φ 5mm × 330mm



D5053 Opening forceps 57mm
φ 11mm



• Single-electric wire

U8413A Single-electrod wire
3m



• Titanium clip,Light cable

D5801 Titanium clip



U8725 Light cable
φ 5mm × 3m




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

• 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

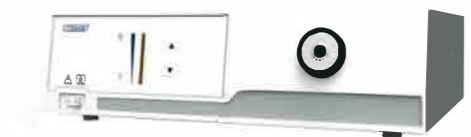
• Power system (used with laser shredding endoscope)



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 $\leq 180\text{VA}$

• 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
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 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
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: $\pm 65 \pm 5$ KPa

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



ESSE Monitor

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

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



- ◆ 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
- ◆ SD-HD668P Endoscope Image System
- ◆ SD-LED Medical cold light source
- ◆ QG- II Automatic high flow Co₂ insufflator
- ◆ 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

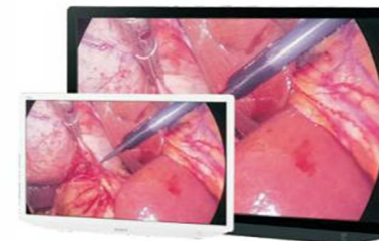
• Medical Endoscope LED cold light source



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:>550lm
- ◆ Working environment:Temperature +10° C~+40° C
Humidness 30%~75%
Barometric pressure 860hpa~1060hpa
- ◆ Security type:  I type BF type application part

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



Medical monitor
LMD-X3200MC
LMD-X550MC

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