

ENDOSCOPES



COMPANY PROFILE

Shenyang shenda endoscope co., ltd was established in the 1980s. Our company is the pioneer and manufacturer of medical rigid endoscopes in China. After more than 30 years unremitting efforts, manifold endoscopes and instruments, specially the creative curved hysteroscopes, are widely being used in clinical diagnosis and minimally invasive operation. Shenda has products in urology, gynecology, ENT, anus-enterology, orthopaedics, laparosurgery and the domain of industrial production. It's our principle in business "High quality, reasonable price, value demand of customers". We are actively doing cooperation with many friends throughout the world. We have contributed to the furtherance of dissemination and development of minimally invasive operation.

Development

- Shenda company always have high regard for exploitation and development of products. The first optical fiber style cystoscope, arthroscope, resectoscope were born in shenda company. The flexible endoscope protection system which can avoid iatrogenic cross infection is reinstituted in the world by shenda company. It is a huge progress of endoscope technology.
- At present, we have more than 1000 kinds of products. They are used in minimally invasive operation in urology, gynecology, ENT, anus-enterology, orthopaedics and laparosurgery. In recent years, shenda received the endoscope as our preponderant products. Large scale production of endoscope has brought satisfactory effect.

Technique and production

- Our company has complete professional technical teams in the fields of optics, mechanics, electrics equipment, quality management, standardization and so on. We can do and design optics system, full set of products and the design of electric equipment production. In addition, our company has a consultant which has many famous medical experts in our country.
- We use optics material, optical fiber, metal and nonmetal material. The processing of the components realizes digital machining and ensures the property and quality.
- In recent years, we strengthen the contact with domestic and overseas markets, and the domestic and foreign and optics companies are satisfied with the large amount of the lenses we produced for them. This helps domestic endoscopes and optics components to go out of our country, and increases our status in the domestic endoscope market.
- Our company can design and produce various kinds of special endoscopes according to the needs of the customers.

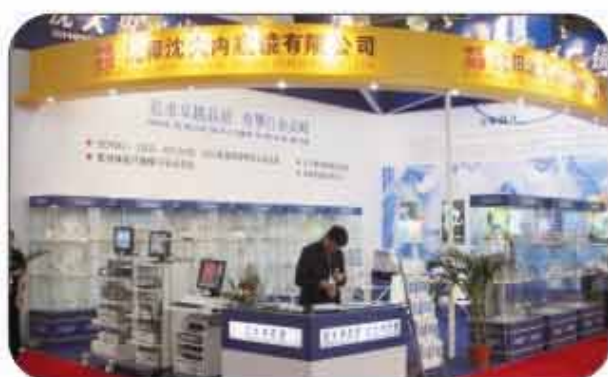
Quality and Sales

- Our company has complete quality management system. We passed the ISO9001 : 2008 and ISO 13485 : 2012 quality management system and gained CE certificate.
- Our company sets perfect service and commercial network in order to provide high cost performance products for customers and ensure the after sale service.

Honor

Our company has gained more than 40 patents in different countries, including Chinese patent of invention and practical new patent, Japanese patent, Spanish patent and has passed PCT international patent application, and we will get the proprietary intellectual property rights of America, European Union and so on. The rod lens process method has been used in many companies in our country. Our products got more than 20 prizes of our country. The cysto-urethroscope NP-1, open laparoscope KF-1 and hysteroscope XG-5 are national new products.

- We awarded Liaoning high and new technology company in 1990.
- We became the member of Chinese medical apparatus and instruments association in 1996.
- "Shenda" Brand Endoscope got top ten of medical apparatus and instruments industry in 1998.
- We became the membership of Chinese science and technology industrialization seminar in 2001.
- We awarded top-50 private science and technology enterprise of Shenyang in 2003.
- We got the program of promoting business by applying scientific and technological advances in 2005.
- Plasma resectoscope got the support of national science and technology innovation fund in 2006.



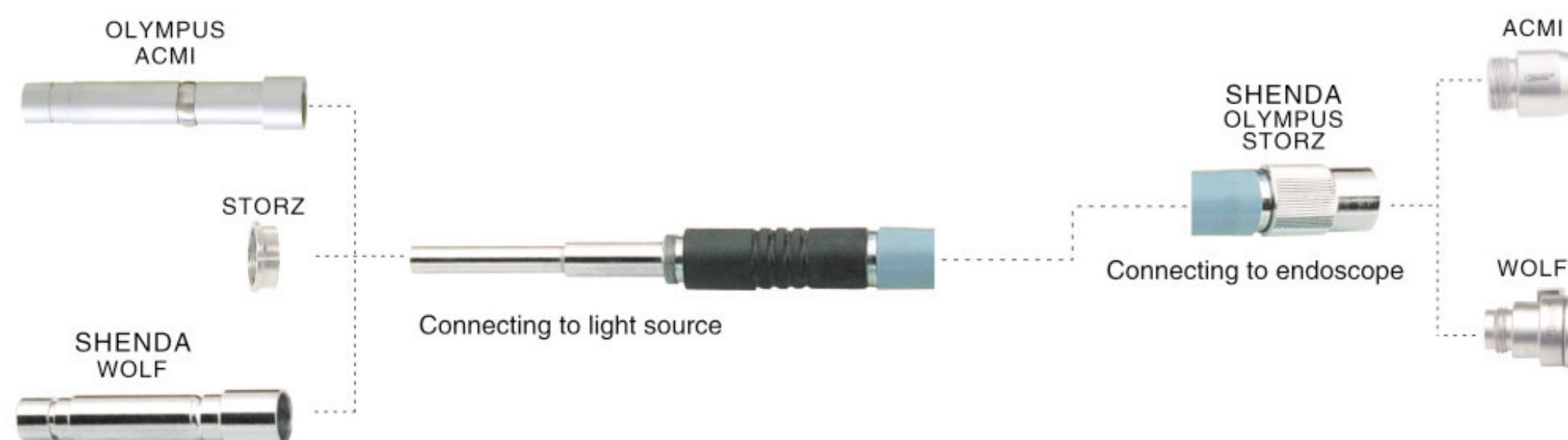
Code of endoscope

	Endoscopes	Autoclavable endoscope
	J□□□□ G or CG G: wide angle, CG: wider angle Code(English letter) Angle of view direction (Arabic numerals) kinds of endoscopes(Arabic numerals)	Autoclave 134° C/273° F

Mark of color code

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



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

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ORTHOPEDICS

Arthroscope GJ-3

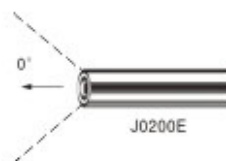
- ◆ Endoscope adopts imported stainless steel material
- ◆ Endoscope adopts German optic glass, light fiber and light cone
- ◆ Adopt the patented technology of rod optical lens, clear field of view
- ◆ With direction index, sapphire lens cover never abrasion
- ◆ The autoclavable endoscope & low temperature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



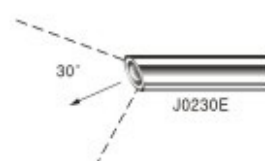
J0230E
G4503

Endoscope

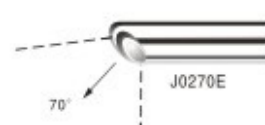
J0200E 0° Arthroscope
φ 4mm × 175mm



J0230E 30° Arthroscope
φ 4mm × 175mm



J0270E 70° Arthroscope
φ 4mm × 175mm



- 1 Connecting to SHENDA 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

G4500 0° Sheath two-stopcock
φ 5.5mm × 140mm



G4503 30° Sheath two-stopcock
φ 5.5mm × 140mm



G4507 70° Sheath two-stopcock
φ 5.5mm × 140mm



G4520 Prism puncture needle
φ 4.3mm × 175mm



G4540 Blunt obturator
φ 4.3mm × 175mm



Trocar cannula (Trocar)

G4502 Trocar cannula
φ 5.8mm × 74mm



G4542 Trocar
φ 5mm × 93mm



Punch forceps, Meniscus grasping forceps, Synovium forceps

G5004 Punch forceps
φ 5mm × 150mm



G5001 Meniscus grasping forceps
5mm × 135mm

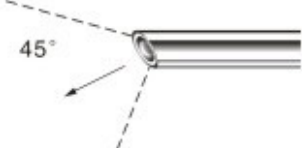
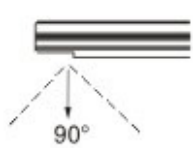


G5002 Synovium forceps, straight
4mm × 140mm



Instrument	Knife, Curette, Bone file
	
G5003 Needle location biopsy forceps φ 3.4mm × 145mm 	G5401 Hook knife φ3mm × 105mm 
G5304 Straight scissors φ3.4mm × 140mm 	G5403 Backward knife φ3mm × 105mm 
G5302 Curved scissors(left) φ3.4mm × 140mm 	G5408 Meniscus knife φ3mm × 105mm 
G5303 Curved scissors (right) φ3.4mm × 140mm 	G5409 Rosette knife φ3mm × 105mm 
	G5410 Half-round knife φ3mm × 105mm 
G5013 Forceps (0°) φ 5mm × 135mm 	G5404 Spade knife, straight φ3mm × 105mm 
G5014 Forceps (left 45°) φ 5mm × 135mm 	G5411 Curette φ3mm × 105mm 
G5016 Forceps (right 45°) φ 5mm × 135mm 	G5911N Curette φ3mm × 105mm 
G5901 Right angle probe (3mm)	G5915N Bone file φ3mm × 105mm 
G5902 Right angle probe (5mm)	G5406N Banana Knife φ3mm × 105mm 
Right angle probe 	Light cable U8724 Light cable Φ4mm × 2m U8724C Light cable Φ4mm × 3m  1. Connecting to SHENDA fountain Connecting to WOLF fountain 2. Connecting to STORZ fountain

Accessories of arthroscope (Endoscope)

	
J0200G	0° Arthroscope (angle of field: 90°) 4mm × 175mm
J0200CG	0° Arthroscope (angle of field: 110°) φ 4mm × 175mm
J1200	0° Arthroscope φ 3mm × 175mm
J2200	0° Arthroscope φ 2.7mm × 175mm
	
J0212	12° Arthroscope φ 4mm × 175mm
	
J0230G	30° Arthroscope (angle of field: 90°) φ 4mm × 175mm
J0230CG	30° Arthroscope (angle of field: 110°) φ 4mm × 175mm
J1230	30° Arthroscope φ 3mm × 175mm
J2230	30° Arthroscope φ 2.7mm × 175mm
J0230GS	30° Arthroscope (stryker connector) φ 4mm × 142 mm
	
J0245G	45° Arthroscope (angle of field: 90°) φ 4mm × 175mm
J0245E	45° Arthroscope φ 4mm × 175mm
	
J0270G	70° Arthroscope (angle of field: 90°) φ 4mm × 175mm
J0270CG	70° Arthroscope (angle of field: 110°) φ 4mm × 175mm
J1270	70° Arthroscope φ 3mm × 175mm
J2270	70° Arthroscope φ 2.7mm × 175mm
	
J0290E	90° Arthroscope φ 4mm × 175mm
J02110C	110° Arthroscope φ 4mm × 175mm

Arthroscope accessories (Sheath, Prism puncture needle)

G2700	0° sheath two-stopcock φ 4mm × 140mm	
G2703	30° Sheath two-stopcock φ 4mm × 140mm	
G2707	70° sheath two-stopcock φ 4mm × 140mm	
G2720	Prism puncture needle φ 3mm × 175mm	
G2740	Blunt obturator φ 3mm × 175mm	

Forceps

		
G5046N	Punch forceps 45° (Right) φ 4.5mm × 175mm	
G5016N	Punch forceps 45° (Left) φ 4.5mm × 175mm	
G5046AN	Punch forceps 90° (Right) φ 4.5mm × 175mm	
G5016AN	Punch forceps 90° (Left) φ 4.5mm × 175mm	
G5004N	Joint pliers forceps φ 4.5mm × 175mm	

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

U9611Z Control source
Rotation rate
1000–4000r/min



U9622Z Hand controls
power of motor 8W



U8801 Foot switch



B5726Z Oblique inner cutters (curved)
φ 4mm



B5722Z Flat full-tooth cutters(straight)
φ 4mm



B5724Z Oblique cutters(straight)
φ 4mm



B5747Z Round-shapes drill(straight)
φ 4mm



BXQ Computer powerful chipping device

U9611Z Control source
Rotation rate
0-9300 r/min



U9622Z Hand controls
power of motor 8W



U8801 Foot switch



B5726Z Oblique inner cutter
0° up curved



B5747Z Oblique inner cutter
40° down curved



B5722Z Flat full-tooth cutters(straight)
φ 3.5mm



B5724Z Flat cutters(straight)
φ 4.3mm



B5725Z Oblique cutters(straight)
φ 4.3mm



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

U9611ZS Control source
Rotation rate
600–8000r/min



U9622ZS Hand controls



U8801S Foot switch



B5721ZS Flat cutter(straight)
φ 4.2mm



B5722ZS Flat full-tooth cutters(straight)
φ 4.2mm



B5726ZS Oblique cutters(straight)
φ 4.2mm



B5747ZS Round-shapes drill(straight)
φ 5mm



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



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

LED Light source



U9111 GL-100L
LED light source

PRODUCT PARAMETER

- ◆ 30W LED Lamp
- ◆ Color temperature: 6500k
- ◆ Illuminance: 500000Lx
- ◆ SNR: < 35 dB
- ◆ Input Power: < 100W

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



U9331 YT300 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-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-II

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

Peritoneum cleaner QXQ-1000J



U9421
Peritoneum cleaner QXQ-1000J

Peritoneum Cleaner QXQ-1000J is used for irrigations and suctions 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 spressure 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.

High definition camera



U9225 High definition camera(HD-668)

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
(SD-618 /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
(SD-608/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.
- ◆ Brightness adgustment

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 (SD-628)

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 × 1 BNC / 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 lines
- ◆ Minimal illumination : 3LUS
- ◆ SNR : 60dB
- ◆ Signal gain: automatic
- ◆ Resolution Rate : 1280 × 1024
- ◆ Outputs : DVI / RGB
- ◆ Shutter : automatic

Sony Monitor (LMD-1510W HD Monitor)



LMD-1510W HD Monitor

- ◆ Screen size: 15.6 inches
- ◆ High purity filter, excellent brightness and contrast
- ◆ 109% peak white and 10-bit signal processing
- ◆ Picture delay can be minimised for audio synchronization.
- ◆ Multiple inputs including SDI and HDMI
- ◆ Resolution: 1366 x 768(WXGA)
- ◆ Aspect ratio:16:9

Sony Monitor(LMD-2110MC Monitor)



LMD-2110MC Monitor

- ◆ Screen size : 21 inches
- ◆ Resolution : HD resolution 1920X1080,16:9
- ◆ Interface: composite analogy,Y/C, 3RCA/RGB Input/Output,HDMI Input,SD-SDI Input(Optional)
- ◆ 10-bit signal processing engine,high-precision LCD grayscale reproduction,wide-angle, high Brightness, contrast and response speed
- ◆ Built-in mono speaker 0.5W
- ◆ External synchronization input/output, parallel remote control
- ◆ Optional color temperature, pure blue mode.

Sony Monitor (LMD-2451MC Monitor)



LMD-2451MC Monitor

- ◆ Completely medical safety standard for UL60601-1,CSA C22.2,EN60601-1
- ◆ 24 inches, resolution 1920X1200, Image Aspect Ratio16:10
- ◆ High Brightness, high contrast,178° wider field of view
- ◆ Interface : composite, Y/C, RGB/3RCA, External synchronization,HD/SD-SDI
- ◆ Computer interface : DVI-D,HD15
- ◆ Optional : SD/HD-SDI, composite, Y/C, RGB/3RCA
- ◆ Serial, parallel remote control interface
- ◆ The screen surface has a AR reflection shield

Monitor (Samsung SMT-1930 /SMT-1934/SMT-2232)



Samsung SMT Monitors

Model	SMT-1930	SMT-1934	SMT-2232
Screen size	19" (Wide screen)	19"	22" (Wide screen)
Max Resolution	1,366 × 768	1,280 × 1,024	1,920 × 1,080
Brightness	300cd/m2	250cd/m2	300cd/m2
Contrast	1,000:1	1,000:1	1,000:1
Viewing Angle(H/V)	160° /160°	170° /160°	170° /160°
Response time	5ms	5ms	5ms
Video system	NTSC/PAL	NTSC/PAL	NTSC/PAL
Interface	HDMI/A	BNC/USB/HDMI	BNC/USB/HDMI/A

Industrial Endoscope



Industrial Endoscope

	Name	Code	Specification
1	Industrial Endoscope	J4000	0° , ϕ 4mm $\times$ 380mm
2	Industrial Endoscope	J040008302	0° , ϕ 8mm $\times$ 302mm
3	Industrial Endoscope	J040006060	0° , ϕ 6mm $\times$ 60mm
4	Industrial Endoscope	J040004420	0° , ϕ 4mm $\times$ 420mm
5	Industrial Endoscope	J040030400	0° , ϕ 3mm $\times$ 400mm
6	Industrial Endoscope	J040052302	0° , ϕ 5.2mm $\times$ 302mm
7	Industrial Endoscope	J040052175	0° , ϕ 5.2mm $\times$ 175mm
8	Industrial Endoscope	J040004175	0° , ϕ 4mm $\times$ 175mm
9	Industrial Endoscope	J040012120	0° , ϕ 1.2mm $\times$ 120mm
10	Industrial Endoscope	J040012120	0° , ϕ 1.2mm $\times$ 150mm
11	Industrial Endoscope	J040012160	0° , ϕ 1.2mm $\times$ 160mm
12	Industrial Endoscope	J040004540	0° , ϕ 4mm $\times$ 540mm
13	Industrial Endoscope	J040050175	0° , ϕ 5mm $\times$ 175mm
14	Industrial Endoscope	J040006400	0° , ϕ 6mm $\times$ 400mm
15	Industrial Endoscope	J040060380	0° , ϕ 6mm $\times$ 380mm
16	Industrial Endoscope	J040052500	0° , ϕ 5.2mm $\times$ 500mm
17	Industrial Endoscope	J040027140	0° , ϕ 2.7mm $\times$ 140mm
18	Industrial Endoscope	J040010500	0° , ϕ 10mm $\times$ 500mm
19	Industrial Endoscope	J0400354	0° , ϕ 5.2mm $\times$ 354mm
20	Industrial Endoscope	J040016250	0° , ϕ 1.6mm $\times$ 250mm
21	Industrial Endoscope	J2600380	0° , ϕ 8mm $\times$ 380mm
22	Industrial Endoscope	J2600A803	0° , ϕ 6mm $\times$ 803mm
23	Industrial Endoscope	J0600	0° , ϕ 6mm $\times$ 450mm
24	Industrial Endoscope	J5000	0° , ϕ 4mm $\times$ 200mm
25	Industrial Endoscope	J0400	0° , ϕ 5.2mm $\times$ 420mm
26	Industrial Endoscope	J040008450	0° , ϕ 8mm $\times$ 450mm
27	Industrial Endoscope	J1400	0° , ϕ 3mm $\times$ 55mm
28	Industrial Endoscope	J1400B	0° , ϕ 3mm $\times$ 304mm
29	Industrial Endoscope	J043010340	30° , ϕ 10mm $\times$ 340mm
30	Industrial Endoscope	J043006400	30° , ϕ 6mm $\times$ 400mm
31	Industrial Endoscope	J047006300	70° , ϕ 6mm $\times$ 300mm
32	Industrial Endoscope	J047004380	70° , ϕ 4mm $\times$ 380mm
33	Industrial Endoscope	J047008302	70° , ϕ 8mm $\times$ 302mm
34	Industrial Endoscope	J047006540	70° , ϕ 6mm $\times$ 540mm
35	Industrial Endoscope	J047004200	70° , ϕ 4mm $\times$ 200mm
36	Industrial Endoscope	GTD1	70° , ϕ 4mm $\times$ 420mm
37	Industrial Endoscope	J047006600	70° , ϕ 6mm $\times$ 600mm
38	Industrial Endoscope	J047006655	70° , ϕ 6mm $\times$ 665mm
39	Industrial Endoscope	J2670380	70° , ϕ 6mm $\times$ 666mm
40	Industrial Endoscope	J047004540	70° , ϕ 4mm $\times$ 540mm
41	Industrial Endoscope	J047010325	70° , ϕ 10mm $\times$ 325mm
42	Industrial Endoscope	J047035302	70° , ϕ 3.5mm $\times$ 302mm
43	Industrial Endoscope	GTD2670B380	70° , ϕ 6mm $\times$ 380mm
44	Industrial Endoscope	J2670A803	70° , ϕ 6mm $\times$ 803mm
45	Industrial Endoscope	J0770T	70° , ϕ 8mm $\times$ 350mm
46	Industrial Endoscope	J0370500	70° , ϕ 4mm $\times$ 503mm
47	Industrial Endoscope	GTD	70° , ϕ 4mm $\times$ 380mm
48	Industrial Endoscope	GTD(g)	70° , ϕ 4mm $\times$ 380mm
49	Industrial Endoscope	J1690300	90° , ϕ 6mm $\times$ 300mm
50	Industrial Endoscope	J049006350	90° , ϕ 6mm $\times$ 350mm

Industrial Endoscope



Industrial Endoscope

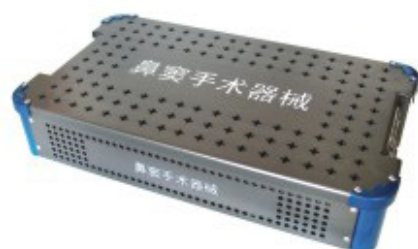
Name	Code	Specification
51 Industrial Endoscope	J0690D	90° , ϕ 8mm $\times$ 340mm
52 Industrial Endoscope	J049006450	90° , ϕ 6mm $\times$ 450mm
53 Industrial Endoscope	J049006580	90° , ϕ 6mm $\times$ 580mm
54 Industrial Endoscope	J049008450	90° , ϕ 8mm $\times$ 450mm
55 Industrial Endoscope	J049006380	90° , ϕ 6mm $\times$ 380mm
56 Industrial Endoscope	J049010500	90° , ϕ 10mm $\times$ 500mm
57 Industrial Endoscope	J049010360	90° , ϕ 10mm $\times$ 375mm
58 Industrial Endoscope	J049010300	90° , ϕ 10mm $\times$ 300mm
59 Industrial Endoscope	J0690A	90° , ϕ 8mm $\times$ 300mm
60 Industrial Endoscope	J0690B	90° , ϕ 8mm $\times$ 700mm
61 Industrial Endoscope	J0690C	90° , ϕ 8mm $\times$ 426mm
62 Industrial Endoscope	J0690	90° , ϕ 6mm $\times$ 455mm
63 Industrial Endoscope	J1690	90° , ϕ 6mm $\times$ 504mm

Endoscope disinfection box、Instruments disinfection box

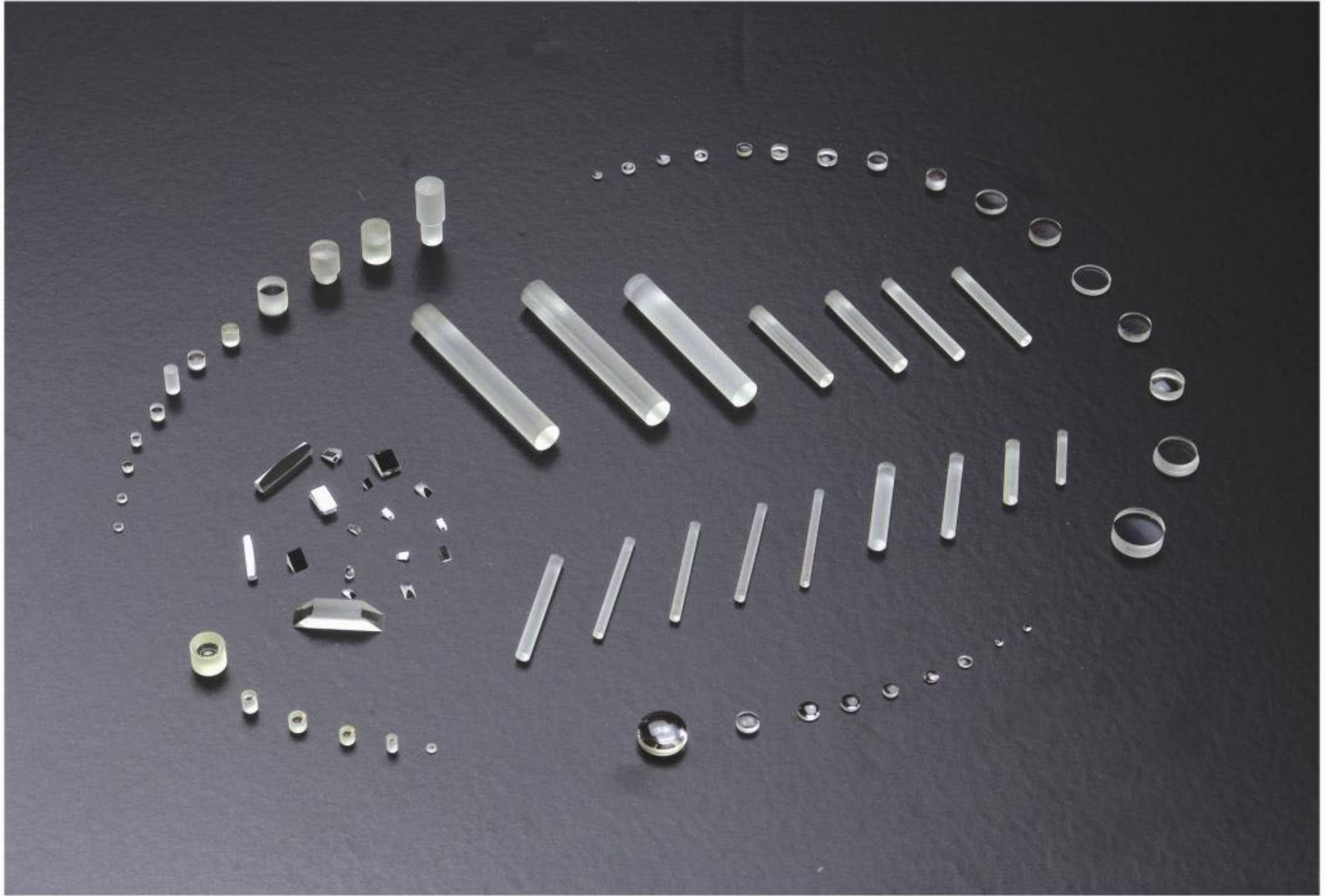


Endoscope disinfection box

Name	Specification	Note
Laparoscope instruments	560mm $\times$ 235mm $\times$ 75mm	For instruments
Laparoscope instruments	565mm $\times$ 260mm $\times$ 75mm	For instruments
Laparoscope instruments	550mm $\times$ 305mm $\times$ 160mm	For instruments
Laparoscope instruments	540mm $\times$ 230mm $\times$ 70mm	For instruments
Sinuscope instruments	395mm $\times$ 225mm $\times$ 80mm	For instruments
Laparoscope,Cystoscope	430mm $\times$ 90mm $\times$ 45mm	For endoscope
Cystoscope	530mm $\times$ 230mm $\times$ 90mm	For endoscopes
Laparoscope	525mm $\times$ 300mm $\times$ 155mm	For full set products
Sinuscope,Otoscope	275mm $\times$ 90mm $\times$ 45mm	For endoscopes
Sinuscope	360mm $\times$ 260mm $\times$ 90mm	For endoscopes
Sinuscope instruments	380mm $\times$ 215mm $\times$ 70mm	For instruments
Resectoscope	435mm $\times$ 290mm $\times$ 100mm	For full set products
Resectoscope instruments	420mm $\times$ 280mm $\times$ 90mm	For instruments
Cystoscope	545mm $\times$ 240mm $\times$ 100mm	For full set products
Operating laryngoscope	460mm $\times$ 220mm $\times$ 95mm	For full set products
Operating laryngoscope	435mm $\times$ 210mm $\times$ 90mm	For full set products
Power-driven uterectomy	540mm $\times$ 240mm $\times$ 140mm	For full set products
Power-driven uterectomy	540mm $\times$ 250mm $\times$ 135mm	For full set products
Ureterscope	680mm $\times$ 265mm $\times$ 108mm	For single endoscope
Ureterscope	730mm $\times$ 200mm $\times$ 100mm	For single endoscope
Ureterscope	660mm $\times$ 140mm $\times$ 80mm	For single endoscope
Hysteroscope	360mm $\times$ 140mm $\times$ 85mm	For endoscopes
Endoscope	425mm $\times$ 84mm $\times$ 42mm	For endoscopes
Endoscope	270mm $\times$ 84mm $\times$ 42mm	For endoscopes
Endoscope instrument	550mm $\times$ 250mm $\times$ 70mm	For instruments
Endoscope instrument	550mm $\times$ 250mm $\times$ 100mm	For instruments



Instruments disinfection box



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!



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