



THREE WAFER ULTRA HD,1400 LINE,STAR SERVICE, TWO YEARS OF REPLACEMENT 3 YEARS WARRANTY

ENDOSCOPIC IMAGE PROCESSING SYSTEM (HD)

PRODUCT NUMBER: HD810



- ◆ Camera: 2 megapixel 1/2.8 "CMOS image sensor
- ◆ Resolution 1920 (H) *1080(V)
- ◆ Definition 1080 line
- ◆ Brightness SIN : over 50dB (AGC OFF)
- ◆ Minimum illumination color: 1Lux black and white: 0.5Lux
- ◆ Video output signal: number: DVI, SDI, VGA
- ◆ simulation: NTSC/PAL CVBS
- ◆ Synchronizing inter-sync
- ◆ Move to detect : open/close
- ◆ Gain control: automation
- ◆ Shutter speed : 1/60~1/60000(NTSC), 1/50~50000 (PAL)
- ◆ Digital slow block door : open/close (x2/X4/X8/X16/X32/X64)
- ◆ AWC: AUTO/KEY AWC/MANUAL AWC
- ◆ DNR: Close/LOW/MIDDLE/HIGH
- ◆ English and Chinese can be switched
- ◆ Camera connection line: 2.5m/ special length needs to be customized
- ◆ power: AC220/110V±10%
- ◆ Dynamic detection of open/close
- ◆ Power: 2.5 W
- ◆ Storage temperature: - 20 ~ +50
- ◆ Working temperature: -10 ~ 45
- ◆ Work humidity: 20 ~ 85%

ENDOSCOPIC IMAGE PROCESSING SYSTEM (STANDARD)

PRODUCT NUMBER: HD710



- ◆ Image sensor 1/3"Sony IMX122LQJ180 megapixel
- ◆ Frame width dynamic low illumination
- ◆ Scan type by line scan
- ◆ Effective pixel: 1280 (H) x 1024 (V)
- ◆ resolution: exceeds 720 lines
- ◆ Interface: C/CS or board lens
- ◆ Automatic gain control : low/high/close
- ◆ Minimum illumination: 0.8 Lux(color)
- ◆ White balance : manual /
- ◆ Backlight compensation/low/medium/high/highest
- ◆ High level dynamic close/low/medium/high /
- ◆ 2D/3D noise reduction/open/automatic
- ◆ No flicker mode 50Hz/60Hz optional
- ◆ number is multiplied by 1 ~ 255, except for fog grade adjustment
- ◆ calibration
- ◆ Digital image stabilizes : open/close
- ◆ Strong light suppression: 0-254 (regional adjustable)
- ◆ Standard: hd-sdi without
- ◆ Simulated CVBS: composite video output, 75Ohm, 1vp-p
- ◆ Output pixel : 25/30fps(1280 x 1024)
- ◆ OSD menu: function Settings
- ◆ Power: dc +12V/ normal work 90mA(CVBS output)
- ◆ Working temperature: - 20 °C ~ 70 °C

ENDOSCOPIC IMAGE PROCESSING SYSTEM (ULTRA HD)

PRODUCT NUMBER: HD930



- ◆ Camera: 230 million pixels 1/2 COMS image sensor
- ◆ Resolution :1944 (H) *1092(V)
- ◆ Definition: 1400 lines
- ◆ Brightness S/N over 50dB (AGC OFF)
- ◆ Minimum illumination color: 1Lux black and white: 0.5Lux
- ◆ Video output signal number: 3G-SDI,DVI,VGA,HDMI
- ◆ simulation: NTSC/PAL CVBS
- ◆ Synchronizing: inter-sync
- ◆ Move to detect :open/close
- ◆ Gain control: automation
- ◆ Shutter speed :1/60~1/60000(NTSC), 1/50~50000 (PAL)
- ◆ Liquid crystal display: 6 inch LCD
- ◆ Digital slow block door :open/close (x2/X4/X8/X16/X32/X64)
- ◆ AWC: AUTO/KEY AWC/MANUAL AWC
- ◆ DNR Close/LOW/MIDDLE/HIGH
- ◆ English and: Chinese can be switched
- ◆ Camera connection line:2.5m/ special length needs to be customized
- ◆ Power: AC220/110 v + / - 10%
- ◆ Dynamic detection of :open/close
- ◆ Power:2.5 W
- ◆ Storage temperature: - 20 °C to + 50 °C
- ◆ Working temperature - 10 °C ~ 45 °C
- ◆ Work humidity: 20 ~ 85%

ENDOSCOPIC IMAGE PROCESSING SYSTEM (FULL HD)

PRODUCT NUMBER: HD910



- ◆ Camera: 2 million pixels 1/2.8 "COMS image sensor
- ◆ Resolution :1944 (H) *1092(V)
- ◆ Definition: 1200 lines
- ◆ Brightness S/N over 50dB (AGC OFF)
- ◆ Minimum illumination color: 1Lux black and white: 0.5Lux
- ◆ Video output signal number: 3G-SDI,DVI,VGA
- ◆ simulation: NTSC/PAL CVBS
- ◆ Synchronizing: inter-sync
- ◆ Move to detect :open/close
- ◆ Gain control: automation
- ◆ Shutter speed :1/60~1/60000(NTSC), 1/50~50000 (PAL)
- ◆ Digital slow block door :open/close (x2/X4/X8/X16/X32/X64)
- ◆ AWC: AUTO/KEY AWC/MANUAL AWC
- ◆ DNR Close/LOW/MIDDLE/HIGH
- ◆ language:English and Chinese can be switched
- ◆ camera connection line:2.5m/ special length needs to be customized
- ◆ Power AC220/110 v + / - 10%
- ◆ Dynamic detection of: open/close
- ◆ Power :2.5 W
- ◆ Storage temperature: - 20 ~ +50
- ◆ Working temperature: -10 ~ 45

ENDOSCOPIC IMAGE PROCESSING SYSTEM (ULTRA HD)

PRODUCT NUMBER: HD960



- ◆ Camera: 3*1/3 SONY CMOS sensor
- ◆ Effective pixels: 1920 (H) ×1080 (V)
- ◆ Scanning way: progressive scan
- ◆ Horizontal resolution:1400line
- ◆ SCENE: unique ENH color enhancement function
- ◆ SCENE:laparoscopic/hysteroscopy/cystoscope/arthroscopy/standard
- ◆ scene:Moorish removal function
- ◆ display:7 "LCD screen, real-time display image
- ◆ Electronic amplification:X1、 x1.1、 x1.5、 x2.0、 x2.5
- ◆ Sharpness control:20step
- ◆ Digital fast keyboard: On/off (x2/x4/x8/x16/x32/x64)
- ◆ AWE:auto/key awc /manual awc
- ◆ The extinction rate:0.1seconds
- ◆ Waterproof level:ipx7
- ◆ Gain control: Automatic/close
- ◆ Minimum illumination: f1.2≤when0.1lux
- ◆ Signal to noise ratio:50≤db
- ◆ Electronic shutter:1/50s-1/50000s
- ◆ Video output:dvi/sdi/video/video/usb
- ◆ Remote control:camera has a brightness/white balance/freeze/Color enhancement and other functions

Product features:

- > original imported 3*1/3 CMOS chip with a resolution of over 1200 lines.
- > using digital photographic chip with functions of high-definition imaging, 1920 x 1080 p high-definition output, ENH color enhancement after enhanced open surgical field mucosal morphology and blood vessels of sharpness, highlights the structure of the organization in the capillaries, make the organization in the blood vessels in the image more clear, fine and true.
- > camera has the function of brightness/white balance/freeze/color enhancement, which is convenient for clinical operation and use.
- > electronic amplification function makes it easier to see small lesions.
- > extinction rate is less than 0.1 second, surgery reduces visual fatigue, and the vision is more comfortable.
- > menu is simple and simple, convenient and practical, and sets various parameters and modes according to the user's requirement.
- > camera rear panel is equipped with the integration of open interface, using a third party system or tablet devices, can complete save images and video, so that the program of the operating room can be perfectly tailored, significantly improve the safety of users and patients.

Product number: HD710



Image sensor: 1/3 "Sony IMX122LQJ 1.8 megapixel"

Prime frame width dynamic low illumination

Scan Type: Progressive Scan

Effective pixels : 1280 (H) x 1024 (V)

Resolution: More than 720 lines

Interface: C/CS or Board lens

Automatic Gain Control: Low / High / Off

Minimum illumination: 0.8 Lux (color)

White balance: manual /

BLC: off / low / middle / high / ultrahigh

High grade wide dynamics: off / low / middle/ high /

2D/3D DNR: Off / On / Automatic

No flicker mode: 50Hz/60Hz

Digital multiplication, defog,

DIS: Digital multiplication× 1 ~ × 255, defog grade adjustment

Digital image stabilization: ON-OFF

HLC: 0-254 (Region adjustable)

Standard HD-SDI : None

Analog CVBS: composite video output, 75Ohm, 1Vp-p

Output pixel: 25/30fps (1280×1024)

OSD menu : Function setting

Power : Direct current +12V / normal work 90mA (CVBS output)

Working temperature: -20 ° C ~ 70 ° C

Humidity: 0%RH~80%RH

Product number: HD810



Camera device: 2 megapixel 1/2.8 "CMOS image sensor

Resolution: 1920 (H) *1080(V)

Definition: 1080 lines

Brightness S\N: over 50dB (AGC OFF)

Minimum illumination: color: 1Lux black and white: 0.5Lux

Video output signal: digital: DVI,SDI, VGA

Simulation: NTSC/PAL CVBS,

Synchronization type: internal synchronization

Motion detection: ON-OFF

Gain control: automatic

Shutter speed: 1/60~ 1/60,000 (NTSC), 1/50~50000 (PAL)

Digital slow shutter: ON-OFF (x2/X4/X8/X16/X32/X64)

AWC: AUTO/KEY AWC/MANUAL AWC

DNR: Close/LOW/MIDDLE/HIGH

Language: Chinese and English

Camera cable: 2.5m/ special length to be made to order

Mains: AC220/110 v + / - 10%

Dynamic detection: ON-OFF

Power: 2.5 W

Storage temperature: - 20 °C to + 50 °C

Working temperature: - 10 °C ~ 45 °C

Working humidity: 20 ~ 85%

Product number: HD910



Camera device: 2 megapixel 1/2.8 "CMOS image sensor

Resolution: 1944 (H) *1092(V)

Definition: 1200 lines

Brightness : S\N over 50dB (AGC OFF)

Minimum illumination,color: 1Lux ,black and white: 0.5Lux

Video output signal: digital: DVI,SDI, VGA

Simulation: NTSC/PAL CVBS,

Synchronous type: synchronization

Motion detection :ON-OFF

Gain control:Automatic

Shutter speed: 1/60~1/60000(NTSC), 1/50~50000 (PAL)

Digital slow shutter ON-OFF: (x2/X4/X8/X16/X32/X64)

AWC :AUTO/KEY AWC/MANUAL AWC

DNR :Close/LOW/MIDDLE/HIGH

Language :English and Chinese

Camera cable :2.5m/ special length needs to be made to order

Power :AC220/110 v + / - 10%

Dynamic detect :ON-OFF

Power: 2.5 W

Storage temperature: - 20 °C to + 50 °C

Working temperature: - 10 °C ~ 45 °C

Working humidity : 20 ~ 85%

HD Camera +LED light source 60W (standard clear matching)



Brief description of parameters:

Camera device: 2 million 300 thousand pixel 1/2.8 "CMOS image sensor

Resolution: 1920 (H) *1080(V)

Clarity: 1080 lines

Brightness S\N: over 50dB (AGC OFF)

Video output signal: digital: DVI,SDI, BNC,VGA

Simulation: NTSC/PAL CVBS

AWC: AUTO/KEY AWC/MANUAL AWC

DNR: Close/LOW/MIDDLE/HIGH

Language: switch between Chinese and English

Camera cable: 2.5m/ special length to be customized

Power supply: AC220/110 v + / - 10%

LED light source power 60W

Brief description of parameters:

< standard selection >

Image sensor: 1/3 "Sony IMX122LQJ 1 million 800 thousand image"

Plain width dynamic low illumination

Scan type: progressive scan

Effective pixel:1280 (H) x 1024 (V)

Resolution: over 720 lines.

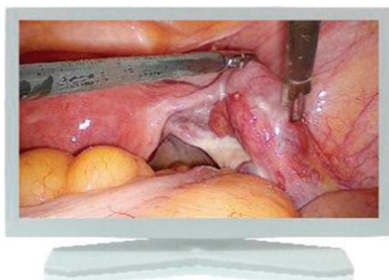
Interface: C/CS or trigger lens

Automatic gain control: low / high / off

Minimum illuminance:0.8 Lux (color)

Medical monitor

PRODUCT NUMBER: HD2770



Display size: 27 inches.
Power supply: external power supply 24V.
Resolution: 2560*1440.
Ratio: 16:9
Color: 16.7 million
Calibration brightness: 250 + 10 CDS / m^2
The highest brightness: 350 CD / m^2
Contrast: 1000:1
Perspective: 178/178
Response time: 14MS.
Installation standard: VESA 100x 100MM.
Power consumption: $\leq 100\text{W MAX}$



Medical monitor

PRODUCT NUMBER: HD2450

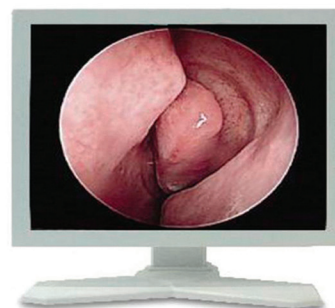
Display size: 24 inches.
Power supply: external power supply 24V.
Resolution: 1920*1200.
Ratio: 16:10
Color: 16.7 million
Calibration brightness: 250 + 10 CDS / m^2
Contrast: 1000:1
Perspective: 178/178
Response time: 15MS.
Installation standard: VESA 100x 100MM.
Power consumption: no more than 100W MAX

Medical monitor

PRODUCT NUMBER: HD2110



Display size: 21.5 inches.
Power supply: external power supply 12V.
Resolution: 1920*1080.
Ratio: 16:9
Color: 16.7 million
Calibration brightness: 200 + 10 CDS / m^2
The highest brightness: 250 CD / m^2
Contrast: 1000:1
Perspective: 178/178
Response time: 14MS.
Installation standard: VESA 100x 100MM



Medical monitor

PRODUCT NUMBER: HD1910

Display size: 19 inches.
Power supply: external power supply 12V.
Resolution: 1280*1024.
Scale: five
Color: 16.7 million
Calibration brightness: 200 + 10cd/ CD.
The highest brightness: 300 CD / m^2
Contrast: 1000:1
Perspective: 178/178
Response time: 25MS

Suction Cutter

PRODUCT NUMBER: X700
(Arthrodynamic system)



FUNCTIONAL FEATURES:

1000—8000R/MIN

HIGH SPEED:1000-8000R/MIN

CONTINUOUS ADJUSTABLE

TOP GRADE:7INCH COLOR TOUCH SCREEN

DISINFECTION: HIGH TEMPERATURE AND HIGH PRESSURE
, LOW TEMPERATURE PLASMA, ETC

SAFETY: THE HANDLE AND FOOT ARE WATERPROOF

CONVENIENT: THE TOOL IS SHARP, EASY TO INSTALL,
ATTRACT UNIMPEDED

TECHNICAL PARAMETERS:

SUPPLY VOLTAGE:~220V 50HZ

POWER:≤30VA

ROTATE SPD :1000-8000R/MIN

NOISE:≤60DB(A)

CHOOSE:



Handle



Tread Switch



Spherical Cutter



Serration Cutter



Smooth Cutte



Cold light source

PRODUCT NUMBER: L200



FUNCTIONAL FEATURES:

RATED POWER : 80VA

LUMINOUS FLUX : $\geq 1001\text{M}$

COLOR TEMPERATURE : 7000K

INTENSITY OF ILLUMINATION : $\geq 1900000\text{LX}$

COLOR RENDERING INDEX : $\text{RA} > 90$

LAMP LIFE : 20000-4000H

TECHNICAL PARAMETERS:

HIGH POWER LED IMPORTED LUMINOUS COMPONENTS

THERE IS NO DELAY WHEN STARTING UP

0-100

THE BRIGHTNESS NUMBER SHOWS 0-100 ADJUSTABLE LED

LED PERFORMANCE AND GOOD COLOR RENDERING

PROVIDE MULTI - APERTURE CONNECTOR FOR SELECTION

SUITABLE FOR ANY SOFT/HARD ENDOSCOPE



OLYMPUS
guide beam interface



Stryker
guide beam interface



KARL STORZ
guide beam interface



Wolf
guide beam interface



Light bulb



light hole



soft mirror aperture

Cold light source

PRODUCT NUMBER: L100

FUNCTIONAL FEATURES:

RATED POWER : 350VA

COLOR TEMPERATURE : 6500K

INTENSITY OF ILLUMINATION : $\geq 1800000\text{LX}$

COLOR RENDERING INDEX : $\text{RA} > 90$

LAMP LIFE : 300H

TECHNICAL PARAMETERS:

USING HIGH BRIGHTNESS XENON LAMP COMPONENT-
PERFORMANCE IS STABLE

THE BRIGHTNESS NUMBER SHOWS 0-100 ADJUSTABLE
GOOD COLOR RENDERING

THE SURGICAL VISION WAS SOLID

SUITABLE FOR ANY SOFT/HARD ENDOSCOPE



Wolf/Stryker
mirror end interface



OLYMPUS
mirror end interface



Edison beam

Portable fiberoptic bronchoscope



Product technical parameters:

Product number	Field Angle	Depth of field	Bending Angle
BP66P	120°	3-50mm	上180° 下130°
BC66P	100°	3-50mm	上180° 下130°

Outer diameter	Pliers pipe	Working length	All waterproof
4.9mm	2.2mm	550-600mm	●
3.5mm	1.2mm	550-600mm	●

Visual laryngoscope



Product technical parameters:

Product number	Field Angle	Sight direction	Field depth	Outside diameter	All waterproof
VT66	80°	0°	3-100mm	5mm	●

Fiber choledochoscope



Product Technical Parameters:

Product number	Field Angle	Depth of field	Bending Angle
HP66E	120°	3-50mm	上160° 下130°
HT66	100°	3-50mm	上160° 下130°

Outer diameter	Pliers pipe	Working length	All waterproof
4.9mm	2.2mm	380mm	●
5.9mm	2.6mm	380mm	●

Bronchoscope



Product Technical Parameters:

Product number	Field Angle	Depth of field	Bending Angle
BP66E	120°	3-50mm	上180° 下130°
BC66	100°	3-50mm	上180° 下130°

Outer diameter	Pliers pipe	Working length	All waterproof
4.9mm	2.2mm	550-600mm	●
3.5mm	1.2mm	550-600mm	●

Fiber nose and throat mirror



Product Technical Parameters:

Product number	Field Angle	Depth of field	Bending Angle
ET66	90°	3-50mm	上130° 下130°
EP66	90°	3-50mm	上130° 下130°
Outer diameter	Pliers pipe	Working length	All waterproof
4.9mm	2.2mm	360mm	●
3.5mm	⊙	300mm	●

Fiber ureterscope



Fiber kidney ureter mirror, viewing Angle 0 ° and 270 ° bend, bend under 270 °, the outer diameter of 2.9 mm, length 680 mm, 3.6 channel Fr

3Fr 4-wire set stone blue length 910mm.

3Fr 3 claw clamp 910mm.

3Fr biopsy forceps 920mm.

3Fr foreign body clamp 920mm.

3Fr electric coagulation rod 920mm.

Guide beam



OLYMPUS
guide beam interface

Stryker
guide beam interface

KARL STORZ
guide beam interface

Wolf
guide beam interface



Wolf/Stryker
mirror end interface



OLYMPUS
mirror end interface



Edison beam

PRODUCT FEATURES:

High transmission performance, low color, long service life.

It has high temperature resistance and can be used with high intensity light source.

Offers a variety of joint selection, length 2 meters /2.5 meters /3 meters, suitable for all kinds of cold light source and endoscope.

Optical interface



PRODUCT FEATURES:

The whole field is transparent, and the image is clear and not deformed.

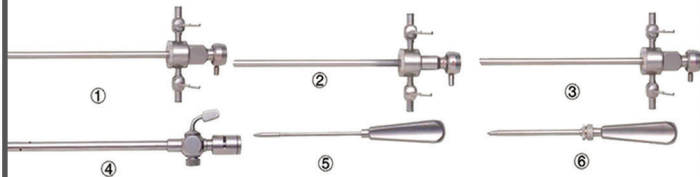
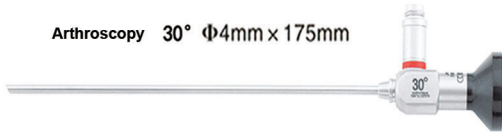
Waterproof design, convenient for cleaning and disinfection after operation.

Optical hd resolution, suitable for various cameras and soft - rigid endoscope.

Magnification F14 / F16 / F18/F20 / F22/F25 / F28 / F30 / F14-30, a variety of specifications to choose from.

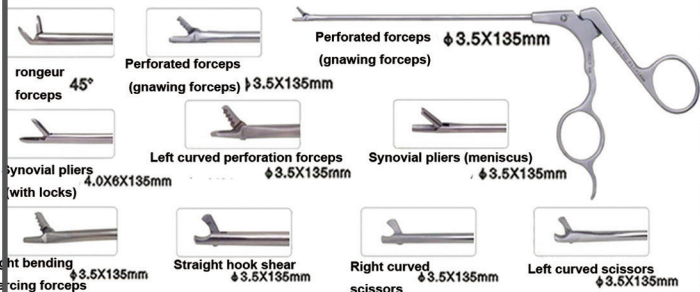
Arthroscopy

Arthroscopy 30° $\Phi 4\text{mm} \times 175\text{mm}$



- ① Double valve sheath lens 0° $\Phi 5.5 \times 140\text{mm}$ ④ Puncture outfit $\Phi 5.2 \times 110\text{mm}$
 ② Double valve sheath lens 30° $\Phi 5.5 \times 140\text{mm}$ ⑤ Core of open hole casing (rhombus) $\Phi 4.7 \times 120\text{mm}$
 ③ Double valve sheath lens 70° $\Phi 5.5 \times 140\text{mm}$ ⑥ Opening casing and inner core (blunt) $\Phi 4.7 \times 120\text{mm}$

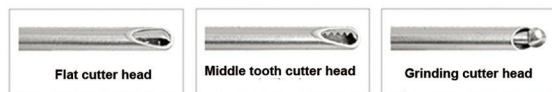
Probe $\Phi 5 \times 230\text{mm}$



Anatomic knife



Power system (arthroscope planer)

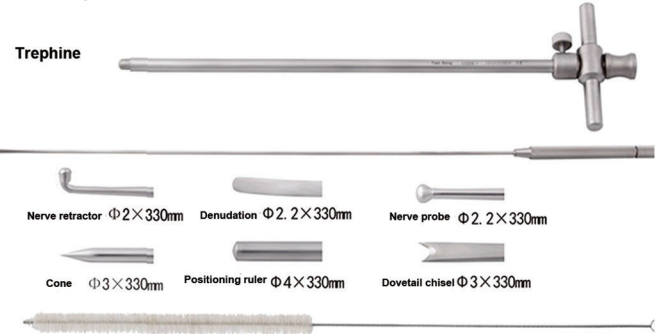


Intervertebral foraminoscopy

Intervertebral foraminoscopy 30°
 $\Phi 6.3 \times 181\text{mm}$

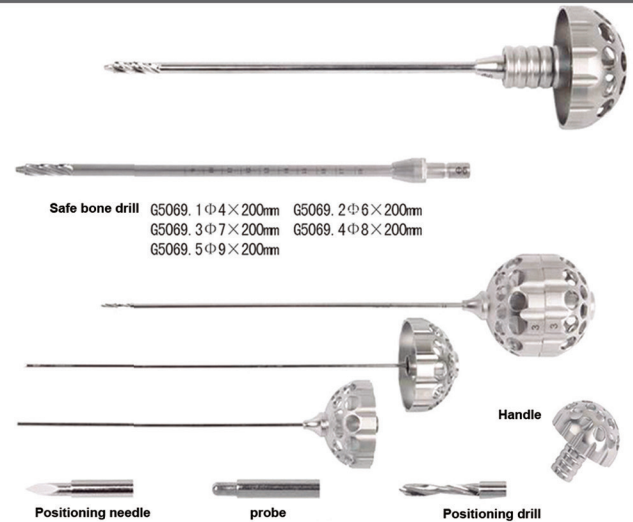


7 components of dilator



Brush $\Phi 1.5 \times 330\text{mm}$

Intervertebral foraminoscope bone drill



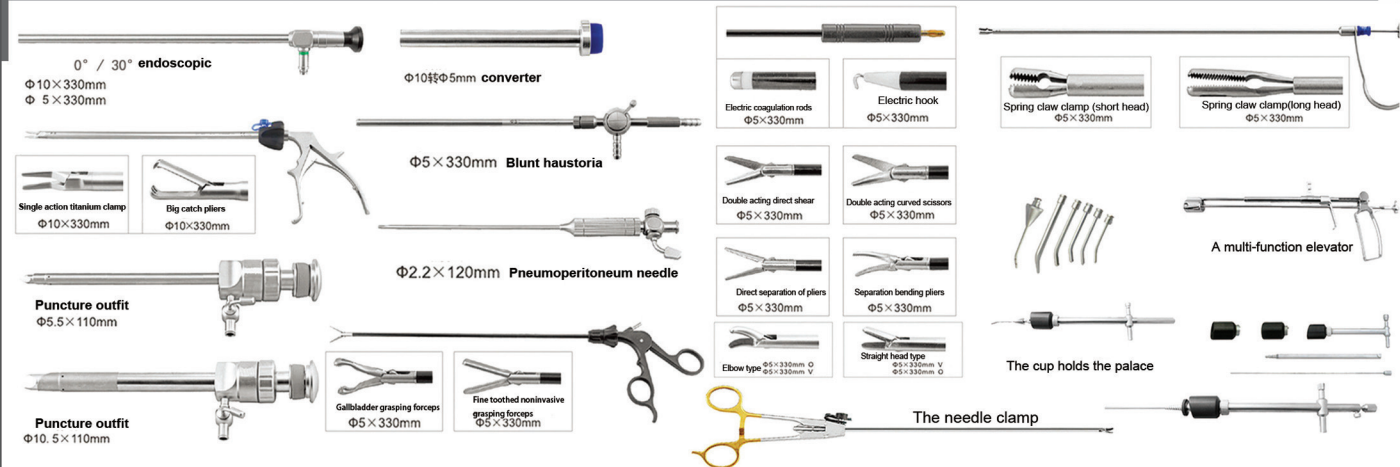
Safe bone drill G5069. 1 $\Phi 4 \times 200\text{mm}$ G5069. 2 $\Phi 6 \times 200\text{mm}$
 G5069. 3 $\Phi 7 \times 200\text{mm}$ G5069. 4 $\Phi 8 \times 200\text{mm}$
 G5069. 5 $\Phi 9 \times 200\text{mm}$

Medical perfusion pump

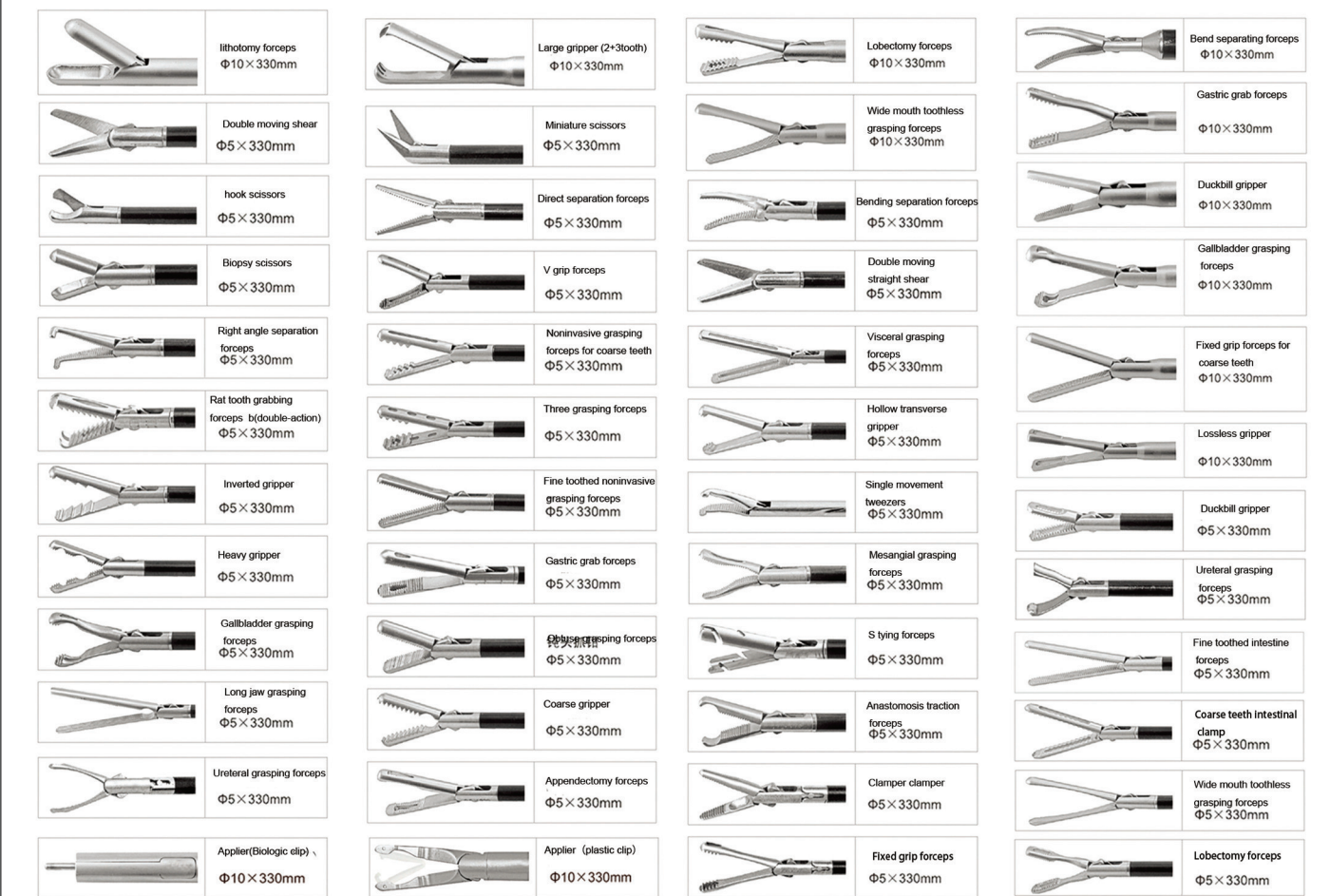
Radio frequency electric wave



Laparoscopic complete surgical instruments



Laparoscopic surgical instruments (optional)



Bipolar coagulation forceps 、 Bipolar separators



Pneumoperitoneum machine



Blunt suction pump



Electric hysterectomy



High frequency generator



Hysteroscopy



22° Elbow hysteroscope $\Phi 6.4\text{mm} \times 170\text{mm}$
22° Elbow hysteroscope $\Phi 5.2\text{mm} \times 170\text{mm}$

Dredge wire

$\Phi 0.8 \times 300\text{mm}$

Soft brush
6Fr



cap



Fiber optic cable
 $\Phi 4\text{mm} \times 2\text{m}$

General handle surgical instrument



Metal handle surgical instrument



Flexible biopsy forceps
6Fr $\times 385\text{mm}$

Flexible biopsy forceps (metal handle)
6Fr $\times 385\text{mm}$



Soft scissors
6Fr $\times 385\text{mm}$

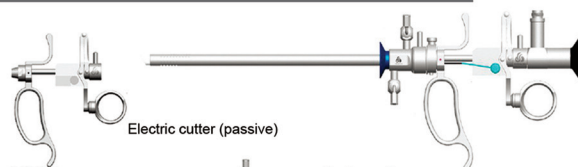
Soft scissors (metal handle)
6Fr $\times 385\text{mm}$



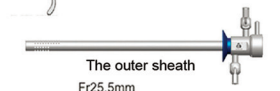
Soft scissors
6Fr $\times 385\text{mm}$

Soft scissors (metal handle)
6Fr $\times 385\text{mm}$

Electricity cut mirror



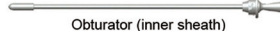
Electric cutter (passive)



The outer sheath
Fr25.5mm



Within the sheath
Fr22mm



Obturator (inner sheath)



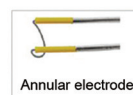
Endoscopic
12"
 $\Phi 4 \times 302\text{mm}$



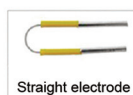
cap



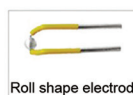
Water valve
connector



Annular electrode



Straight electrode



Roll shape electrode



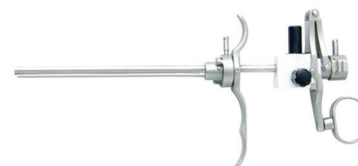
Hf wire
3m



Fiber optic cable
 $\Phi 4\text{mm} \times 2\text{m}$

Operator (active)

Operator (passive)



The outer sheath
27Fr $\times 180\text{mm}$



Inner sheath, obturator
25Fr $\times 195\text{mm}$



After the water gate



Water answer the door

Series of hysteroscopy --- Focusing on the gynecological uterine cavity



Outer sheath can rotate 360°



Outer sheath can rotate 360°



The outer sheath cannot be rotated

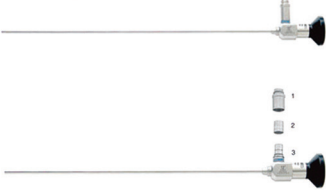


The outer sheath cannot be rotated

Romanoscope

Endoscope

Endoscope 12°
Φ4mm×302mm



Sheath and obturator, Operator, Eyepiece tube, Suction tube

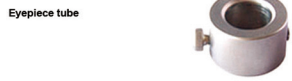
Sheath and obturator
Φ20mm×250mm



Operator



Eyepiece tube



Bend suction pipe



Surgical instruments

Soft biopsy forceps
7Fr×390mm



Soft sawtooth forceps
7Fr×390mm



Soft foreign body forceps
7Fr×390mm



Soft scissors
7Fr×390mm



Cotton pliers

Double hammer, Cleaning brush, optical cable

Double hammer(with the door)



Cleaning brush



optical cable
Φ4mm×2m

Rectal speculum

Endoscope

Endoscope 12°
Φ4mm×175mm



Sheath and obturator, Operator, Eyepiece tube, Suction tube

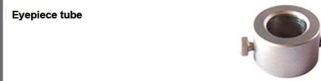
Sheath and obturator
Φ20mm×123mm



Operator



Eyepiece tube



Bend suction pipe



Surgical instruments

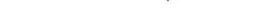
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Cleaning brush



optical cable
Φ4mm×2m

Electronic gastrointestinal system

Electronic colonoscopy (C166)

Electronic gastroscope (G166)

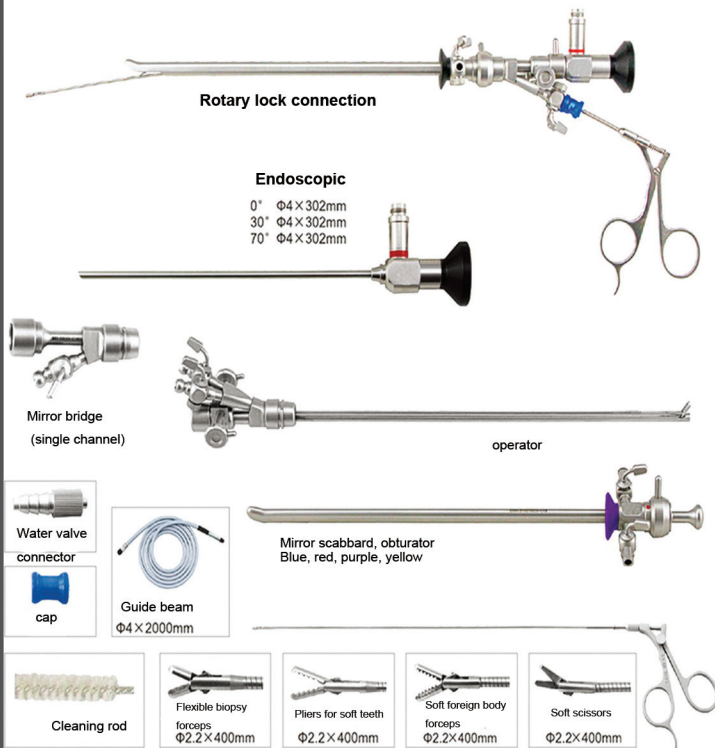


Angle of view	120 ° look	120 ° look
Observation of depth of field	3mm-100mm	3mm-100mm
Bending degree	Bending angle (U) 180° , (D) 160° (L) 160° , (R) 160°	Bending angle (U) 210° , (D) 100° (L) 100° , (R) 100°
Cutting-edge	external diameter 12. 8mm	external diameter 9. 8mm
Inserting tube	external diameter 12. 6mm	external diameter 9. 6mm
Pliers pipe	internal diameter 3. 8mm	internal diameter 2. 8mm
Effective length	1300mm/1500mm/1680mm	1025mm

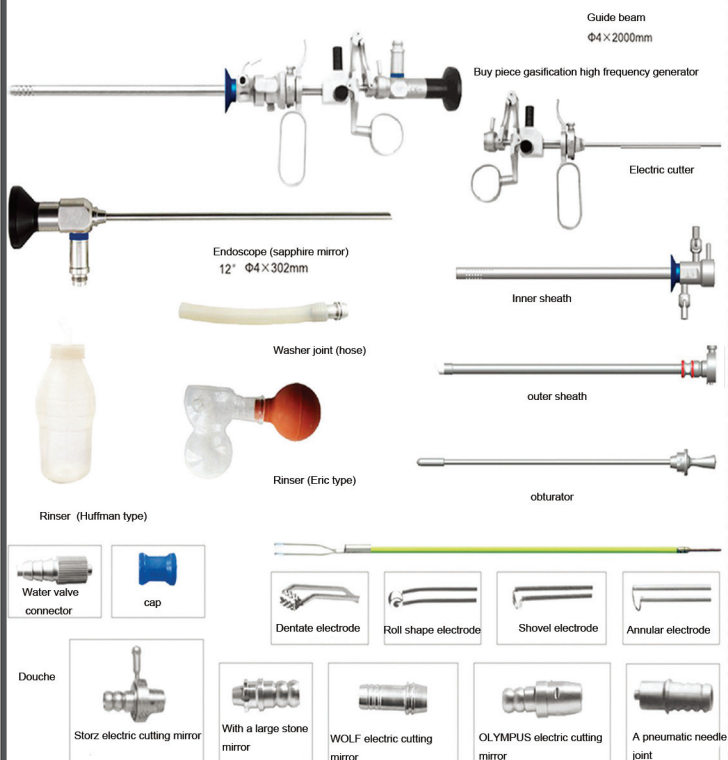
Performance characteristics of electronic gastroenteroscopy products:

1. we use the latest imported SONY 480 thousand high pixel, high sensitivity, true color CCD camera elements to ensure more accurate and accurate observation results.
2. the screen has super large depth of field and large field of vision, which can accurately reflect the mucosal surface and micro lesion. It can guarantee high level of observation and treatment performance.
3. gastroenteroscope full waterproof design, which can entirely infiltrate and sterilize, and equipped with leak detector. It can confirm whether the endoscope is damaged or not, and cause inflow and prevent damage.
4. the small diameter endoscopic and gradual soft design improved the insertion, alleviated the pain of the patients, shortened the hard part of the front end, and made the frontal observation easier.
5. freezing function, continuous freezing of four images, freezing of two pictures and freeze screen function of full screen.
6. automatic dimming function, automatic white balance, automatic gain function.
7. light source, low power, free adjustment of brightness, light and color remain unchanged, ensure true image reduction, long life silent air pump.

Urethrocystoscope



Prostatic vaporizing electroscope



Ureter mirror

