YIKEDA ®

Infrared Breast Inspection Equipment

Digital Electronic Colposcope

Endoscope Camera

Medical Trolley

YIKEDA ®

ISO CE

Tel: 0086 516 8325 8786

E-mail: yikeda@xzakx.org

Website: http://xzyikeda.en.alibaba.com

Xuzhou AKX Electronic Science and Technology Co., Ltd.

IKEDA®

CLASSICS FROM INNOVATION

With **15** National Patents

- Colposcope (1)   Patent No. ZL201230299599. 5
- Colposcope (2)   Patent No. ZL201230299594. 2
- Multi-function Infrared Breast Examination Equipment (National Utility Model Patent)
  Patent No. ZL201220453302. 0
- Infrared Breast Examination Probe Could Control Mammary Gland Detection Camera
  Patent No. ZL201220506726. 9
- Trolley(Appearance Patents)   Patent No. ZL201230526698. 2
- Multi-function Infrared Breast Examination Probe (Appearance Patents)
  Patent No. ZL201330015919. 4
- Multi-function Infrared Breast Examination Probe Control Display System (National Utility
  Model Patent)   Patent No. ZL201320028858. X
- A Kind of Vein Development Imaging System   Patent No. ZL201320064740. 2
- Multi-function Medical Trolley (National Utility Model Patent)
  Patent No. ZL201320086731. 3
- Infrared Breast Examination Probe (Appearance Patents)   Patent No. ZL201330102536. 0
- Portable Endoscope   Patent No. ZL201330625375. 3
- Medical Trolley   Patent No. ZL201430000688. 4
- Colposcope (3)   Patent No. ZL201430000659. 8
- Portable Computer   Patent No. ZL201430357873. 9
- Multi-function Hover Bracket   Patent No. ZL201430357872. 4

Patented products, counterfeiting not allowed!

YKD-9000 series
Endoscope Camera

YKD-9100 series
Endoscope Camera

YKD-1000 series
Infrared Breast Inspection Equipment

YKD-3000 series
Digital Electronic Colposcope

ISO 13485: 2016   CE 0197

Exhibitions we attend annually

MEDICA	CMEF
ARAB HEALTH	FIME
MEDICAL FAIR INDIA	HOSPITALAR
ZDRAVOOKHRANENIYE	Vietnam MediPharm

YIKEDA®

Company Introduction

Xuzhou AKX Electronic Science and Technology Co.,Ltd is a high-tech enterprise that committed to research, production, sale and service of medical imaging systems,

After more than ten years development, our company has already become to a leading manufacturer specializing in electronic digital colposcope, infrared mammary gland examination equipments and endoscope camera at home and abroad.

Our products are exported to more than 30 countries and areas all over the world, including Europe, Latin America, Middle East, Southeast Asia etc.

Win high reputation of good quality and excellent service from users.

New Product

Application for all departments

integrated endoscope system with **Six functions**

Full HD Camera
19 inch Monitor
USB storage
LED Cold Light Source
Connect additional hd monitor
Built-in imaging work-station(optional)

integrated endoscope system
YKD-9100

YKD-9003

Open the new idea on endoscope combination.

Integrated Endoscope System with **Five Functions**

Full HD Camera
15 inch Monitor
HD image storage
LED Cold Light Source
Connect additional hd monitor

2018.11 MEDICA

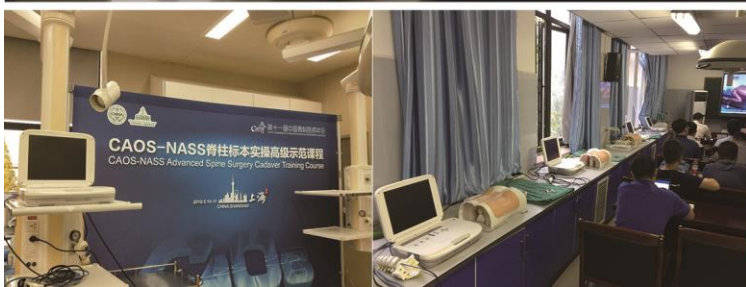2018.10 CMEF

2019.1 ARAB HEALTH

2018.12 ZDRAVOOKHRANENIYE

2018.3 MEDICAL FAIR INDIA

2014 Market expansion more than 30 countries

2019 inviting you to create brilliant

2017 cooperated with more than 300 hosiptals

2004 approaching medical market

Endoscopic Training

Ophthalmic Surgery

Arthroscopy Surgery

Otology Surgery

Spinal Surgery

Endoscopic Sinus Surgery

Spinal Surgery

椎间孔镜手术

Spinal Surgery

Plastic Breast Implants Surgery

Laparoscopic Cholecystectomy

Urology Percutaneous Nephroscopy Surgery

Neurosurgery Pituitary Tumor Surgery
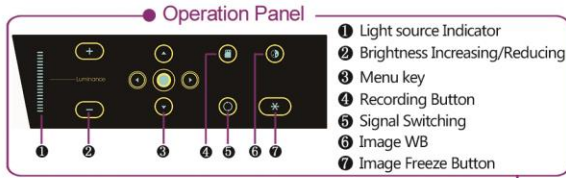
Spinal Surgery

Spinal Surgery

Plastic Breast Implants Surgery

Spinal Surgery

Operation Panel

❶ Light source Indicator
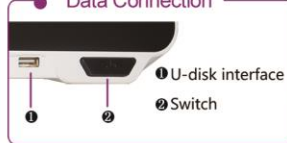❷ Brightness Increasing/Reducing
❸ Menu key
❹ Recording Button
❺ Signal Switching
❻ Image WB
❼ Image Freeze Button

❶ ❷ ❸ ❹ ❺ ❻ ❼

Light Source Interface

80W LED cold light source.

Monitor

19 inch HD Monitor

The Camera

❶ WB
❷ Freeze

1920x1080p, 2,100,000pixels,
1080lines,SONY CMOS HD CAMERA

Data Connection

❶ U-disk interface
❷ Switch

Camera	1/2.8 inch SONY CMOS HD Camera
Pixel	2,100,000 pixels
Image size (Horizontal×Vertical)	1920×1080p
Scanning system	Progressive Scanning
Frame rate	(1920×1080)60P
SNR	≥50dB
Video output	By"DVI,SDI,VGA,CVBS"Video output
Horizon resolution	1080 Lines
Monitor	19 inch HD medical Monitor
Light source	Buit-in 80W LED cold light source

● Light Source Interface

35W LED cold light source.

● Data Connection

- ❶ Power Input
- ❷ HDMI 1 Out
- ❸ HDMI 2 Out
- ❹ HDMI 3 Out
- ❺ CVBS Out

● The camera

- ❶ WB
- ❷ Freeze

1920x1080p, 2,100,000 pixels, 1080 lines, SONY CMOS HD camera.

USB Port
video capture

15 inch
Medical monitor

REC

video capture

Operation button

LED Cold Light
Source Indicator

Portable Host Integration

Switch

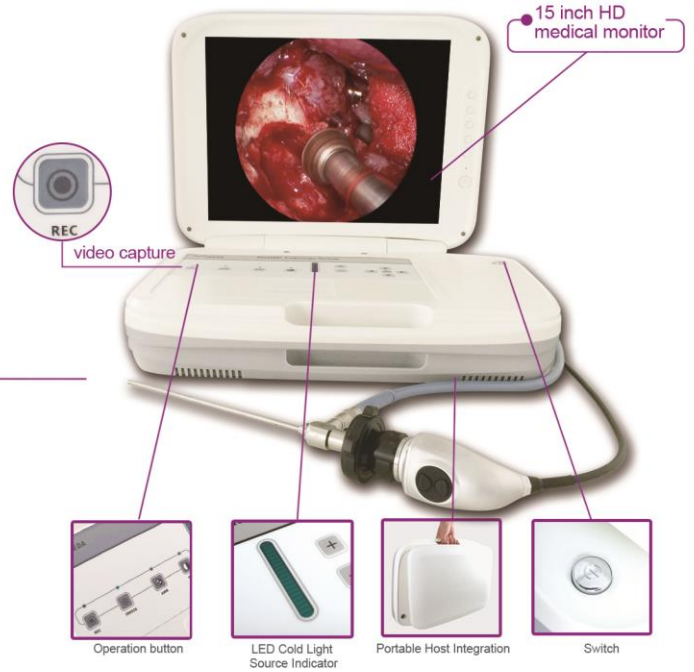| Product Model	YKD-9003
Camera	1/2.8 inch SONY CMOS HD Camera
Pixel	2,100,000 pixels
Image size(Horizontal×Vertical)	1920×1080p
Scanning system	Progressive Scanning
Frame rate	(1920×1080)60p
SNR	≥50dB
Video output	By "HDMI×3,CVBS" Video output
Horizon resolution	1080 Lines
Light source	Buit-in 35W LED cold light source
Monitor	15 inch LCD medical monitor
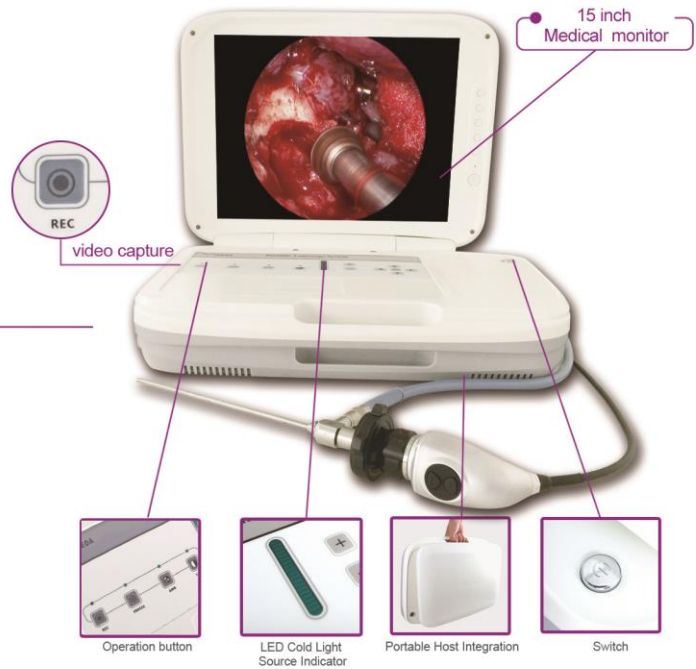
YKD-9003 HD Endoscope Camera		
Product Model	15" monitor	USB Video Recording Function
YKD-9003-A1	HD monitor	Optional
YKD-9003-A2	LCD monitor	Optional

Light Source Interface

35W LED cold light source.

Data Connection

① Power Input
② DVI Out
③ CVBS Out
④ HDMI Out

The camera

① WB
② Freeze

1920x1080p, 2,100,000 pixels,
1080 lines, SONY CMOS HD camera.

USB port

Could insert into USB flash
disk for HD video capture

15 inch HD
medical monitor

REC
video capture

Operation button

LED Cold Light
Source Indicator

Portable Host Integration

Switch

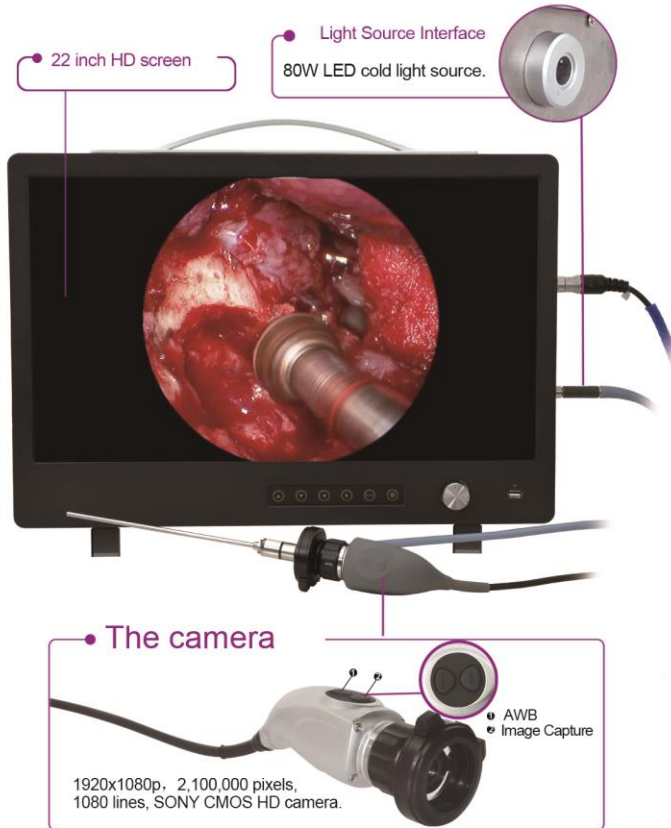| Product Model	YKD-9003-A1-2
Camera	1/2.8 inch SONY CMOS HD Camera
Pixel	2,100,000 pixels
Image size(Horizontal×Vertical)	1920×1080p
Scanning system	Progressive Scanning
Frame rate	(1920×1080)60p
SNR	≥50dB
Video output	By "DVI,CVBS,HDMI" Video output
Horizon resolution	1080 Lines
Light source	Buit-in 35W LED cold light source
Monitor	15 inch HD medical monitor

Light Source Interface
35W LED cold light source.

Data Connection

1. Power Input
2. DVI Out
3. SDI 1 Out
4. SDI 2 Out
5. CVBS Out
6. Y/C Out

The camera

- WB
- Freeze

1920x1080p, 2,100,000 pixels,
1080 lines, 1/2.8x3 SONY CMOS HD camera.

15 inch HD medical monitor

Operation button

LED Cold Light Source indicator

Portable Host Integration

Switch
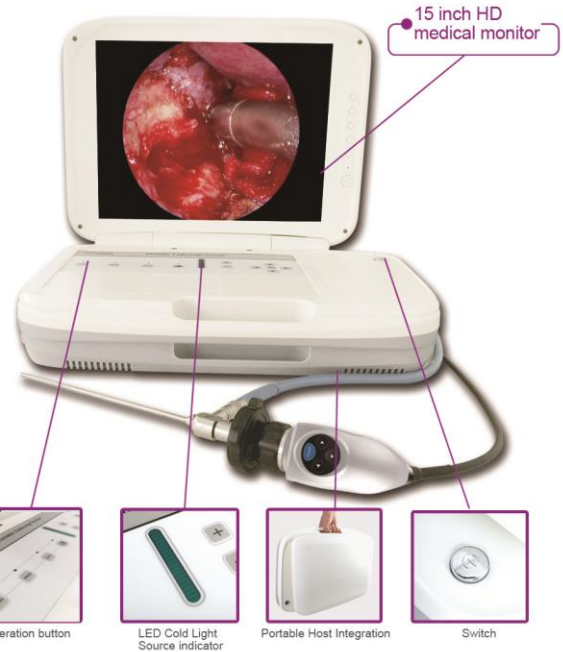
Product Model	YKD-9003-C
Camera	1/2.8 inch SONY CMOS HD Camera
Pixel	2,100,000 pixels
Image size(Horizontal×Vertical)	1920×1080p
Scanning system	Progressive Scanning
Frame rate	(1920×1080)60p
SNR	≥50dB
Video output	By "DVI,SDI1,SDI2,CVBS,Y/C" Video output
Horizon resolution	1080 Lines
Light source	Buit-in 35W LED cold light source
Monitor	15 inch HD medical Monitor

22 inch HD screen

Light Source Interface

80W LED cold light source.

USB Recorder

The camera

1920x1080p, 2,100,000 pixels,
1080 lines, SONY CMOS HD camera.

AWB
Image Capture
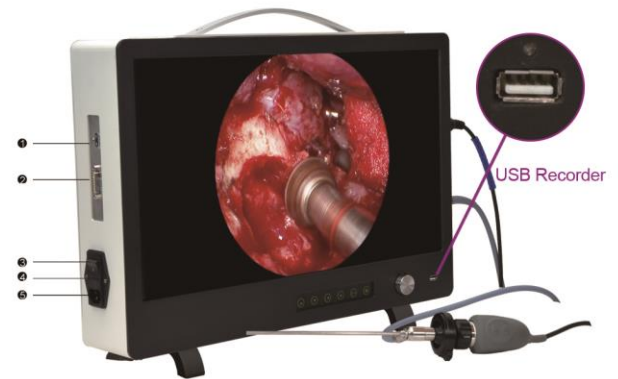
Data Connection

- HDMI Out
- DVI Out
- Power SW
- Fuse
- Power Input

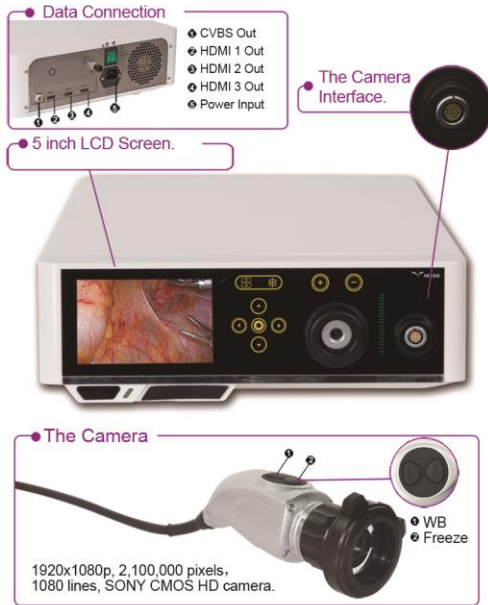| Product Model	YKD-9119/YKD-9121/YKD-9124
Camera	1/2.8 inch SONY CMOS HD Camera
Pixel	2,100,000 pixels
Image size(Horizontal×Vertical)	1920×1080p
Scanning system	Progressive Scanning
Frame rate	(1920×1080)60p
SNR	≥50dB
Video output	By "HDMI，DVI" Video output
Horizon resolution	1080 Lines
Light source	Buit-in 80W LED cold light source
Screen	19/22/24 inch HD screen

YKD-9001-A2 HD Endoscope Camera

Data Connection

❶ CVBS Out
❷ HDMI 1 Out
❸ HDMI 2 Out
❹ HDMI 3 Out
❺ Power Input

The Camera Interface.

CAMERA IN

3.5 inch LCD Screen.

The Camera

❶ WB
❷ Freeze

1920x1080p, 2,100,000 pixels，
1080 lines, SONY CMOS HD camera.

Product Model	YKD-9001-A2
Camera	1/2.8 inch SONY CMOS HD Camera
Pixel	2,100,000 pixels
Image size(Horizontal×Vertical)	1920×1080p
Scanning system	Progressive Scanning
Frame rate	(1920×1080)60p
SNR	≥50dB
Video output	By "HDMI×3,CVBS" Video output
Horizon resolution	1080 Lines
Monitor	3.5 inch LCD medical Monitor
Light source	Buit-in 80W LED cold light source

YKD-9002-A2 Full HD Endoscope Camera

Data Connection

❶ CVBS Out
❷ HDMI 1 Out
❸ HDMI 2 Out
❹ HDMI 3 Out
❺ Power Input

The Camera Interface.

CAMERA IN

3.5 inch LCD Screen.

The Camera

❶ WB
❷ Freeze

1920x1080p, 2,100,000 pixels，
1080 lines, SONY CMOS HD camera.

Product Model	YKD-9002-A2
Camera	1/2.8 inch SONY CMOS HD Camera
Pixel	2,100,000 pixels
Image size(Horizontal×Vertical)	1920×1080p
Scanning system	Progressive Scanning
Frame rate	(1920×1080)60p
SNR	≥50dB
Video output	By "HDMI×3,CVBS" Video output
Horizon resolution	1080 Lines
Monitor	3.5 inch LCD medical Monitor

YKD-9006-A2 Full HD Endoscope Camera

- Data Connection
  - ❶ CVBS Out
  - ❷ HDMI 1 Out
  - ❸ HDMI 2 Out
  - ❹ HDMI 3 Out
  - ❺ Power Input
- The Camera Interface.
- 5 inch LCD Screen.
- The Camera
  - ❶ WB
  - ❷ Freeze

1920x1080p, 2,100,000 pixels,
1080 lines, SONY CMOS HD camera.

Product Model	YKD-9006-A2
Camera	1/2.8 inch SONY CMOS HD Camera
Pixel	2,100,000 pixels
Image size(Horizontal×Vertical)	1920×1080p
Scanning system	Progressive Scanning
Frame rate	(1920×1080)60p
SNR	≥50dB
Video output	By "HDMI×3,CVBS" Video output
Horizon resolution	1080 Lines
Monitor	5 inch LCD medical Monitor
Light source	Buit-in 80W LED cold light source

YKD-9007-A2 Full HD Endoscope Camera

- Data Connection
  - ❶ CVBS Out
  - ❷ HDMI 1 Out
  - ❸ HDMI 2 Out
  - ❹ HDMI 3 Out
  - ❺ Power Input
- The Camera Interface.
- 5 inch LCD Screen.
- The Camera
  - ❶ WB
  - ❷ Freeze

1920x1080p, 2,100,000 pixels,
1080 lines, SONY CMOS HD camera.

Product Model	YKD-9007-A2
Camera	1/2.8 inch SONY CMOS HD Camera
Pixel	2,100,000 pixels
Image size(Horizontal×Vertical)	1920×1080p
Scanning system	Progressive Scanning
Frame rate	(1920×1080)60p
SNR	≥50dB
Video output	By "HDMI×3,CVBS" Video output
Horizon resolution	1080 Lines
Monitor	5 inch medical Monitor

YKD-9004 LED Cold Light Source

Light Source Interface

80W LED cold light source.
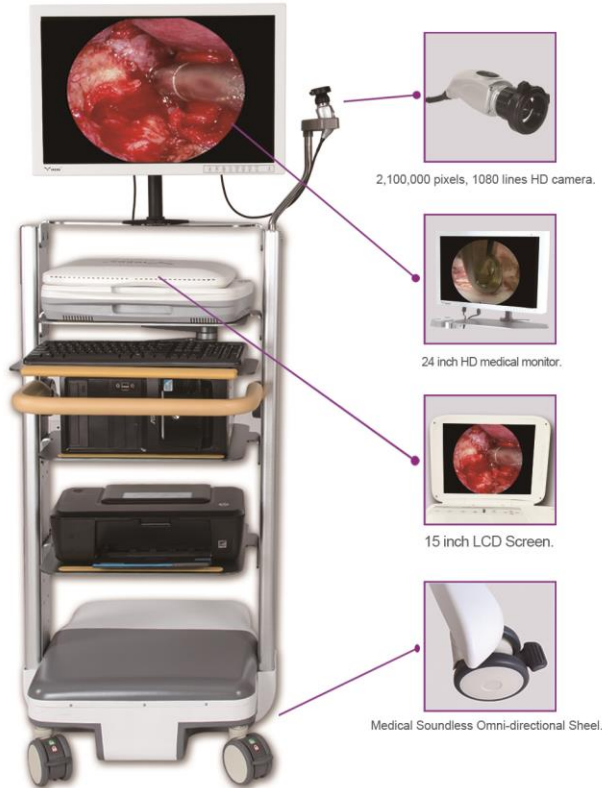
80W Pure Source Parameters

- LED light source module, adopt advanced LED solid illumination technology, precise optical design thermal dissipation system, transfer even super bright light via optic fiber.

Product Features

Low power consumption, high bright light, long working hour, various function connection.

Programme	Technical data	Programme	Technical data
LED consumption	80W	Color temperature	6500k-7300k
Luminous lux	2000lm	application	Endoscope(rigid scope)
Best match optical fiber	Φ5mm,NA>0.6	coloration index	70
Luminous lux(Best match optical fiber)	800lm	spectral range	400nm-700nm
Illumination(Best match optical fiber)	400,000lux	Luminance adjustment	10%-100%Adjustable continuously

YKD-9005 LED Cold Light Source

Light Source Interface

80W LED cold light source.

80W Pure Source Parameters

- LED light source module, adopt advanced LED solid illumination technology, precise optical design thermal dissipation system, transfer even super bright light via optic fiber.
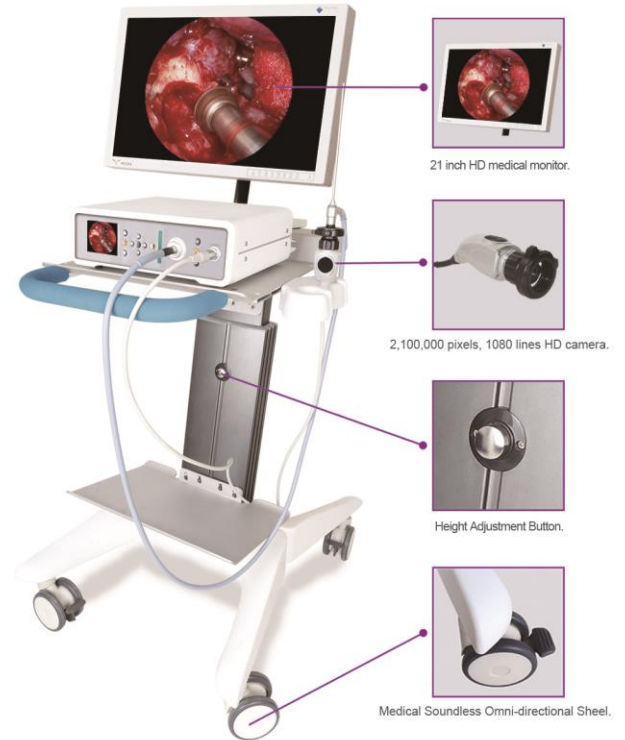
Product Features

Low power consumption, high bright light, long working hour, various function connection.

Programme	Technical data	Programme	Technical data
LED consumption	80W	Color temperature	6500k-7300k
Luminous lux	2000lm	application	Endoscope(rigid scope)
Best match optical fiber	Φ5mm,NA>0.6	coloration index	70
Luminous lux(Best match optical fiber)	800lm	spectral range	400nm-700nm
Illumination(Best match optical fiber)	400,000lux	Luminance adjustment	10%-100%Adjustable continuously

2,100,000 pixels, 1080 lines HD camera.

24 inch HD medical monitor.

15 inch LCD Screen.

Medical Soundless Omni-directional Sheel.

21 inch HD medical monitor.

2,100,000 pixels, 1080 lines HD camera.

Height Adjustment Button.

Medical Soundless Omni-directional Sheel.

24 inch HD medical monitor.

2,100,000 pixels, 1080 lines HD camera.

CAMERA IN

HD CAMERA

LED Cold Light Source

Medical Soundless Omni-directional Sheel.

1
2
4
3
5

Features of YKD-3000 series Digital Electronic Colposcope

1. Domestic first launch of camera is with built-in SD card, could capture, recording and playback.

2. Domestic first launch of camera adopts 5 bulbs high-stability LED light source, using specific uniform light technology to decrease reflection of light, with longer service life and better color reproduction.

3. Camera bracket and camera use the integration design, with bracket specific height optional positioning function, more convenient to operate.

4. Full HD 1920*1080P image & video output, make more clear, real, and accurate in clinical examination.

5. Camera could match and connect with 2.4G wireless remote control.

6. Trolley with update function.

7. Colposcope software is compatible with Hospital PACS System.
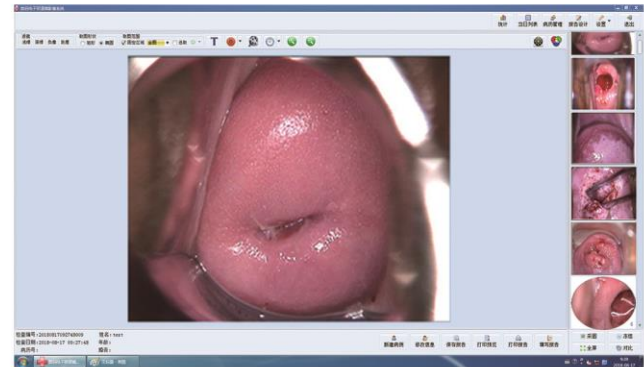
Software Features

- Easy to operate.
- Storage and reterieval of patient information.
- Can capture images, video and play, can capture image from videos.
- Video Image Enhancemen, support image cropping,video text covering.
- Comparative analysis of multiple images.
- Image annotation,RCI score, acetic acid reaction time on the report.
- Report output format diversification, Report can be previewed and designed.
- A Rich system template library can be edited and modified.
- Support image processing and image measurement.
- Case management function, can check and export patient information.
- Colposcope software is compatible with PACS system.

Infrared Breast Inspection Equipment

Features of YKD-1000 series Infrared Breast Inspection Equipment

1. Domestic first launch of infrared breast camera with the function of image zoom in and out, auto-focus.
2. Domestic first launch of infrared probe can control camera image zoom in and out, and directions of automatic platform, with the function of image acquisition.
3. Domestic first launch of infrared probe adopts 3 bulbs high-power LED light source, with more even l light source and stronger penetration.
4. Domestic first launch of infrared probe passes the human biology test report.
5. Domestic first manufacturer launches full HD 1080P infrared breast examination system.
6. Resolution of the camera passes the 800lines test of Jiangsu Province Medical Instrument Testing Institute.
7. Trolley with update function.
8. Infrared breast examination software is with Hospital PACS System.

Infrared Camera

Infrared probe can directlycontrol directions of automatic platform and images zoom in and zoom out.

Combination of infrared camera with 3.5 inch remote controller enables us to obtain national application patent.

Optic 27 times zoom in,automatic focusing,adopt new filtering technology,no need operate in darkroom

Infrared Probe

1. Power supply
2. Capture images
3. Intensity Light,Dim Light
4. Control movement direction of automatic platform
5. Image zoom in and zoom out
6. Three high power laser tube enable it has wider touching examination section,stronger penetration,longer working houe 100000h

Infrared Breast Inspection Equipment Software Introduction

Software Features

- Easy to operate.
- Storage and retrieval of patient information.
- Can capture images,video,audio.
- Report shows biopsy tissue.
- Can be made into a DVD or CD.
- Easy data export or copy.
- Report output format diversification.

YKD-3001 Digital Electronic Colposcope

● Parameter Introduction

Product model	YKD–3001
Camera	1/2.8" SONY CMOS / 1/3" Progressive CMOS
Total Pixels	2,100,000 Pixels
Image Size (horizontal*Vertical)	1920*1080p
Scanning System	Progressive Scanning
Frame Rate	(1920x1080)60P
SNR	≥50dB
Video Output	Y/Cb/Cr 4:2:2 output through SDI video signal
Horizon Resolution	≥1080 Lines

YKD-3002 Digital Electronic Colposcope

● Parameter Introduction

Product model	YKD–3002
Camera	1/3" Progressive CMOS
Total Pixels	2,100,000 Pixels
Image Size (horizontal*Vertical)	1920*1080p
Scanning System	Progressive Scanning
Frame Rate	(1920x1080)60P
Light Source	Imported high brightness white LED circular cold light source
SNR	≥50dB
Video Output	SDI or HDMI, CVBS
Horizon Resolution	≥1080 Lines

YKD-3003 Digital Electronic Colposcope

● Parameter Introduction

Product model	YKD–3003	
Camera	1/3" Progressive CMOS	1/4" SONY CCD
Total Pixels	2,100,000 Pixels	800,000 Pixels
Image Size (horizontal*Vertical)	1920*1080	720*576
Scanning System	Progressive Scanning	
Frame Rate	(1920x1080)60p	(720x576)50p
Light Source	Imported high brightness white LED circular cold light source	
SNR	≥50dB	
Video Output	SDI or HDMI,CVBS	"CVBS:1.0V-p(75),Y/C"
Horizon Resolution	≥1080 Line	≥600 Line

YKD-3004 Digital Electronic Colposcope

● Parameter Introduction

Product model	YKD–3004
Camera	1/4" SONY CCD
Total Pixels	800,000 Pixels
Image Size (horizontal*Vertical)	720*576
Scanning System	Progressive Scanning
Frame Rate	(720x576)50p
Light Source	Imported high brightness white LED circular cold light source
SNR	≥50dB
Video Output	"CVBS: 1.0Vp-p(75),Y/C"
Horizon Resolution	≥600 Lines

YKD-1001 Full HD Infrared Breast Inspection Equipment

YKD-1002 Infrared Breast Inspection Equipment

● Parameter Introduction

Product model	YKD-1001
Camera	1/2.8" SONY CMOS / 1/3" Progressive CMOS
Total Pixels	2,100,000 Pixels
Image Size (horizontal*Vertical)	1920*1080p
Scanning System	Progressive Scanning
Frame Rate	(1920x1080)60P
SNR	≥50dB
Video Output	Y/Cb/Cr 4:2:2 output through SDI video signal
Horizon Resolution	≥1080 Lines

● Parameter Introduction

Product model	YKD-1002
Camera	1/3" Progressive CMOS
Total Pixels	2,100,000 Pixels
Image Size (horizontal*Vertical)	1920*1080p
Scanning System	Progressive Scanning
Frame Rate	(1920x1080)60P
Light Source	Imported high brightness white LED circular cold light source
SNR	≥50dB
Video Output	SDI or HDMI, CVBS
Horizon Resolution	≥1080 Lines

● Parameter Introduction

Product model	YKD-1003
Camera	1/4" SONY CCD
Total Pixels	440,000 pixels
Image Size (horizontal*Vertical)	720*576 i
Scanning System	Interlaced Scanning
Frame Rate	(720x576)50i
Video Output	CVBS:1.0Vp-p(75),Y/C
Horizon Resolution	≥600 Lines

● Parameter Introduction

Product model	YKD-1004
Camera	1/4" SONY CCD
Total Pixels	440,000 pixels
Image Size (horizontal*Vertical)	720*576 i
Scanning System	Interlaced Scanning
Frame Rate	(720x576)50i
Video Output	CVBS:1.0Vp-p(75),Y/C
Horizon Resolution	≥600 Lines

YKD-2001 Multifunction Medical Trolley

Monitor Stander

Height Adjustment Button

Full Injection Molding Base
(ABS material)

Medical Soundless
Omni-directional Wheel

YKD-2002 Medical Trolley

- Well combination and changeability, could be combined by option according to functional needs.

- Strong metal plate structure, make trolley firmer and more durable.

- Easy assembly, small packing volume, convenient to transport.

- The pallet height is adjustable.