HAIYE

HYHJ-KC
Reusable
## Video Laryngoscope

Application

It is provided for clinical use to provoke the patient's epiglottis to expose the glottis, and to guide medical staff to perform tracheal intubation and implement mechanical ventilation.

Suitable for anesthesia departments, ICU,

Feature and Configuration

The host display and camera parts are connected by plug and pull mode, which is efficient, strong and beautiful. The product can be used with 6 different specifications of blades can be reused after disinfection, its specifications are Miller 0, Miller 1, Mac 2, Mac 3, Mac 4, D-blade, can be applied to all people.

3.5 inch
(touch screen)

Miller 0   Miller 1

Mac 2   Mac 3   Mac 4   D-blade
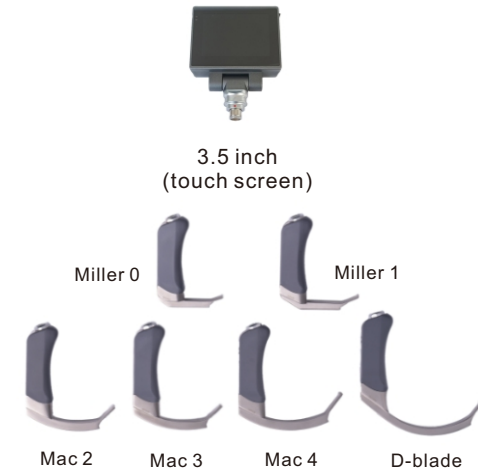
Parameter

Monitor	3" LCD display / 3.5" color touch screen display
Camera	pixel: ≥3million; light illuminance: ≥3000 lux
Battery	battery life: ≥4h; charging time: ≤5h; capacity: 3400mAh
Interface Function	HDMI,Type-C;Photo,video,freeze,playback,store and export data

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HAIYE

HYHJ-1320
Disposable
Video Laryngoscope

Application

It is provided for clinical use to provoke the patient's epiglottis to expose the glottis, and to guide medical staff to perform tracheal intubation and implement mechanical ventilation.

Suitable for anesthesia departments, ICU, pediatrics, emergency centers, ambulances, etc. in medical institutions.

Feature and Configuration

The product adopts the structural design combining stainless steel and polymer material, with light weight, high strength, full functions, long life; the product is equipped with camera of 2 million pixels, 3" color display screen, standard with three specifications of camera system, corresponding to three specifications of disposable laryngoscopes blades, can be applied to all people.

T3
T2
T1

Camera system

Single-use laryngoscope blade

Parameter

Monitor	3" color display
Camera	Pixel: ≥2 million: illuminance: ≥3000 lux
Battery	Battery life:≥6h; charging time:≤4h;capacity:3400mAh
Function	Take pictures, video, freeze, store and export data
Storage	-40℃~70℃ ambient temperature
Humidity	≤93% rh

HAIYE

HYHJ-1330
Disposable
Video laryngoscope
/HYHJ-1330 I, HYHJ-1330 II, HYHJ-1330 III/

Application

It is provided for clinical use to provoke the patient's epiglottis to expose the glottis, and to guide medical staff to perform tracheal intubation and implement mechanical ventilation.

Suitable for anesthesia departments, ICU, pediatrics, emergency centers, ambulances, etc. in medical institutions.

Feature and Configuration

This product has a simple and durable structure, and is designed as an all-in-one machine with one specification, applicable to Adults, children, newborns; corresponding to 3 kinds of disposable laryngoscope blade, can be applied to all people.

HYHJ-1330 I	HYHJ-1330 II	HYHJ-1330 III
T1	T2	T3

Parameter

Monitor	3" color display
Camera	Pixel: ≥2 million: illuminance: ≥3000 lux
Battery	Battery life:≥6h; charging time:≤4h;capacity:3400mAh
Function	Take pictures, video, freeze, store and export data
Storage	-40℃~70℃ ambient temperature
Humidity	≤93% rh

HAIYE

HYHJ-KM
Disposable
Video Laryngoscope
/HYHJ-KM3C, HYHJ-KM5C/

Application

It is provided for clinical use to provoke the patient's epiglottis to expose the glottis, and to guide medical staff to perform tracheal intubation and implement mechanical ventilation.

Suitable for anesthesia departments, ICU, pediatrics, emergency centers, ambulances, etc. in medical institutions.

Feature and Configuration

This product is divided into two models: HYHJ-KM3C and HYHJ-KM5C, has a total of 8 types of disposable laryngoscope blades (Miller00, Miller0,Miller1, Mac1, Mac2, Mac3, Mac4,Mac5), can be applied to all people.

Single-use laryngoscope blade

Mac 1

Mac 2

Mac 3

Mac 4

Mac 5

Miller 00

Miller 0

Miller 1

Parameter

Monitor	3.5" color touch screen display
Camera	pixel:≥3million; light illuminance:≥3000 lux
Battery	battery life:≥4h;charging time:≤5h;capacity:3400mAh
Interface Function	HDMI,Type-C;Photo,video,freeze,playback,store and export data
Storage	-40℃～70℃ ambient temperature
Humidity	≤93% rh

HAIYE

HYHJ-KP
Disposable
Video Laryngoscope
/HYHJ-KP3C, HYHJ-KP5C/

Application

For clinical picking up the patient's epiglottis to expose the vocal folds, guiding the medical staff to extubate under visual circumstances and implement mechanical ventilation.

Suitable for anesthesiology, ICU, pediatrics, emergency centers, ambulances, etc.

Feature and Configuration

The monitor and camera parts of the product adopt plug-and-play connection mode, which is highly efficient, sturdy and beautiful; The product is divided into HYHJ-KP3C and HYHJ-KP5C two models, respectively corresponding to Miller00, Miller0, Miller1 and Mac1, Mac2, Mac3, Mac4, Mac5, there are 8 kinds of disposable laryngoscope blades, can be applied to all people.

Single-use laryngoscope blade

Mac 1   Miller 00

Mac 2

Mac 3   Miller 0

Mac 4

Mac 5   Miller 1

Parameter

Monitor	3.5" color touch screen display
Camera	pixel:≥3million; light illuminance:≥3000 lux
Battery	battery life:≥4h; charging time:≤5h; capacity:3400mAh
Interface Function	HDMI,Type-C;Photo,video,freeze,playback,store and export data
Storage	-40℃～70℃ ambient temperature
Humidity	≤93% rh

HAIYE

HP Series
Reusable Anesthesia
Fiber Optic Laryngoscope
HP-W/HP-Z

Application

It is used clinically to provoke the patient's epiglottis to expose the glottis, and to guide medical staff to perform tracheal intubation and mechanical ventilation.

Suitable for anesthesia departments, ICU, pediatrics, emergency centers, ambulances, etc. in medical institutions.

Feature

This product is divided into two series, HP-W and HP-Z,corresponding to adults and children respectively, Using high brightness LED cold light bulb, 4mm fiber bundle, high brightness, wide vision, built-in fiber optic design to avoid breakage and wear, convenient for cleaning and disinfection, and extend the service life; The laryngoscope blade is made of stainless steel and cast in one piece, which is made in one-step forming, using a three-point fixing method.
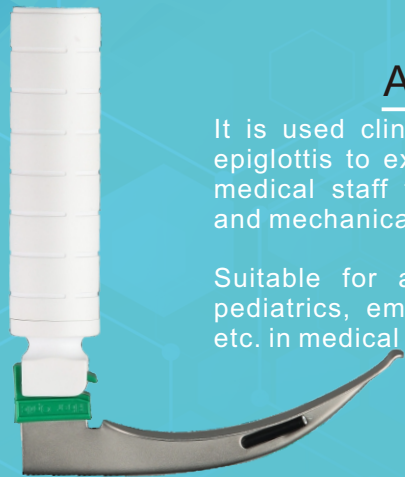
HP-W1   HP-W2   HP-W3   HP-Z1   HP-Z2   HP-Z3

Parameter

Model of laryngoscope blade	Shape of laryngoscope blade	Size of laryngoscope blade	Applicable user
HP-W1	Curved	155*15 mm	Adult
HP-W2	Curved	134*14.2 mm	Adult
HP-W3	Curved	114*14 mm	Adult
HP-Z1	Curved	93*10.9 mm	Pediatric
HP-Z2	Straight	80*9.4 mm	Pediatric
HP-Z3	Straight	68*10.7 mm	Pediatric

HAIYE

HP-Y
Single-use Anesthesia Fiber Optic Laryngoscope

Application

It is used clinically to provoke the patient's epiglottis to expose the glottis, and to guide medical staff to perform tracheal intubation and mechanical ventilation.

Suitable for anesthesia departments, ICU, pediatrics, emergency centers, ambulances, etc. in medical institutions.

Feature and Configuration

The entire product is packaged in sterile packaging and is for one-time use, requiring no cleaning or disinfection; The laryngoscope blade is made of stainless steel and is available in 6 specifications, which can meet the needs of different groups of people; The handle has a built-in high-brightness LED cold light source bulb, which is transmitted to the front end through the optical fiber bundle on the laryngoscope blade. High brightness, wide field of view.
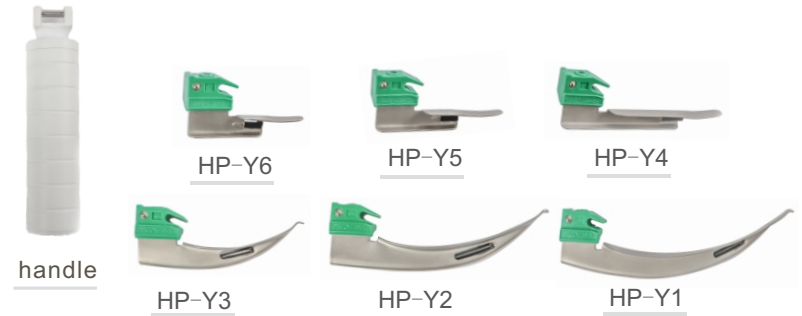
handle

HP-Y6   HP-Y5   HP-Y4

HP-Y3   HP-Y2   HP-Y1

Parameter

Model of laryngoscope blade	Shape of laryngoscope blade	Size of laryngoscope blade	Applicable user
Y1	Curved	153*13. 8 mm	Adult
Y2	Curved	132*14. 8 mm	Adult
Y3	Curved	100*13. 8 mm	Adult
Y4	Straight	101.7*9.7 mm	Pediatric
Y5	Straight	80*10. 2 mm	Pediatric
Y6	Straight	67*10. 5 mm	Pediatric

HAIYE

HG5.2
Video Stylet

Application

It is provided for clinical use to provoke the patient's epiglottis to expose the glottis, and to guide medical staff to perform tracheal intubation and implement mechanical ventilation.
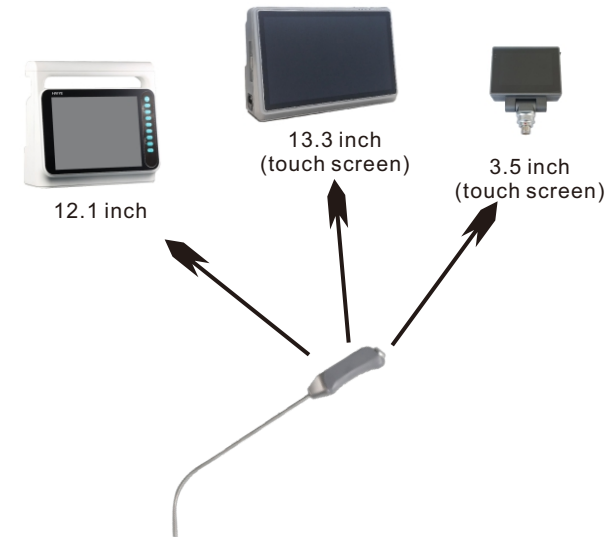
Suitable for anesthesia departments, ICU, pediatrics, emergency centers, ambulances, etc. in medical institutions

Features and Configuration

Product structure: handle and insertion part

This product can be used with 3.5" touch screen display or 12.1" (non-touch), 13.3" big touch screen monitor.

13.3 inch
(touch screen)

3.5 inch
(touch screen)

12.1 inch

Field angle	70°±9°
Feild depth	3～100mm
Size	diameter 5.2±0.1mm, length 400±10mm, bending angle 110°±10°
Camera	2 million pixels; resolution ≥7.13lp/mm
Illumination	≥3000lx
Function	connect to 3.5", 12.1" or 13.3" display, one-click photo and video

HAIYE

HY-ZQ series
Electronic Bronchoscope

/HY-ZQ2.0, HY-ZQ2.8, HY-ZQ4.5, HY-ZQ5.8/

Usage

Used in conjunction with the electronic endoscope image processor produced by our company, it is used by medical units to provide the necessary images for observation, diagnosis, photography and treatment of the trachea and bronchi of adults and children over 3 months old. Product structure: The product is mainly composed of bending part, inserting part, operation part, conical sheath and video connection line.

Feature and Configuration

Product production adheres to the spirit of craftsmanship, using sufficient materials and fine workmanship, and using a smaller outer diameter to achieve a larger instrument channel;

Product structure: 3 sizes monitors are optional, 3.5 inch, 12.1 inch and 13.3 inch are touchable screen, the tip part, the operating part and the insertion part; The products are divided into 4 specifications: HY-ZQ2.0, HY-ZQ2.8,HY-ZQ4.5 and HY-ZQ5.8.

3.5 inch
touch screen
image processor

13.3 inch
touch screen
image processor

12.1 inch
non-touch
image processor

Parameter

Field angle	120°, tolerance ±10%
Feild depth	3mm~150mm
Rotation	up 0° to 180°, down 0° to 130°, tolerance ±10%
Working time	≥240 mins
Instrument channel	1.2mm~3.0mm（≥Ø1.0mm, HY-ZQ2.0 not compatible）
Length of insert part	600mm,tolerance ±5%

HAIYE

HY-YM2.8

Single-use Flexible Electronic Ureteroscope

HY-YM2.8A,HY-YM2.8B

Application

Used in conjunction with the electronic endoscope image processor produced by our company, it can be inserted into the urethra and renal pelvis through the urethra for observation, diagnosis, photography and treatment of the urethra and renal pelvis.

Configuration

The product is a disposable handheld flexible electronic endoscope consisting of an electronic ureteropyeloscope, aa perfusion plug and an optional accessory waterproof cover.

Parameter

Field angle	120°, tolerance ±15%
Feild depth	3～50mm
Rotation	up/down 270°, tolerance ±15%
OD of insert part	2.8mm
ID of insert part	≥1.0mm
Length of insert part	700mm

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HYHJ-KX Series

Disposable Visual Laryngoscope

Models:
HYHJ-KX00a, HYHJ-KX00b
HYHJ-KX0a, HYHJ-KX0b
HYHJ-KX1a, HYHJ-KX1b
HYHJ-KX2a, HYHJ-KX2b
HYHJ-KX3a, HYHJ-KX3b
HYHJ-KX4a, HYHJ-KX4b

Application

For clinical provocation of the patient's epiglottis to expose the vocal folds, guiding healthcare professionals to extubate and implement mechanical ventilation under visualization.

Applicable to the anesthesiology department, ICU, pediatrics department of medical institutions, emergency center, ambulance, etc.

Feature

The product is aseptically packaged for single use, minimizing the risk of cross infection.

The product is available in 6 sizes, and work with our video processors, it can be used by most people, from pediatric to adult.

Separate cable
and laryngoscope blade

one piece
(cable and laryngoscope blade)

Parameter

Monitor	12.1" (non-touch) or 13.3 " touch screen (purchase separately)
Camera	one million pixels
Function	Take picture, record, freeze, playback, store and export data
Storage	ambient environment -40℃～70℃
Humidity	≤93% rh

HAIYE

SH-X13K
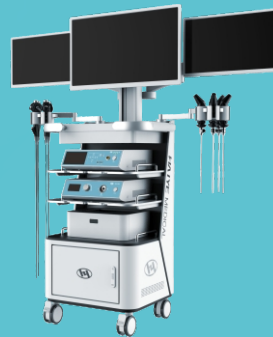### Endoscope Camera System (HD4K)
SH-X13
Endoscope Camera System (1080P)

Application

This product is a medical institution in the endoscopic diagnosis or treatment, need to be connected to the endoscope in advance, the endoscope observed by the human body cavity of the field of view area through the product for image acquisition, processing, storage and transmission to the monitor, and can provide endoscopic light source for the endoscope.

Camera Parameter

Sensor	SONYCMOS
Resolution	4K/1080P
Freeze white balance	support
Digital amplification Brightness	0-8x, 1-30 steps
Endoscope	Otorhinolaryngoscopy/Laparoscopy/Cystoscopy/Hysteroscopy/ Arthroscopy/Intervertebral Fiberoptic Surgery/Fiberscope
Language	English, Japanese, Chinese (Simplified), Chinese (Traditional), Korean
Working temperature	0°C~40°C

Image System Parameter

Output interface	HDMI/DVIVGA/SDI/CVBS
Input signal	4K、1080P
Power	AC110V~240V
USB flash disk	USB2.0/USB3.0 (Up to 32G), Video and photo
Shortcut key	Freeze/White balance/Digital zoom
Control board	Control mother board menu and shortcut keys via RX/TX

Configuration

Standard imaging system host and camera, as well as power adapter, etc.

Optional accessories: trolley, medical monitor, endoscope cold light source, printer, computer and related software, etc.

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SH-XG15K
### Endoscope Camera System (HD4K)
SH-XG15
Endoscope Camera System (1080P)

Application

It is used for medical institutions to connect the endoscope to the product during endoscopic diagnosis or treatment, and the area observed by the endoscope can be captured, processed, stored and transmitted to the monitor through the product, and at the same time provide lighting for the endoscope.
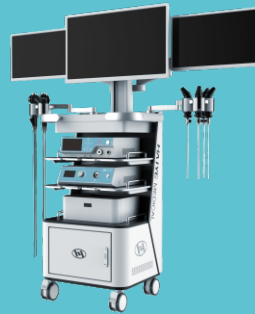
Standard imaging system host and camera, as well as power adapters.
Optional accessories: trolley, medical monitor, printers, computers and related software, etc

Camera Parameter

Sensor	SONYCMOS
Resolution	4K,1080P
Freeze white balance	support
Digital amplification brightness	0-8x,1-30 steps
Endoscope mode	Otorhinoscopy/laparoscopy/cystoscopy/hysteroscopy/arthroscopy/foraminoscopy/fiberscopy
Language	English, Japanese, Chinese (Simplified), Chinese (Traditional), Korean

Imaging System Parameter

Output interface	HDMI/DVIVGA/SDI/CVBS
Input signal	4K,1080P
Power	AC110V~240V
USB flash disk	USB2.0/USB3.0 (Up to 32GB) Video and photo
Shortcut key	Freeze/White Balance/Digital Zoom
Control board	Control motherboard menu and shortcut keys via RX/TX

Light Source Parameter

Light source type	LED
Rated power	60W
Color temperature	4500-6500K
Brightness adjustment	Support
Light emitting area	3.8mm
Lifetime	3000h

HAIYE

SH-20A
Medical Endoscopic Cold Light Source

Application

This product is a light source for endoscopes in medical institutions when using endoscopic camera systems.

Configuration

> Strong magnetic anti-interference, stable light output
> 30,000 hours of service life = 5 years
> 120W high brightness, high power consumption lamp beads
> 5800k-6500k color temperature=natural light
> 80/92 color rendering index = high reproduction degree
> 0-100 digital display = more intuitive
> Knob adjustment=convenient
> High temperature resistant fiber optic, long time corrosion resistance.

Parameter

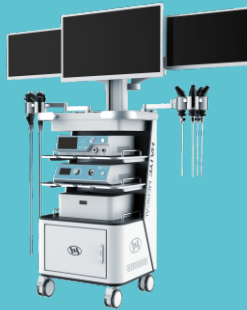|	
Rated power	120W
Luminous flux	800 lm
Color temperature	4500-6500K
Brightness adjustment	0-100
Luminous area	7.7mm
Color rendering index	92
Maximum current	0. 8A
Power	AC110-240V
Size	L336mm*W330mm*H116mm
Weight	5. 5 kg
Temperature	0°-40° working environment
Bulb lifetime	30000h

HAIYE

SH-RY22
Endoscopic Camera System

Application

This product is used by medical institutions for endoscopic diagnosis or treatment. The endoscope needs to be connected to it in advance, and the field of view of the human body cavity observed by the endoscope is collected, processed, stored and transmitted through this product to the monitor and can provide an illumination source for the endoscope.

Camera Parameter

Sensor	SONYCMOS
Output signal	1080P
Function	Freeze, white balance, digital zoom
Magnification	0-8x
Endoscope mode	Otorhinolaryngoscopy/Laparoscopy/Cystoscopy/Hysteroscopy/ Arthroscopy/Intervertebral Fiberoptic Surgery/Fiberoptic Surgery
Language	English, Japanese, Chinese (Simplified), Chinese (Traditional), Korean

Imaging System Parameter

Input signal	1080P
Output interface	HDMI/DVIVGA/SDI/CVBS
USB flash disk	USB2.0/USB3.0 (Up to 32GB) Photo,Video
Shortcut functions	Freeze/White Balance/Digital Zoom
Power	AC110V~240V
Size	L336mm*W330mm*H116mm
Temperature	0°C~40°C(working environment)

Configuration

The product is a flexible and rigid endoscope all-in-one design, multi-purpose.The imaging system host and camera, as well as the power adapter, etc. are equipped as standard.

Optional accessories: cart, medical monitor, printer, computer and related software, etc.

HAIYE

SH-HD3,HD4
Endoscope Image Processor

Application

It is suitable for medical institutions to connect with our endoscopes during clinical diagnosis or treatment to collect, process, data store and transfer the images of the human body cavity field of view observed by the endoscope, and transmit them to the display for output. The endoscope provides power for the user of the processor for related endoscopic surgeries; and can provide an illumination source for the endoscope.

Feature

The product has complete functions, stable performance, and powerfulimage processing capabilities; such as photography, video recording, storage, playback, picture enlargement/reduction, white balance, etc. It has a built-in LED cold light source and multiple interfaces that can be seamlessly connected with our products.

Parameter

Built-in display	7",1024*600
Compatible models	Video laryngoscope, bronchoscope, disposable ureteroscope, etc
Video output	DVI, HDMI, USB
Function	Take pictures, record, freeze, play back, zoom, white balance, etc
Light source	Built-in cold light source
Size	374mm×340mm×123mm，tolerances±5%
Working temperature	5℃～40℃
Working power	Voltage: a.c.220V; Frequency: 50Hz; Input power: 30VA
Optional	Trolley, printer, computer, keyboard, etc

HAIYE

HYC01A
Multifuntional Airway Trolley
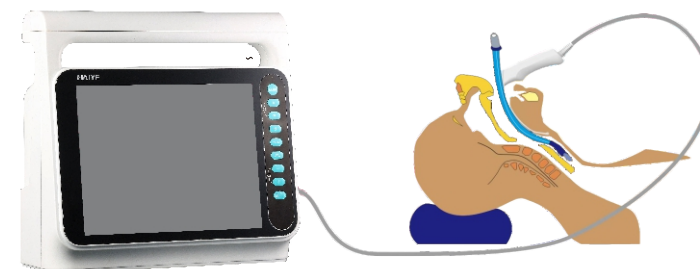

Application

Equipped with 12.1"HD1 electronic endoscope image processor produced by our company, it can be used with our video laryngoscope, disposable uroscope, bronchoscope and other products for clinical tracheal intubation or treatment.

It is suitable for ENT, operating room, ICU, pediatrics, emergency center, ambulance, respiratory medicine, infection department, thoracic surgery, urology and so on.

Parameter

Screen	12.1" color display
Resolution	1024×768
Field angle	89°
Function	HDMI, USB, signal , built-in storage card, support data storage and export, take photo, video,freeze frame
Compatible products	Video laryngoscope, video stylet, electronic bronchoscope, disposable ureteroscope, etc
Battery	6600mAh
Rated voltage	7.2V
Charging voltage	8.4V
Battery life	≥4h
Charging time	≤5h
Battery lifetime	500 cycles ≥80% of rated capacity
Accessories	adapter, power cord, data cable, manual

Scenario