

AC-5000 Series

Optical Colposcope & HRA High Resolution Anoscopy



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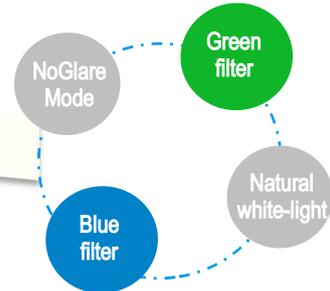
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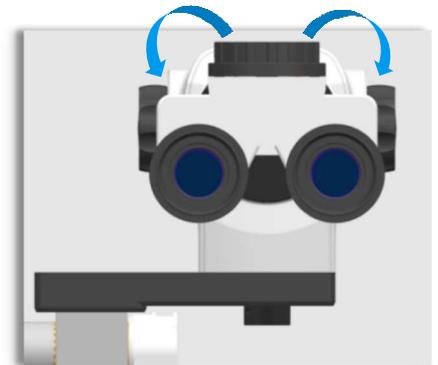
Illumination System

Maximum illumination over 50,000 Lux with F250 objective lens. Enough illumination even in highest magnification and make you can see more clearly. Color temperature 5700K, color rendering \geq 85%. Return to original condition of color and protect eyes of users. 3 types of illumination mode for option.



Horizontal Adjustment Function

Main mirror with horizontal adjustment structure allows the user to observe horizontally or at an angle. Pay attention to the customer's experience and health



Humanized Design

Multi-function handle & keep enough space under the colposcope head is easy to use, and provides enough space to operate.

Built-in cable design

All cables are built in arms, only some cables at the head connection are exposed with concise appearance. It moves more freely and smoothly and makes your clinic in good order and high class

Display bracket installation

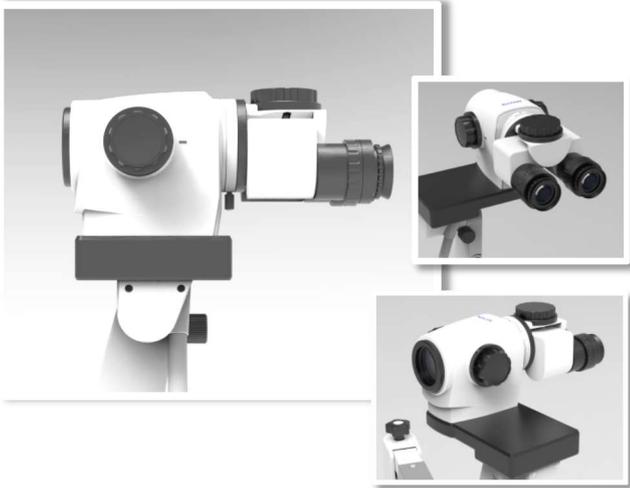
When the customer needs to purchase the display bracket in the future, it can be installed conveniently without affecting the appearance.

Double HDMI outlet

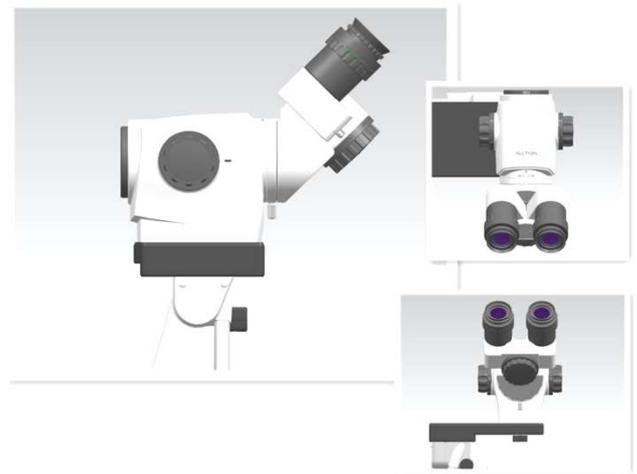


Options of configuration

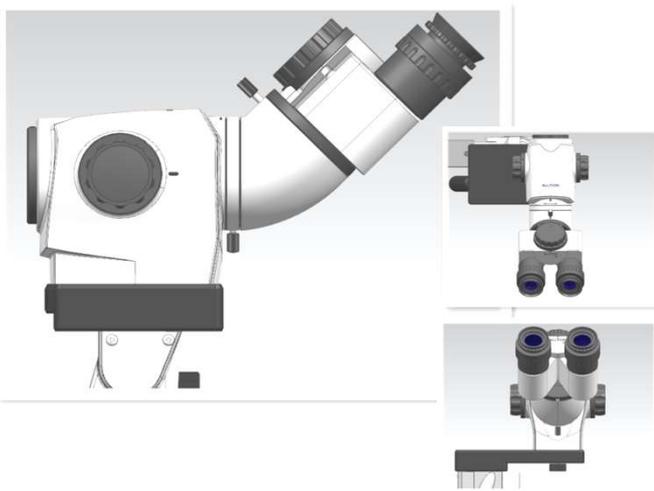
If desired, the doctor can choose different binocular for the variety of needs.



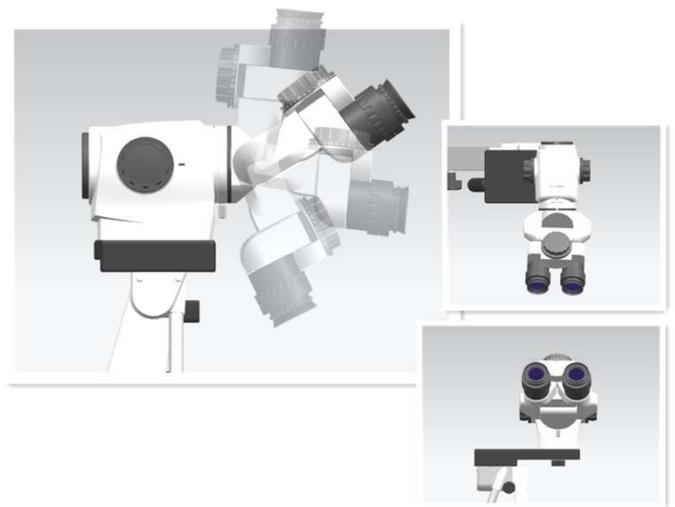
Straight Binocular Head



45° Inclined Binocular Head



**Straight Binocular Head
with 45° Binocular Extender**



0-180° Inclinable Binocular Head

Main Specification of AC-5000 Series colposcope

	Type	Standard	Optional
Optics	Magnification	Manual 5-step magnification	-
		2.6X/ 3.9X/ 6.4X/ 10.3X/ 16.1X (at 250mm working distance)	-
	Binocular Head	Straight binocular head with interpupillary distance adjustment	45°binocular/0-180° inclinable binocular head with interpupillary distance adjustment
	Range of Interpupillary Distance	50-75mm	-
	Eyepiece Field	12.5X/18B with diopter adjustment ±7D	10X/21B with diopter adjustment ±7D
	Glass Technology	Premium quality apochromatic technology	-
	Optical Extender	-	30°/ 45°binocular extender with angle rotation device
	Objective Lens	Objective lens 250-430mm	-
Illumination	LED	Long-life LED: ≥50,000 hours	-
	Object Illumination	Maximum at 250mm working distance ≥ 50,000lux	-
	Color Rendering	≥85%	-
	Color Temperature	5700K	-
	Illumination Mode	Blue filter / Green filter / Natural white-light	NoGlare mode/ Laser filter
Power Supply	Rated Voltage	Input: AC100-240V, 50/60HZ, output: DC12V/3A	-
	Input Power	25-60VA	-
Support System	Stand	Mobile floor stand with 5 wheels	-
	Arm	Swing arm	Swing arm
Camera		Built-in camera with monitor bracket	Nil

Details Specification of Built-in Camera

Sensor	1/2" SONY high-sensitivity and low-noise CMOS
Resolution	HD1080P 60FPS (16: 9)
Storage	USB flash disk(64G)can be connected externally
Data Format	Picture: JPG format; Video: MP4 format
Basic Function	Freeze, photograph, video recording, automatic exposure, white balance, play back and cross curve
Image Effect	Exposure value, best brightness, gain, red gain, blue gain, saturability, contrast ratio, definition and HDR
Advanced Functions	Horizontal flip, vertical flip, zoom out, zoom in, AOI and image comparison
Image transmission	Support real time multiple transmission by WIFI and HDMI transmission
System Settings	Automatic/autonomous naming, show/hide time, show/hide LOGO, version information, Chinese/English, resolution setting, naming setting, system update, factory reset, internal WIFI/external WIFI
PC Client	Windows system
Mobile Client	Android system, IOS system

What is high-resolution anoscopy?

High-resolution anoscopy is anoscopy with magnification. In addition to the anoscope, which helps keep the anus open, a doctor uses another device called a colposcope. A colposcope is a high-resolution mobile microscope connected to a monitor. A doctor uses this colposcope to closely examine suspicious areas in the anal canal through the anoscope. This procedure is very similar to colposcopy that examines the cervix.

To better see suspicious areas, the doctor may apply a mild, vinegar-like solution (acetic acid) to a cotton swab or a gauze and leave it inside your anus for a few minutes. The acid reacts with certain abnormal cells and makes them appear white.*

*: John's Hopkins Medicine: <https://www.hopkinsmedicine.org/health/treatment-tests-and-therapies/anoscopy-high-resolution-anoscopy>

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Items and specification subject to change, please contact us for current product information.

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