

# AC-3000 Series

## Optical Colposcope



- ★ 250-430mm Variable Objective Lens
- ★ 0-180° Inclinable Binocular Head
- ★ Fine Adjusting Handle for Tilting Observation
- ★ Horizontal Adjustment Function
- ★ Built-in 4K Camera Real Time Output Module
- ★ NoGlare Mode for Reflection Protection



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## 250-430mm Variable Objective Lens

Extra large working distance: 250 - 430 mm;  
to focus on issue locates in different depth of the  
cervical without moving the head of the device.  
Also available with fixed objective lens 300mm

## 0-180° Inclinable Binocular Head

Provides angles for the user to adjust the observing  
height according to difference preference.



## Fine Adjusting Handle for Tilting Observation

More precisely to adjust the tilting angle to move to  
the patient.



## Horizontal Adjustment Function

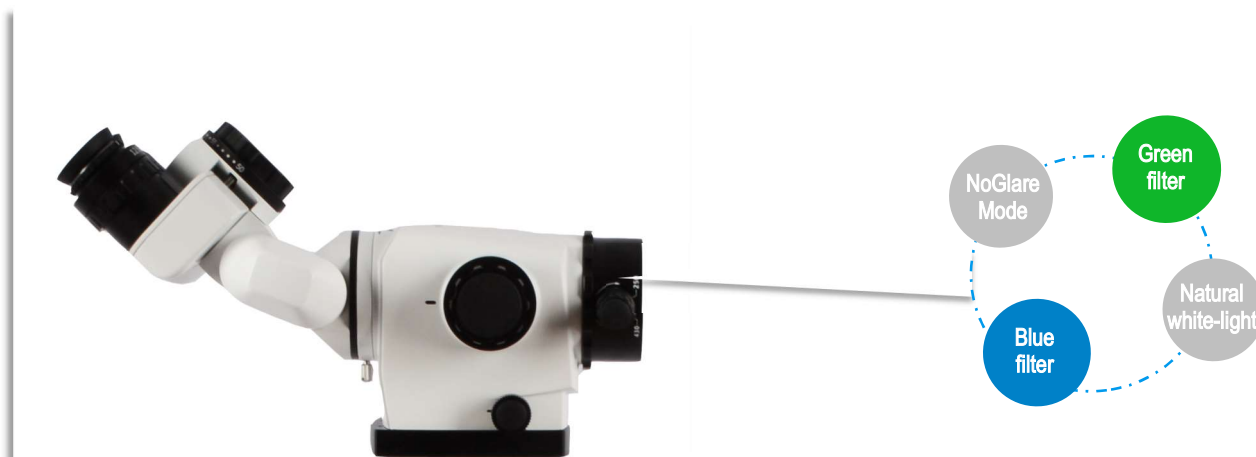
Main mirror with horizontal adjustment structure allows the user to observe horizontally or at an angle.  
Pay attention to the customer's experience and health.



## NoGlare Mode for Reflection Protection

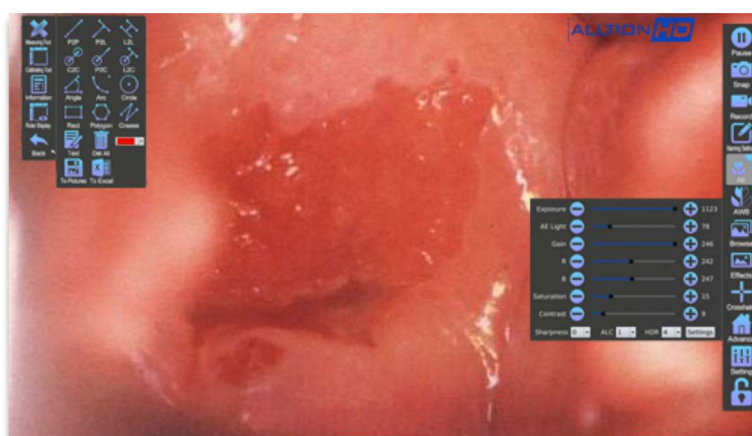
NoGlare mode in AC-3000 allows you to precisely analyze the color shades of the tissue. The cross polarization capability visualizes fine, but relevant details such as color nuances. It effectively suppresses obtrusive light reflections from the metal instruments surface.

Maximum illumination over 50,000 Lux(250mm). Color temperature 5700K, color rendering  $\geq 85\%$ . Return to original condition of color and protect eyes of users.



## Built-in 4K Camera Real Time Output Module

- Photo
- Video recording
- Freeze
- Image effect
- Image storage to USB disk
- Image/video review
- Mouse operated



## Optional Stand



Tilting Base



Rolling Base

## Main Specification of AC-3000 Series Colposcope

	Type	Standard		Optional
	Optics	Magnification	Manual 3-step	Manual 5-step
2.8/ 7.1/ 17.7 (In 300mm objective lens)			2.8/ 4.4/ 7.1/ 11.3/ 17.7 (In 300mm objective lens)	-
Binocular		Straight binocular with interpupillary distance adjustment		45°binocular/0-180°adjustable binocular with interpupillary distance adjustment
Range of Pupillary Distance		50-75mm		-
Eyepiece Field		12X/18B with diopter adjustment ±7D		10X/21B with diopter adjustment ±7D
Glass Technology		Premium quality apochromatic technology		-
Optical Extender		-		30°/ 45°binocular extender
Objective Lens		Objective lens 300mm		Objective lens 250mm/400mm
Illumination	LED	Long-life LED: 50,000 hours		-
	Object Illumination	Maximum 50,000lx with objective lens 300mm		-
	Color Rendering	85%		-
	Color Temperature	5700K		-
	Light Spot	Blue filter/ Green filter/ Nature white light		-
Support System	Stand	Tilting stand		Rolling stand with mobile base
Power Supply	Rated Voltage	Input:AC100-240V,50/60HZ,output:DC12V/3A		-
	Input Power	25-60VA		-
Camera	Built-in 4K camera		-	

### Specification of Built-in Camera

Sensor	1/1.8" SONY 4K high-sensitivity and low-noise CMOS
Resolution	3840x2160 60FPS (16:9)
Storage	USB flash disk (64G) can be connected externally
Data Format	Real time monitoring: HDMI, 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, R/B gain, saturability, contrast ratio, definition and HDR, details enhance, lucifuge mode, edge color rendering, black-white pattern, parameter lock, parameter setting
Advanced Functions	Horizontal flip,vertical flip,zoom out,zoom in,AOI and image comparison
System Settings	S,show/hide LOGO,language setting,save entity,system update, factory reset, version information
Measurement	Distance point to point, circle, marker choice, delete, color setting
PC Client	Windows system

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

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