

**ALLTION<sup>®</sup>**

## **AC-5000 Series**

### **Optical Colposcope**



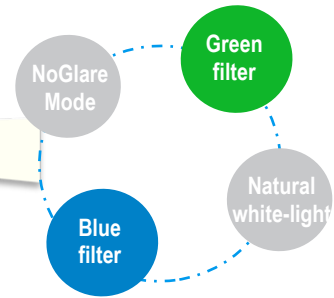
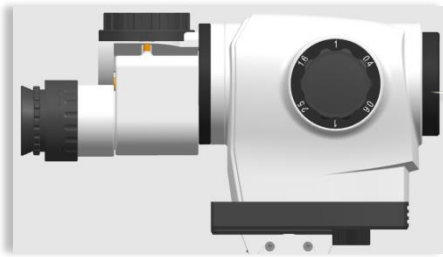
compatible with



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MEDICAL

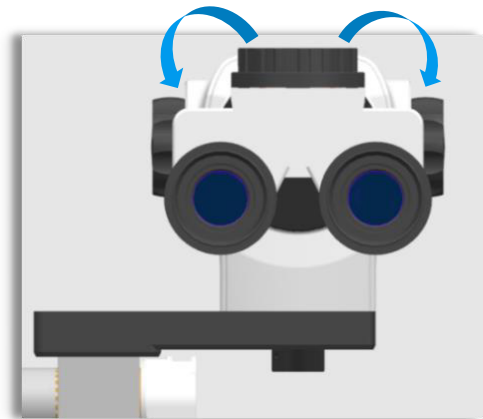
## Illumination System

Maximum illumination over 50,000 Lux with F250 - 430 mm Variable Objective Lens. More than enough illumination even in highest magnification extremely clear visuals. Natural color temperature 5700K, color rendering  $\geq 85\%$ . 4 filter modes to assist with diagnosis.



## Ergonomic Design

Smooth, single handed operation with plenty of operating space underneath the colposcope head gives the practitioner a comfortable ergonomic experience.



## Built-in cable design

Internal cables for a beautiful appearance and assists with cleaning and hygiene.

Double HDMI outlet



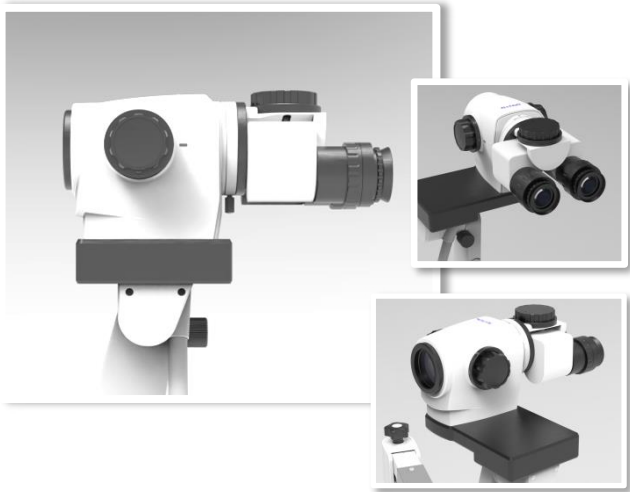
## Display bracket installation

Display bracket available for a high definition monitor is able to be purchased initially with the AC-5000 or at a later time frame if needed.

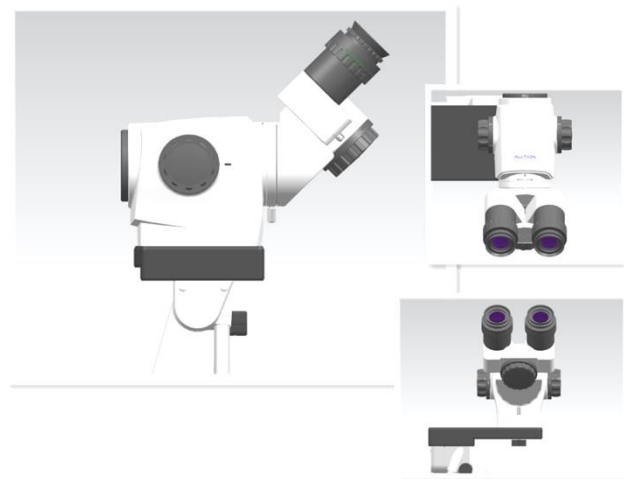


## Options of configuration

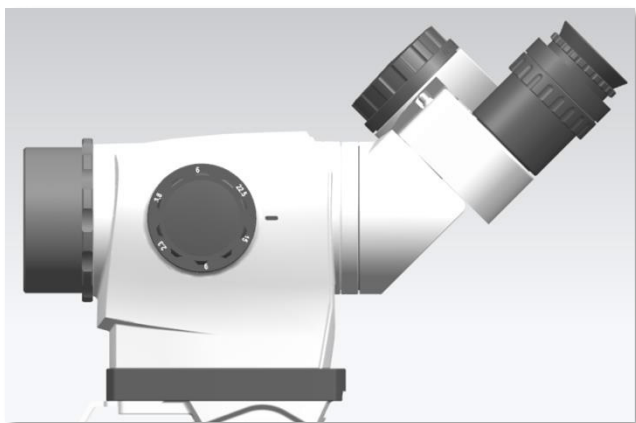
Multiple Binocular options available.



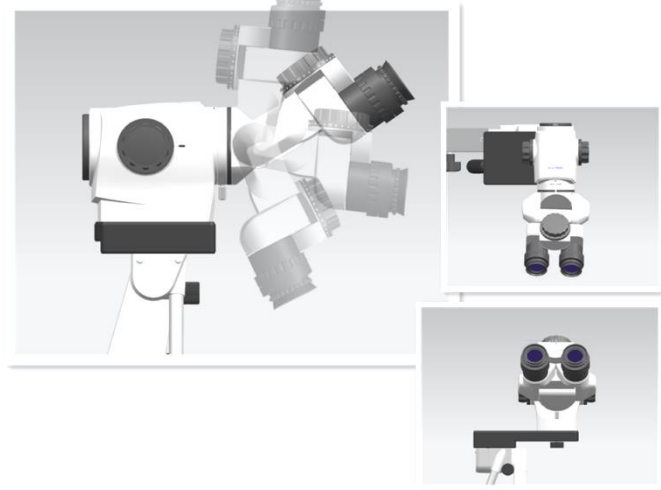
**Straight Binocular Head**



**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	1/1.8" SONY 4K high-sensitivity and low-noise CMOS
Resolution	3840x2160 60FPS (16:9)
Storage	USB flash disk(64G)can be connected externally
Data Format	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

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