

# AC-5000 Series Optical Colposcope



**zone**  
MEDICAL

## Contact



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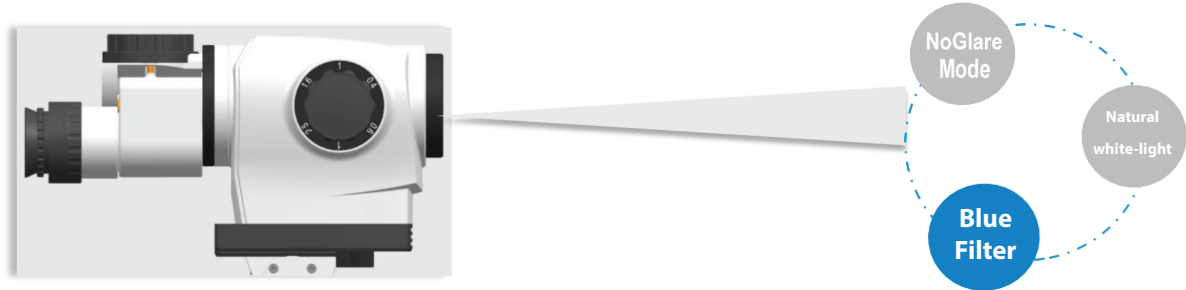


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# Illumination System

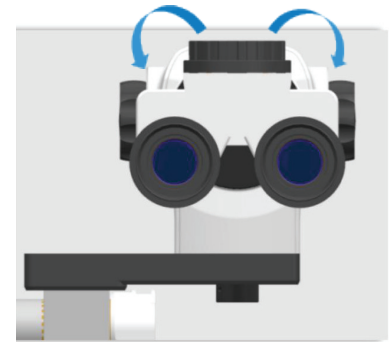
With modern LED technology the AC-5000 generates 50,000 lux at operating distance giving powerful illumination, even at the highest level of the 5 steps of magnification. The colour rendering of 5700K natural white light mimics natural daylight assisting with concentration and comfort during use.

Superior operation is guaranteed with an objective lens (250-430mm) which offers flexible working distances and also includes 3 filters (No Glare, Natural white light, Blue Filter) to assist with identification and diagnosis of blood vessels in the tissue.



## Horizontal Adjustment Function

The main mirror is mounted on an adjustable horizontal structure allowing the user to observe horizontally or at an angle giving the practitioner flexibility during the procedure. Smooth & easy to access controls allow for a comfortable and practical experience.



## Built-in cable design

Internal cabling for a mess free work environment which allows for easy cleaning and aesthetic an appearance.

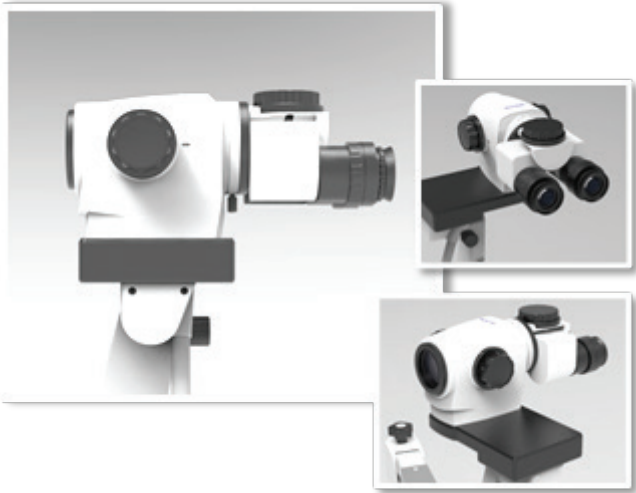
## Display bracket installation

Easy to install display bracket for TV / Monitor installation.

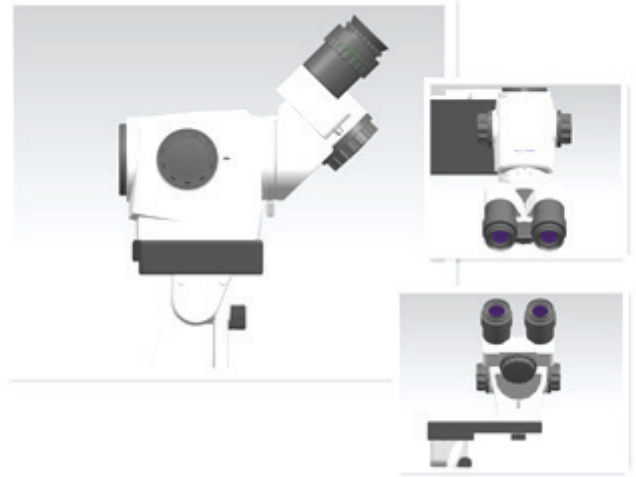
### Double HDMI outlet



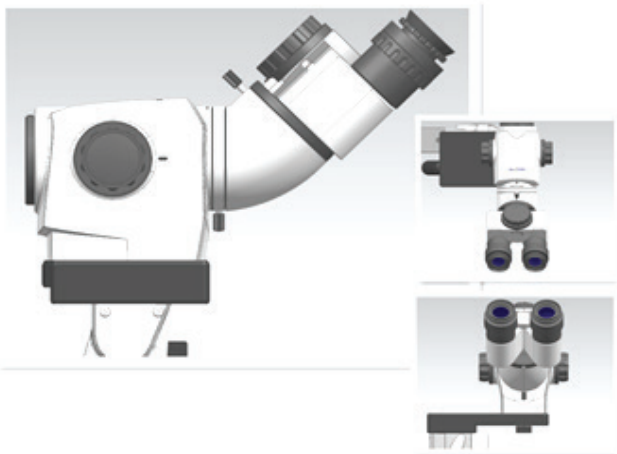
# Binocular Head Options



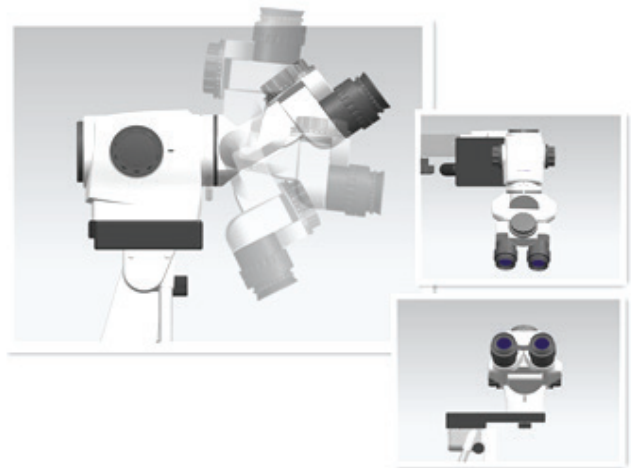
**Straight Binocular Head**



**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 ±6D
	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 with 250mm objective lens ≥ 50,000lux	-
	Color Rendering	≥85%	-
	Color Temperature	5700K	-
	Illumination Mode	Blue filter / NoGlare mode/ Natural white-light	Laser filter
Power	Rated Voltage	Input: AC100-240V, 50/60HZ, output: DC12V/3A	-
Supply	Input Power	25-60VA	-
Support System	Stand	Mobile floor stand	-
	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

# ALLTION®

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

V2.2 Printed in October 2021

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