



AC-2000

SERIES COLPOSCOPE

FEATURES AND BENEFITS

- Apochromatic Optic Design
- 3-Step Magnification and/or Single Magnification
- LED Illumination for Long Life & Low Cost
- 1080P FULL HD Real-time output module
- Two Optical Circles for Quick Measuring Size of Tissue
- Integrated Green Filter
- Compact, Light Weight Base with Wheels for Easily Maneuver
- Ergonomic Design for Long Time Precision Operation Comfortably
- Completely Assembled and Ready to Use

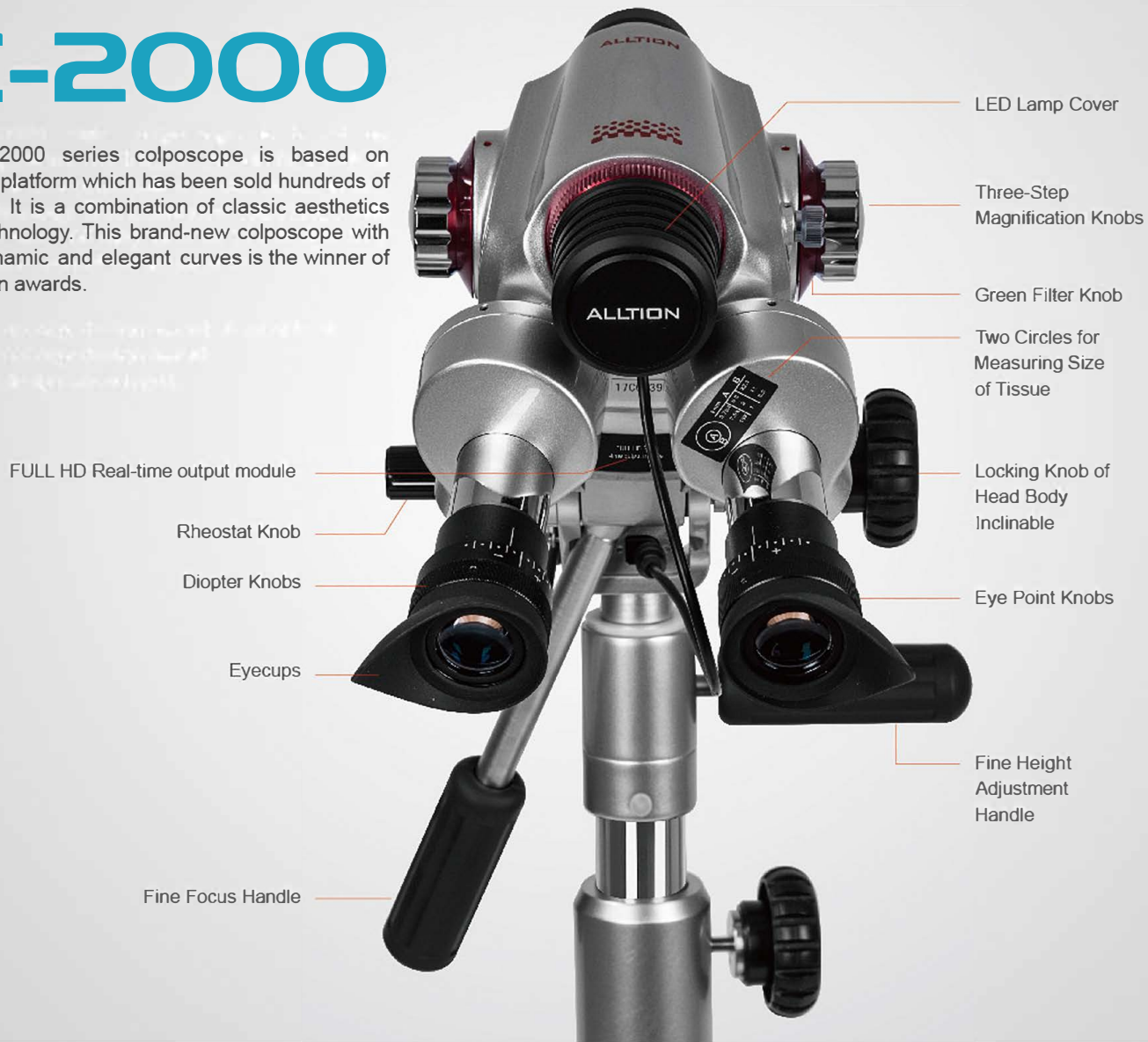
zone
MEDICAL



reddot design award

AC-2000

ALLTION® AC-2000 series colposcope is based on AC-1000 series platform which has been sold hundreds of units worldwide. It is a combination of classic aesthetics and modern technology. This brand-new colposcope with fashionable, dynamic and elegant curves is the winner of numerous design awards.

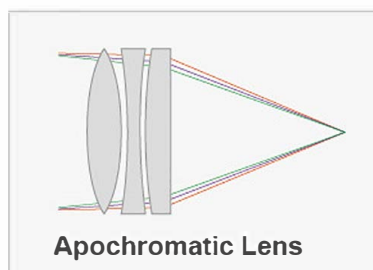


SUPERB OPTICAL FEATURES

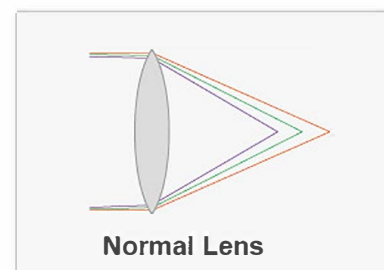
Superior German Made Optics

1. High resolution
2. Real 3-Dimensional Precise Image Reproduction
3. Large depth of field
4. Wide Field of View
5. Good Contrast
6. 1080P FULL HD Real-time output of image

The apochromatic optics design corrects the chromatic aberration of three types of coloured light. It ensures the reduction and saturation of image colour and improves the resolution, contrast, and depth of view.



Color Aberrations from Visible Lights Are Corrected



Visible Light Refraction from Color Aberrations

3-STEP MAGNIFICATION AND/OR SINGLE MAGNIFICATION

3-step magnification (3.75x-7.5x-15x) provides larger magnifying range and more selection on magnification to meet the requirement of your practice, from lowest magnification for an overview to high magnification for precise and close inspection and treatment.



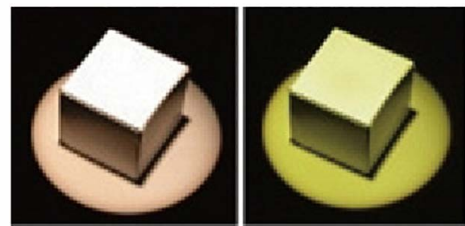
TWO OPTICAL CIRCLES FOR QUICK MEASURING SIZE OF TISSUE

	ϕ mm	A	B
A	3.75X	5.8	22.1
B	7.5X	2	11
	15X	1	5.2



INTEGRATED GREEN FILTER

Green filter can help you to recognize blood vessels.



No Filter

Green Filter



LED ILLUMINATION

The American made LED coaxial illuminator provides pure white colour light similar to sunlight, to reflect real colours. The bulb life can last over 10,000 hours/10 years, avoiding the hassle of changing bulbs and additional costs.

INTEGRATED FULL HD VIDEO CAMERA

An integrated 1080P FULL HD video camera is available in specific models. This feature allows doctors to communicate with the patient directly or to use as a training device for other specialists. The images from integrated video camera can be viewed directly to a TV or Monitor with a standard HDMI cable. You can also view and record data on a PC or laptop with the assistance of a HDMI Capture Card.



COMPACT, LIGHT WEIGHT BASE WITH WHEELS FOR EASILY MANEUVER

The colposcope is light to be lifted easily only 11kgs. The base comes with 5 wheels so that it stands stably and



ERGONOMIC DESIGN FOR LONG TERM PRECISION OPERATIONION COMFORTABLY

The all ergonomic design ensures you can work with the AC-2000 series colposcopes for extended periods of time, reducing strain on the neck and back.

COMPLETELY ASSEMBLED AND READY TO USE

Alltion AC-2000 series colposcope is delivered completely assembled in one carton. Small and easy to store away or move site to site



SPECIFICATION ALLTION AC-2000 SERIES COLPOSCOPES:

- 1.Total magnification 3.75x, 7.5x, 15x for 3-step models and 7.5x for single magnification models
- 2.300mm focal length
- 3.Field of View: 79mm, 39mm, 19mm dia. for 3-step magnification models and 39mm for single magnification models
- 4.Depth of Field: 4.5mm, 1.13mm, 0.76mm for 3-step magnification models and 1.13mm for single magnification models
- 5.Light intensity: >30,000 LUX
- 6.Individually adjustable eyepiece 16.7x
- 7.Right eyepiece with built-in two circles for you to measure the size of the problem you see.
- 8.Built-in rheostat for brightness adjustment
- 9.1080P FULL HD Real-time output module
- 10.User-selectable built-in green filter for enhanced contrast
11. LED bulb is easily changeable.
12. Working Height: 950mm to 1250mm
13. Fine focus adjustment Handles
14. Two (Gross/Fine) height adjustment Handles
15. Unit is completely assembled and ready for use once power is on
16. Main Power Supply: 100V to 240V

	MODEL NO.	SPECIFICATION		
		Magnification	Binocular Head	Built in Camera
Complete Unit	AC-2110	Single	Straight	Nil
	AC-2111	Single	Straight	Full HD Video Camera
	AC-2310	3-Step	Straight	Nil
	AC-2311	3-Step	Straight	Full HD Video Camera

Item and specification subject to change, please contact Alltion for current production information.

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1300 009 663
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