

ALLTION[®]

AC-2000 SERIES COLPOSCOPE

(FDA 510K Number: K061306)

(ISO9001: 2000 Certificate Number 5300/2002137799)



FEATURES AND BENEFITS

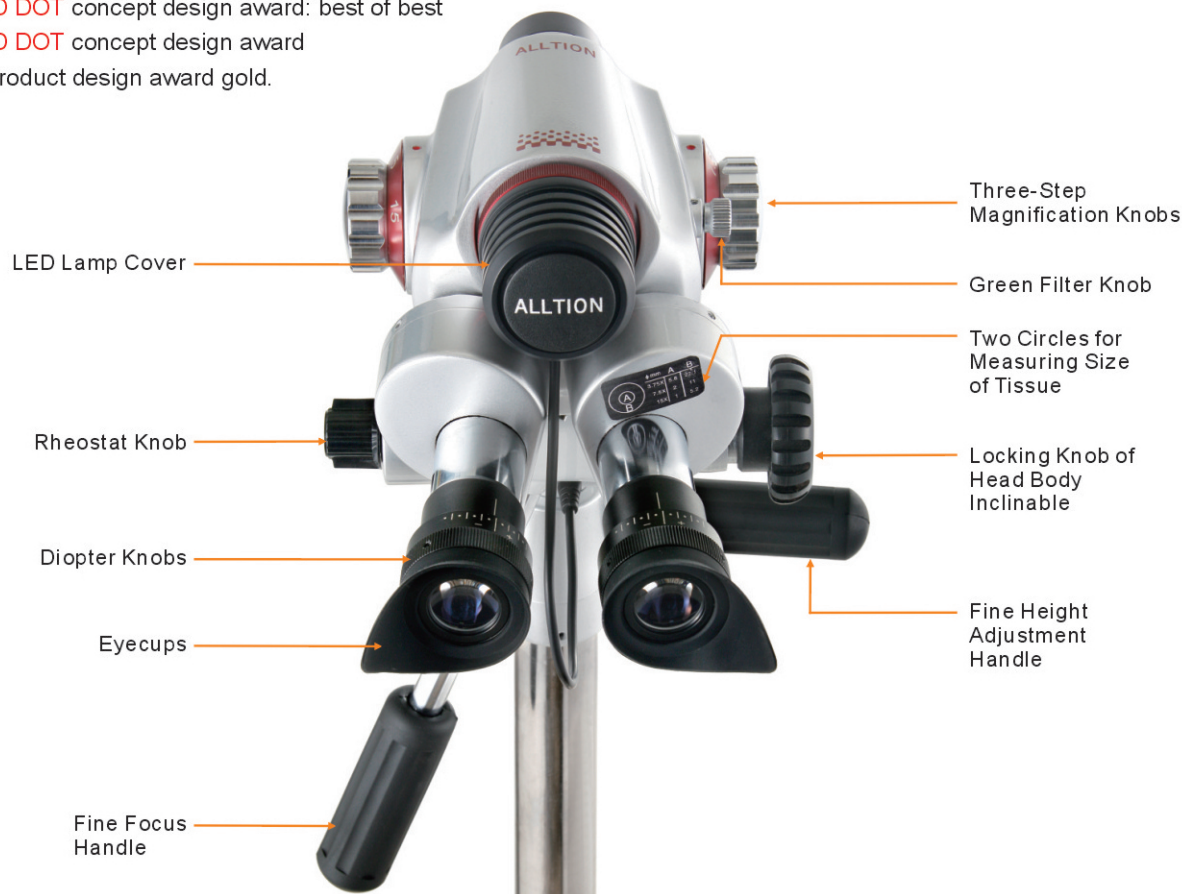
- Apochromatic Optic Design
- 3-Step Magnification and/or Single Magnification
- LED Illumination for Long Life & Low Cost
- Integrated Video Camera
- Two Optical Circles for Quick Measuring Size of Tissue
- Integrated Green Filter
- Compact, Light Weight Base with Wheels for Easily Maneuver
- Ergonomic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

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 designed by Mr. Zhang Xun who won following awards:

2007 **RED DOT** concept design award: best of best

2008 **RED DOT** concept design award

2009 **IF** product design award gold.

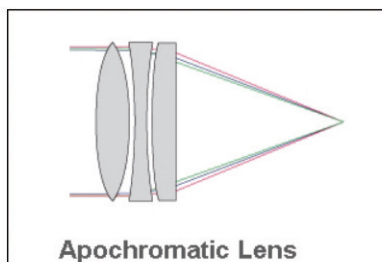


SUPERB OPTICAL FEATURES

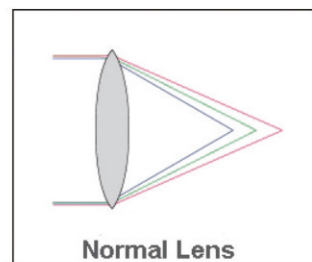
Our excellent optical design makes the colposcope with superb optical feature features, including:

1. High resolution
2. Real 3-Dimensional Precise Image Reproduction
3. Large depth of field
4. Wide Field of View
5. Good Contrast

Apochromatic optics design could correct the chromatic aberration of three types of colored light effectively. It ensures the reduction and saturation of image color and improves the resolution, contrast and view depth of image.



Color Aberrations from Visible Lights Are Corrected



Visible Light Refraction Forms Color Aberrations

3-STEP MAGNIFICATION AND/OR SINGLE MAGNIFICATION

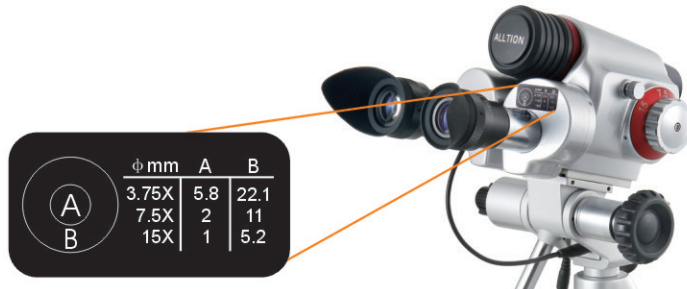
3-step magnification (3.75x-7.5x-15x) provides larger magnifying range and more selection on magnification to meet the requirement of your practice, from lowest magnification for an overview to high magnification for precise and close inspection and treatment.



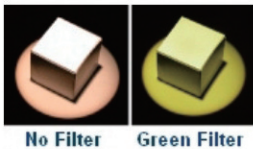
For matching your budget requirement, we supply single magnification model as well.



TWO OPTICAL CIRCLES FOR QUICK MEASURING SIZE OF TISSUE



INTEGRATED GREEN FILTER



Green filter can help you to recognize blood vessels.

LED ILLUMINATION

LED coaxial illuminator provides pure white color light similar to the sun light to show the real color. The bulb life can be over 10,000 hours/10 years for lasting performance. It not only avoids the trouble of changing bulbs, but also saves your cost for the spare bulbs & electric charge.



INTEGRATED VIDEO CAMERA



An integrated video camera (1 CCD) is available in specific models. It is very convenient for the doctors to communicate with the patient by this device.

The images from integrated video camera can be inputted into a monitor or a TV set directly. Or it can be inputted into a computer by image collection with USB adapter or stored into a hard disk recorder.



COMPACT, LIGHT WEIGHT BASE WITH WHEEL FOR EASILY MANEUVER

The colposcope is 11 kgs only. You can lift it easily. And it comes with three wheels on the base for you to move it easily



ERGONOMIC DESIGN FOR LONG TIME PRECISION OPERATION COMFORTABLY

All ergonomic design assure you can work with our colposcope for long time precision operation most comfortably. It would avoid or reduce your problems on the back and neck.

COMPLETELY ASSEMBLED AND READY TO USE

Alltion AC-2000 series colposcopes are delivered to customers with completely assembled unit in one carton. Any installation is not necessary. All you have to do is plug it in and/or connect it to your monitor or /TV set.



SPECIFICATION OF 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: >25,000 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. User-selectable built-in green filter for enhanced contrast
10. LED bulb is easily changeable.
11. Working Height: 950mm to 1250mm
12. Fine focus adjustment Handles
13. Two (Gross/Fine) height adjustment Handles
14. Unit is completely assembled and ready for use once power is on
15. Main Power Supply: 100V to 240V
for 3-step magnification models and 1.13mm for single magnification models.

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



ALLTION®

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Microscopes Are Our Business & Service Is Our Pride

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