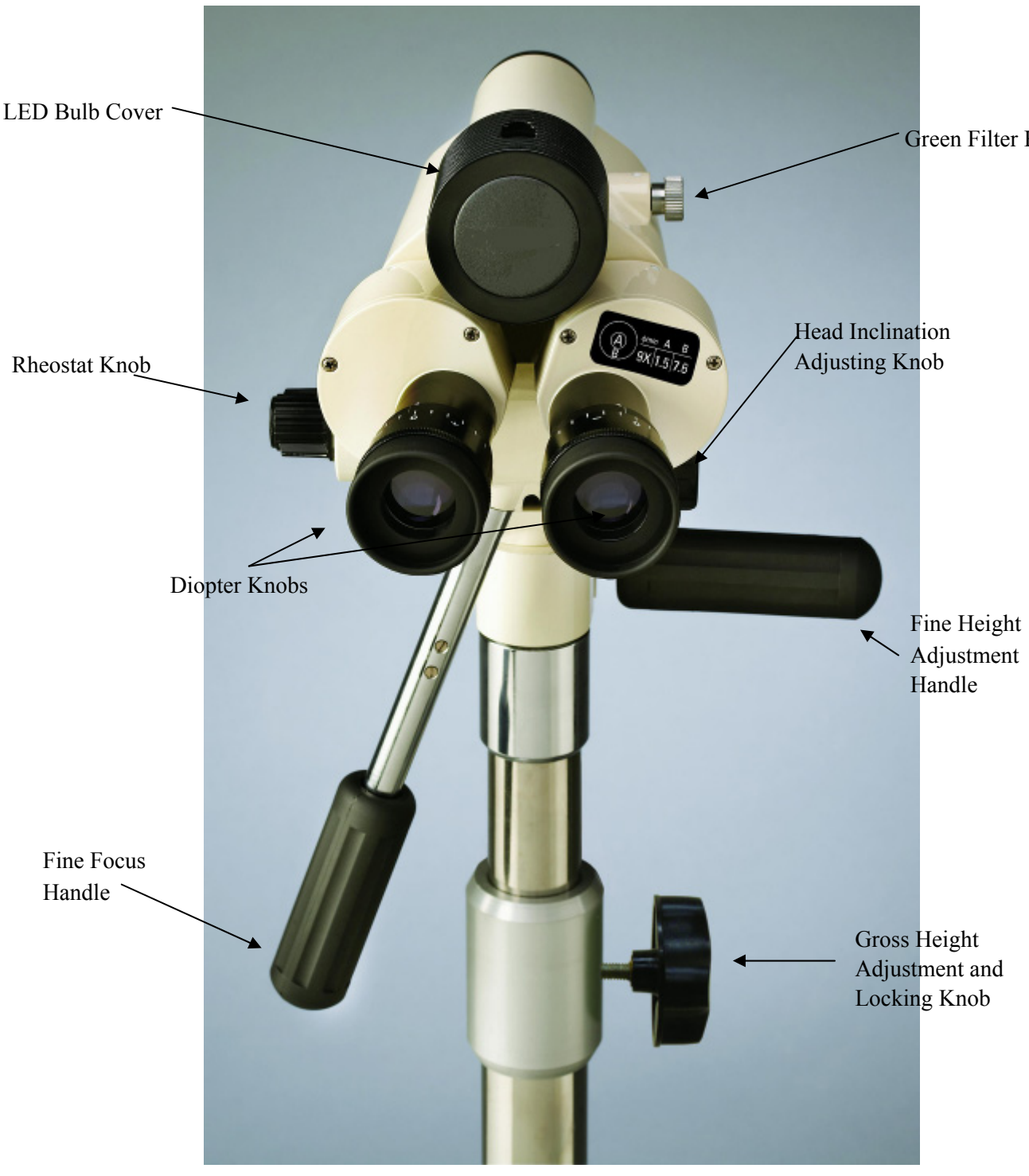
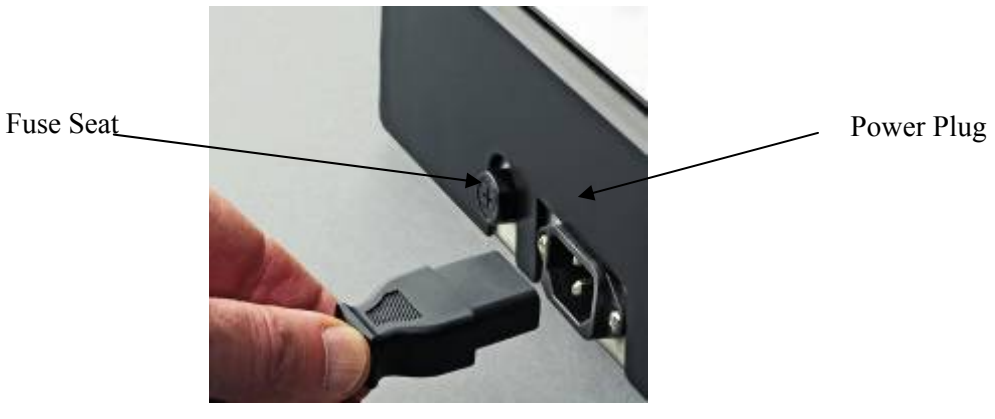
Gima S.p.A. – Via Marconi, 1 - 20060 Gessate (MI) Italy
Italia: tel 199 400 401 – fax 199 400 403 – gima@gimaitaly.com
Export: phone + 39 02 953854209/221/225 – fax + 39 02 95380056 - export@gimaitaly.com
– **www.gimaitaly.com**

Code 29612
LED COLPOSCOPE - 9X

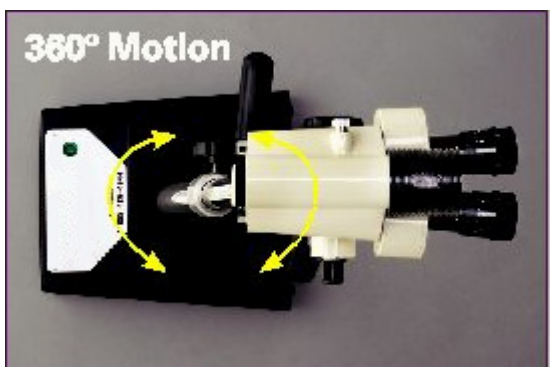
User Manual


LED Bulb Cover
Green Filter Knob
Rheostat Knob
Head Inclination
Adjusting Knob
Diopter Knobs
Fine Height
Adjustment
Handle
Fine Focus
Handle
Gross Height
Adjustment and
Locking Knob


Fuse Seat
Power Plug

Indications for Use

The Colposcope is a device designed to permit viewing of the tissues of the vagina and cervix by a telescopic system located outside the vagina. A Colposcope is used to diagnose and examine abnormalities of the vagina and cervix.



1. Features

- Hand polished optics for exceptional clarity
- Individual y adjustable binocular optics for true stereoscopic view
- Optical measuring circles for precise measurements
- Focal length: 320mm
  Field of View: > 22mm diameter
  Depth of Field: > 3mm
- Smooth adjustable controls for gross and fine focus
- Universal Teflon® bal joint never has to be tightened or adjusted and it gives you fluid 360° motion for gross focus
- A space saving small footprint: Length is 14", Width is 12"
- Clutter reducing internal power cable
- Working height: 33" – 47"
- Clear, bright, long-lasting LED light source
- Light intensity: 10,000 LUX
- One piece shipping that puts you in operation with minutes of opening the box (no salesperson necessary)
- Overall magnification 9X

2. Contents of Box

- 1 Colposcope
- 1 Power Cord
- 2 Fuses
- 1 Plastic Dust Cover
- 1 Instructions for Use
- 1 Phillips Screwdriver

3. Removing the Colposcope From the Box

The Colposcope comes with a one year warranty with free repairs (shipping not included). Please keep this box and the protective foam for at least a year; should you need to return it for any warranty repairs.

- During the handling and unpacking, the box must be placed in the up position according to the arrows that are printed on the outer box.
- Remove top protective material.
- Grasp the Colposcope at the center post (A cutout in the foam for your hands is provided.) and lift the Colposcope straight out of the protective material. Note: When removing the instrument out of the protective foam, remove with care to prevent the instrument from being damaged.

4. Setting Up the Colposcope

A. Remove the power cord from the shipping box.

B. Insert the power cord into the plug located at the back end of the base.

C. Insert the other end of the power cord into the wall socket. Note: It must be a 3 hole wall socket, in order to ensure proper grounding of the instrument.

D. Depress the power on/off button with your right foot, to turn on the power. The power indicator light will come on at that time.

E. Important: Rotate the Rheostat Knob to turn on the Viewing Light.

F. When the instrument is ready to be shut off, simply depress the power on/off button with your right foot. The power indicator light will go off at that time.

5. Precautions

A. For storage, the instrument should be placed in a clean, dry environment with stable temperatures to extend the life of the components and ensure longevity of the instrument.

B. Please cover the Colposcope with the plastic dust cover that is included with this instrument. This will keep the optics and components relatively dust free.

C. When storing or carrying the instrument, adjust the instrument to the lowest position. This will help ensure that if it is inadvertently hit, it will resist tipping over.

6. Adjustment of the Eyepieces

The interpupillary distance (IPD) is the distance in the spacing between a person's eyes.

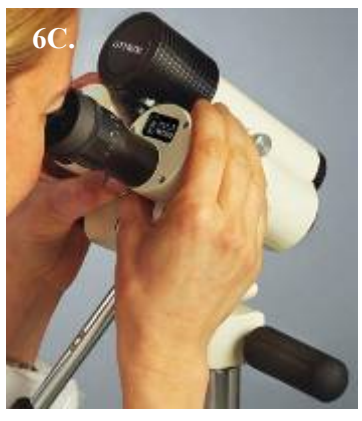
IPD

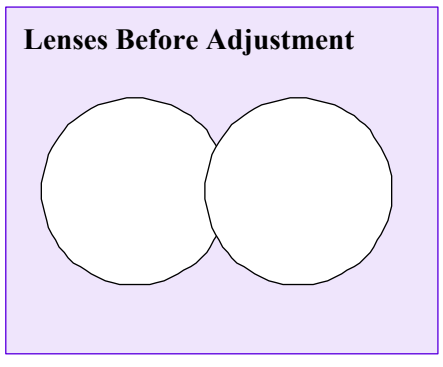
To Adjust the IPD

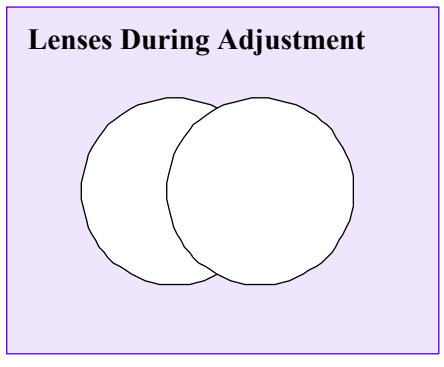
A. Turn on power by pressing the foot-switch on the base. On/off indication light will come on.

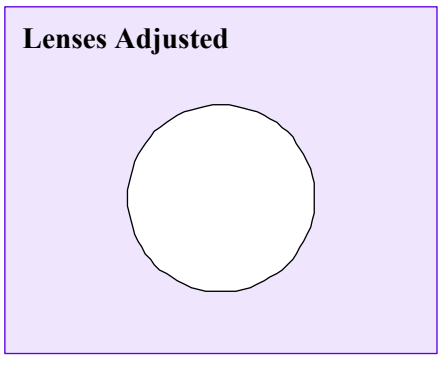
B. Turn the black Rheostat Knob on the left to adjust the light intensity. Light will project from upper part of the Colposcope.

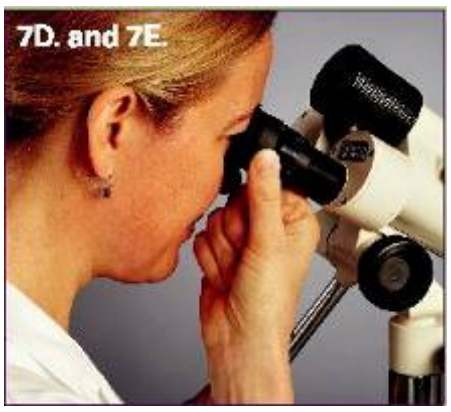
C. Gently place your eyes against the black rubber eyepieces. Grasp the tan metal housing with both hands. Gently rotate the barrels together or apart. A singular circular image should be seen through both eyepieces. This adjustment is similar to adjusting the eyepieces of binoculars.





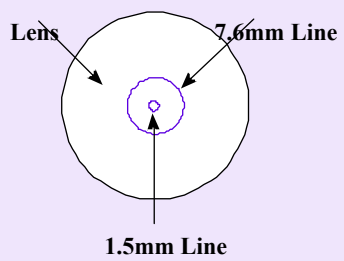






Measurement at Tissue Site 9X

7F.



7. Adjustment of the Diopter Knobs

Focusing the Colposcope

A. Set the Diopter Knobs at zero.

B. Turn the Colposcope on, place your eyes against the eyepieces, and focus the Colposcope on a fixed object until that object appears clear and sharp.

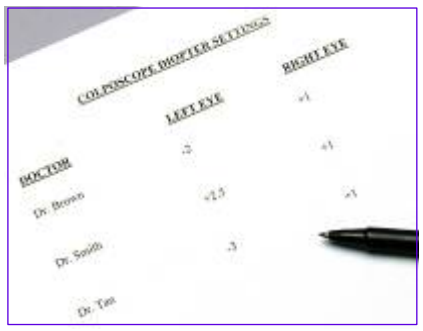
C. It is recommended to focus on letters such as a *book* or a *magazine*.

D. Close your right eye. With your left hand, rotate the Diopter Knob until the object is clear and sharp for your left eye. Note: The Diopter allows you to adjust for plus and minus vision corrections.

E. Then close your left eye. With your right hand, rotate the diopter knob until the object is clear and sharp for your right eye. Note: The Diopter allows you to adjust for plus and minus vision corrections.

F. This adjustment of the diopters will put the in Colposcope focus. You will see two measuring circles through the lens. The large circle is 7.6mm and the small circle is 1.5mm. Note: There is a chart on the right tan metal housing.

G. It is important to keep a record of the adjustments on the Diopters for both your left and right eyes. Since most offices have multiple people using the Colposcope, the eyepieces will be different when someone else wants to use it. By remembering your diopter settings, clarity can be achieved by simply moving the diopters to your setting when you are ready to use the Colposcope. This avoids you going through steps A–E each time.



A Note for Eyeglass Wearers:

For best results when wearing eyeglasses, fold down the Colposcope's rubber eye cups. Then place your eyeglasses against the folded down eye cups while using the Colposcope. When you are finished using the Colposcope, unfold the rubber eyepieces to maintain the correct memory in those rubber eyepieces.

8. Colposcope Instructions for Use

The following briefly describes using the Colposcope with a patient. It is recommended that you practice using the Colposcope to familiarize yourself with all of the features it has to offer.

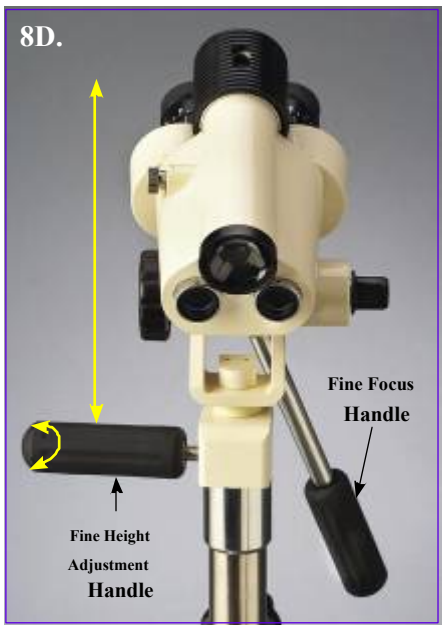
A. With patient in lithotomy position, your Colposcope should be placed so that the head of the scope is 320mm from the area you wish to view, with the post to as near vertical as possible. Rotate the Gross Height Adjustment and Locking Knob to loosen it and move the inner post up or down. Tighten the knob to lock the inner post in place.

B. In a sitting position, place your feet on the rubber pad part of the base. Place your eyes against the eyepiece. Adjust for pupillary distance and make sure that you set your correct diopter reading. Place your right hand on the Fine Height Adjustment Handle and your left hand on the Fine Focus Handle. Note: Do not try to focus with Fine Focus Adjustment at this point.

C. With your right hand on the Fine Height Adjustment Handle, slowly push or pull the Colposcope, until the field comes into view.

If patient is not centered, you can move the Colposcope head in multiple directions to change your field of vision. See photos D–H.

Move Head Up & Down



Twist the adjustment handle to move the head up or down.

Move Head Left

Push the Fine Height Adjustment Handle forward and to the left (counterclockwise).

Move Head Right

Pull the Fine Height Adjustment Handle backward and to the right (clockwise).

Angle Head Up

Push the Fine Focus Handle down and forward.

Angle Head Down

Pull the Fine Focus Handle up and backward.

I. Adjust the Fine Focus Controls to provide clear, magnified views of the area to be examined. Rotate your left hand on the Fine Focus Handle which will finely move the optics towards or away from the object that you wish to view. Also, rotate your right hand which is on the Fine Height Adjustment Handle up or down to raise or lower the optics. Adjust light intensity rheostat as needed by turning the black Rheostat Knob. Turn the silver Green Filter Knob for optimum assessment of affected area.

Note: Both the black Rheostat Knob and the silver Green Filter Knob are conveniently located on the Colposcope head, thus al owing the user complete control without looking up from the eyepieces.

J. The Colposcope head may be tightened or loosened according to your preference by turning the Head Inclination Adjusting Knob.

9. Moving the Colposcope

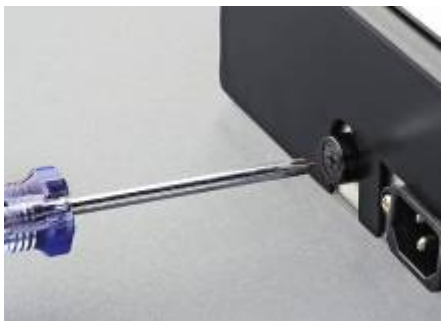
A. Rotate the Gross Height Adjustment and Locking Knob to move the post to a comfortable position.

B. Tighten the Gross Height Adjustment and Locking Knob.

C. Place your foot between the wheels at the front end of the base.

D. With your hand on the Fine Height Adjustment Handle, pull forward and rol across the floor.

10. Fuse Replacement



- Unscrew the Fuse Seat located at the back end of the base using the Phillips screwdriver ⊕ that is included with the Colposcope. Remove the broken fuse (dispose of correctly).
- Replace with the fuse that is also included with the Colposcope. Two fuses have been included for your convenience.
- Screw the Fuse Seat into the proper position, using a Philips screwdriver.

11. Troubleshooting

Viewing Light Will Not Come On

Check the power supply

Rotate the black Rheostat Knob.

Check fuse. Fuses are located on the edge of the tilt stand base

Check power plug to ensure that it is secure

The bulb is burnt out

On-Off Light Indicator does not work

Colposcope Head Keeps Turning

Tighten Gross Height Adjustment and Locking Knob.

The product must not be disposed of along with other domestic waste. The users must dispose of this equipment by bringing it to a specific recycling point for electric and electronic equipment. For further information on recycling points contact the local authorities, the local recycling center or the shop where the product was purchased. If the equipment is not disposed of correctly, fines or penalties may be applied in accordance with the national legislation and regulations.

GIMA WARRANTY CONDITIONS

Congratulations for purchasing a GIMA product. This product meets high qualitative standards both as regards the material and the production. The warranty is valid for 12 months from the date of supply of GIMA. During the period of validity of the warranty, GIMA will repair and/or replace free of charge all the defected parts due to production reasons. Labor costs and personnel traveling expenses and packaging not included. All components subject to wear are not included in the warranty. The repair or replacement performed during the warranty period shall not extend the warranty. The warranty is void in the following cases: repairs performed by unauthorized personnel or with non-original spare parts, defects caused by negligence or incorrect use. GIMA cannot be held responsible for malfunctioning on electronic devices or software due to outside agents such as: voltage changes, electro-magnetic fields, radio interferences, etc. The warranty is void if the above regulations are not observed and if the serial code (if available) has been removed, cancelled or changed. The defected products must be returned only to the dealer the product was purchased from. Products sent to GIMA will be rejected.

CE

Alltion CO., Ltd. Suite B,11F.,Lijing Tower, Cathay Plaza, No.18, Zhong Shan Road, Wuzhou, Guangxi, 543000 P.R.C.

EC REP Wellkang Tech Consulting, Suite B, 29 Harley Street, London W1G 9QR, United Kingdom

Rev. 1.08.10