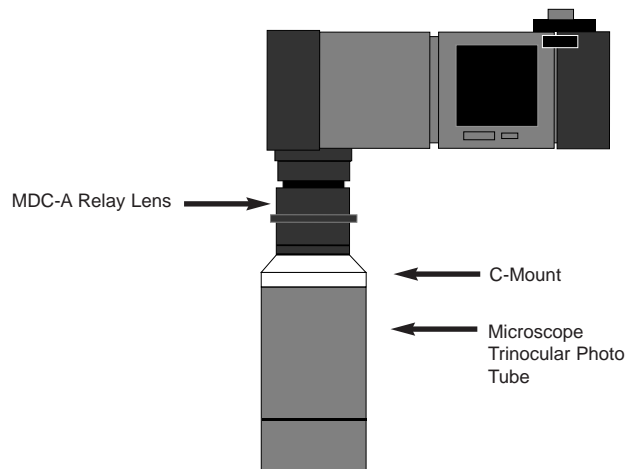## Mounting the Coolpix 950/990/995 to a microscope trinocular photo tube
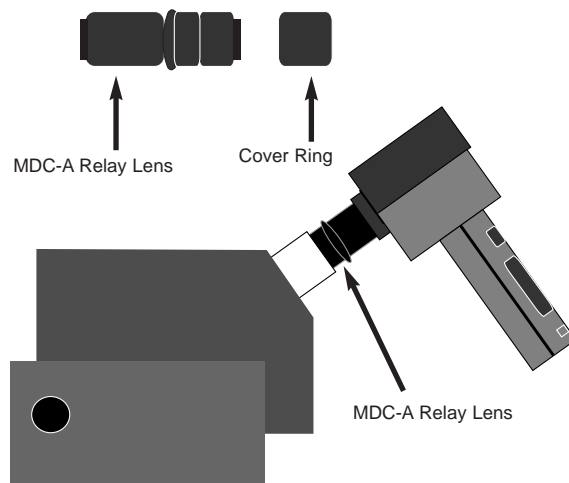
1. Insert the Compact Flash Card into the Coolpix, with the camera power off.

2. Carefully thread the MDC-A Relay Lens onto the Coolpix lens. Over-tightening the adapter may damage the threads of the Coolpix lens. Carefully thread the C-mount onto the MDC-A Relay Lens.

3. Attach the C-mount adapter onto the microscope's trinocular port. Turn the camera so the LCD panel faces out (see diagram). Tighten C-mount into place.

4. Adjust the angle of the LCD monitor for easy observation.

5. Attach the recommended EU-1 Remote Cord (for Coolpix 990 and 995) (Coolpix 950 uses a cable release with adapter).

6. Follow instructions for Coolpix Settings for Microscopy (see other side)

Note: The appropriate Coolpix AC adapter is recommended to eliminate battery consumption.

MDC-A Relay Lens

C-Mount

Microscope Trinocular Photo Tube

Mounting the Coolpix 950/990/995 into an eyepiece tube

1. Insert the Compact Flash Card into the Coolpix, with the camera power off.

2. Remove the cover ring from the relay lens by loosening the three small setscrews.

3. Attach the MDC-A relay lens to the Coolpix lens. Over-tightening the adapter may damage the threads of the Coolpix lens.

4. Remove an eyepiece from the microscope and insert the MDC-A adapter in place of the eyepiece.

5. Swivel the LCD screen to a comfortable viewing angle.

6. Attach the recommended EU-1 Remote Cord (for Coolpix 990 and 995) (Coolpix 950 uses a cable release with adapter).

7. Follow instructions for Coolpix Settings for Microscopy (see other side)

Note: The appropriate Coolpix AC adapter is recommended to eliminate battery consumption

MDC-A Relay Lens

Cover Ring

MDC-A Relay Lens

Coolpix Settings for microscopy.

Use your Coolpix Instruction Manual along with this instruction sheet when choosing settings. Step 1

1. Turn camera on by setting the Select Dial to "(M) REC" position.

2. Using the "M-FOCUS" button , change the focus mode to "INFINITY (▲▲). This will cancel the "AF" and electronic flash.

3. Holding the "Mode" button down, use the command dial ◖Mode ╋ ⬭ to set the aperture to "A" - Aperture Priority Auto. The camera will set shutter speed for best exposure.

4. Rotate the command dial to set the "F" to the smallest f-stop number (approximately f2.5 to f4.0 depending on the zoom setting).

5. Using the Wide-Tele (W – T) zoom control (above the LCD screen) zoom in until the image fills the LCD screen without vignetting. (Look at the LCD screen. You should be about mid-point of the (W - T) range so you see the maximum field of view without a black cut-off at the corners or a circular image.)

Additional Settings in Menu Selection.

Press "Menu" button:

1. White Balance: The default for white balance is "Auto". However, you may want to set white balance to "Pre-set" to suit unusual lighting conditions.

2. Metering: The default for "Metering" is "MATRIX" . If your sample has a very light or very dark back ground you may want to choose "SPOT" to be sure that your target is correctly exposed.

3. Continuous: "S" is the default. Camera records one photograph each time shutter release button is fully pressed.

4. Best Shot Selector: Use default "Off".

5. Lens: Use default "Normal"

6. Image Adjustment: "Auto" is default. You may want to use more contrast to enhance the image.. Using "Black&White" will enhance resolution of black and white subjects.

7. Image Sharpening: Default is "Auto"

Please refer to the Coolpix 950/990/995 Instruction Manual for further instructions.