



Additions and corrections to the User's Manual for the COOLSCOPE

Thank you for purchasing a Nikon product.

This booklet contains important material, which you should read together with the the User's Manual for the COOLSCOPE.

Modify "7 Unpacking and Unclamping" in P.7 as indicated below.
(Change the underlined text.)

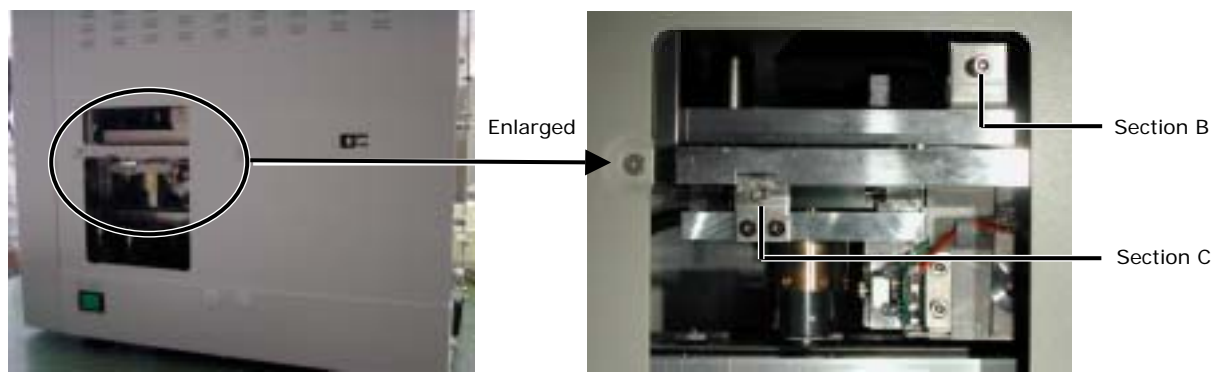
7 Unpacking and Unclamping

- COOLSCOPE
- Hex wrench
- ~~• Power cord <<deleted~~
- User's manual
- Compact flash card

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<2>


Modify "7 Unpacking and Unclamping" in P.8 as indicated below.
(Add the underlined figure.)



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<3>

Modify “2 Names and Functions of Buttons (Observation buttons)” in P.26 as indicated below.
(Add the underlined text.)

2		[MAG.] button	<p>Changes the magnification</p> <p><u>* Right-click, first to change the optical zoom magnification, then to perform autofocus.</u></p> <p><u>(Note: This function is enabled only when the optical zoom magnification is adjusted from low to high magnification)</u></p>	P.32
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<4>

Modify "2 Names and Functions of Buttons (Observation buttons)" in P.26 as indicated below.
(Add the underlined text.)

6		[APERTURE] button	Adjusts the aperture <u>(coarse movement)</u> * <u>Right-click to adjust the aperture (fine movement).</u>	P.42
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<5>

Add the following text and figure to "3 Bringing the Image into Focus (Automatic Focusing)" in P.31.

- NOTE:
- When the [AF] button is used for the first time following specimen-slide replacement, always select 5 x as the magnification. Note also that the [AF] button must be used with the specimen positioned at the center of the field of view.
 - If it is difficult to bring the image into focus, display a high-contrast area of the image at the center of the field of view and then click on the [AF] button again. Note that right-clicking on the [AF] button enables confirmation of the AF area. For more information, please refer to "1.9 Displaying the AF area on the micro image" in Chapter VI.
 - During autofocus, a progress bar is displayed on the micro image to indicate the process status. When the bar reaches the end, autofocus is complete.
 - The color of the progress bar will be the same as the color selected for the scale.



<6>

Add the following text to "4.2 Changing magnifications" in P.32.

- NOTE:
- Right-click, first to change the optical zoom magnification, then to perform autofocus. This function is enabled only when the optical zoom magnification is adjusted from low to high magnification. If the magnification is changed from high to low, right-clicking will not activate autofocus.

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No.	Item	Initial setting
1	Storage format	Image file format
		Image size
		Image quality
2	Storage medium	Compact Flash Card
3	Folder name	F
4	File name	IMAGE

[illegible]

<8>

[illegible][illegible]

<9>

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[illegible]

NOTE: If you use the [POWER OFF] button to switch off the COOLSCOPE, the observation save enable/disable conditions are saved. These settings are reloaded the next time power is switched on.

<11>

- 1) Click on the [MEMORY] button.
A number appears on the macro image. At the same time, the [RECALL] button with the same number is displayed in the Memory area. Numbers are assigned automatically incremented by 1.

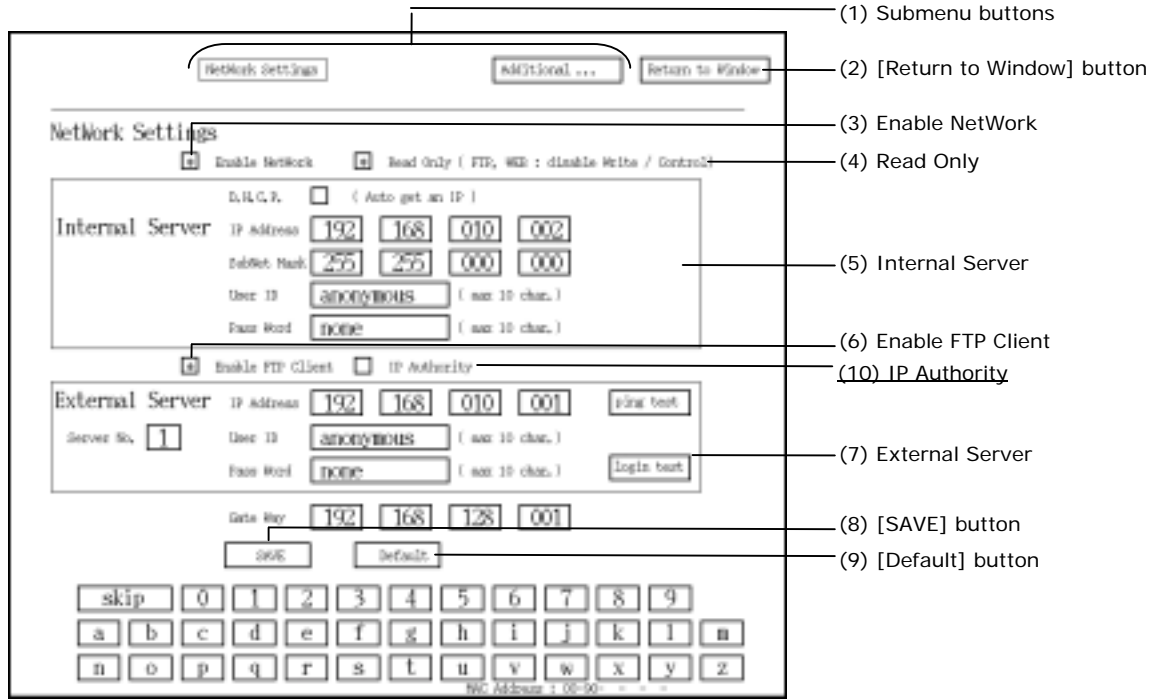


- ### Recall



<13>

Modify "3.1 NetWork Settings submenu" in P.62 as indicated below.
(Add/change the underlined text and figure.)



<14>

Modify "(4) Read Only (FTP、WEB: disable Write/Control)" in "3.1 NetWork Settings submenu" in P.62 as indicated below.
(Change the underlined text.)

(4) Read Only (FTP、WEB: disable Write/Control)

Allows you to write-enable or write-disable the Web and FTP server.

To operate the COOLSCOPE from another PC through the Web screen, as when magnifications are changed, uncheck this box so that the asterisk (*) disappears. Note, however, that this option may be left write-disabled if you simply wish to retrieve images.

☒ * = Write/COOLSCOPE operation disabled

☐ = Write/COOLSCOPE operation enabled

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Enter the date and time here.

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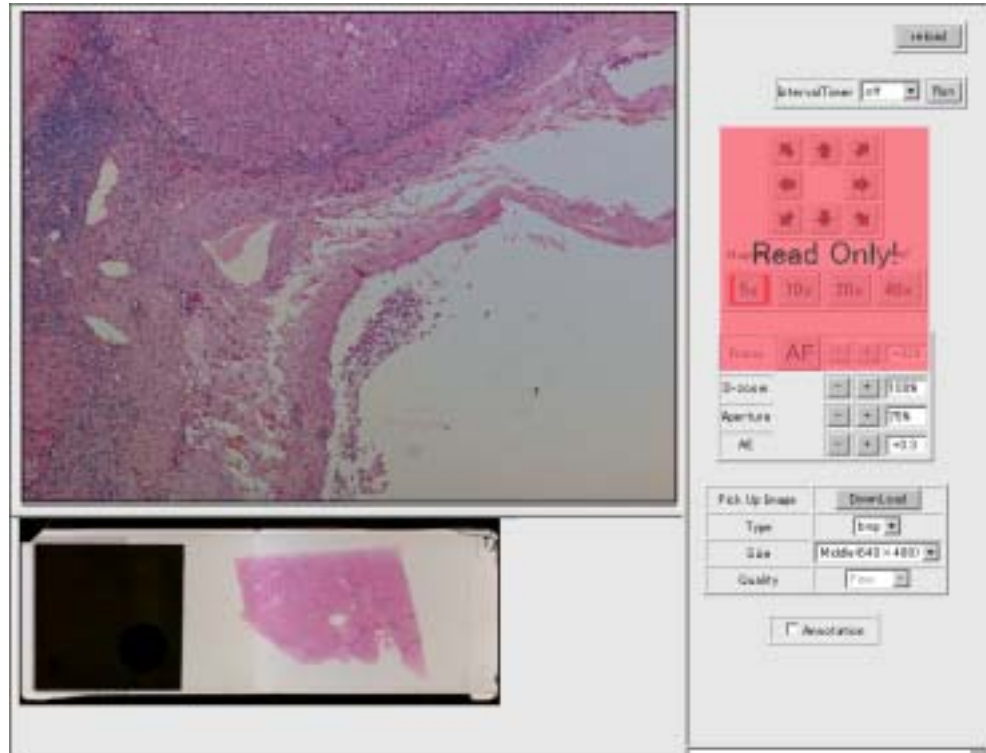
<18>

Enables/disables network operation.

- Sets the IP address of the COOLSCOPE.

Add the following text and figure to “3.3.3 WEB screen functions” in P.77

- | | |
|----------------------|---|
| (16) [+AF] Check box | Allows automatic enabling/disabling of autofocus after optical zoom magnification adjustment. |
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- 1) Click on the [MAG.] button.
Changing magnifications automatically adjusts the lighting brightness and aperture.



NOTE:

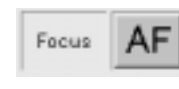
- Changing magnifications from the PC automatically updates the micro image.
- This function is disabled if the COOLSCOPE network setting is set to "Read Only."

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<25>

The image is brought into focus with 5x selected as the magnification.

- 1) Click on the [AF] button. The image is automatically brought into focus.



NOTE:

- When the [AF] button is used for the first time following specimen-slide replacement, always select 5 x as the magnification. Note also that the [AF] button must be used with the specimen positioned at the center of the field of view.
- If it is difficult to bring the image into focus, display a high-contrast area of the image at the center of the field of view and then click on the [AF] button again.
- Executing auto focus from the PC automatically updates the micro image.
- This function is disabled if the COOLSCOPE network setting is set to "Read Only."

