

***Nikon***

**Stereoscopic Zoom Microscope**

**SMZ-Series Support Tools**

(Software for SMZ series microscopes)

Software Manual



# Introduction



Thank you for purchasing this Nikon product.

This manual describes how to install and use the SMZ-Series Support Tools software for SMZ series microscopes. To ensure correct use, please read this manual carefully before operating the product.

Refer to the hardware manual for detailed information on the procedure for connecting your microscope and the system configuration.

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  - If you intend to use any other equipment with this product, read the manual for that equipment too.
  - If this equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.
- 
- Prerequisite knowledge  
This manual assumes a basic familiarity with Windows.  
If you come across unfamiliar terms or operations while reading through this manual, consult the user's manual for your version of Windows.
  - About the example screens used in the manual  
This manual describes various operations in Windows 7 and Windows 10 by showing Windows 7 screens as examples. Procedures are virtually identical for Windows 7 and Windows 10. Depending on the specific operating system (hereinafter referred to as OS) type or version, the actual appearance of the screen or operations may not correspond precisely to the example screens shown at various points throughout the manual. For information on operations or screens specific to your version of Windows, refer to the user's manual.
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# 1

## Preparation

This chapter describes hardware and the SMZ-Series Support Tools software requirements and how to install and uninstall the software.

### 1.1

### Hardware and Software Requirements

#### CAUTION

- Before installing the SMZ-Series Support Tools, confirm that your PC meets the minimum requirements given below for memory and available hard disk space.
- Install the application before connecting your PC and microscope system.

#### PC main unit

Item	Specifications
CPU	Processor of 1 GHz or higher
Memory	1 GB or more (for 32-bit OS) 2 GB or more (for 64-bit OS)
Hard disk drive	100 MB or more free space
Video RAM	128 MB or more
OS	Windows 7 Professional SP1 or later (32-bit/64-bit, Japanese or English version) Windows 10 Pro (64-bit, Japanese or English version)
Remarks	The SMZ-Series Support Tools installer program can be downloaded from the website. The SMZ-Series Support Tools software is not guaranteed to be compatible with all PCs. Please contact your distributor for detailed compatibility information.

#### Display

Item	Specifications
Resolution	1,024 x 768 pixels. A monitor/video card capable of True Color output is recommended.

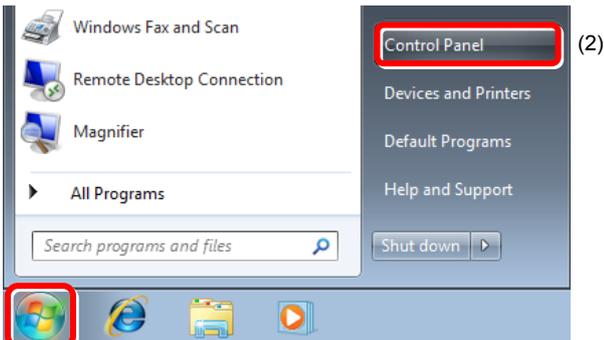
### 1.1.1 Checking Available RAM

Check the amount of available RAM in the [System Properties] dialog box.

**[Memory]: There must be at least 1 GB (32-bit OS) or 2 GB (64-bit OS).**

#### Operating procedure

##### ▼ Start menu

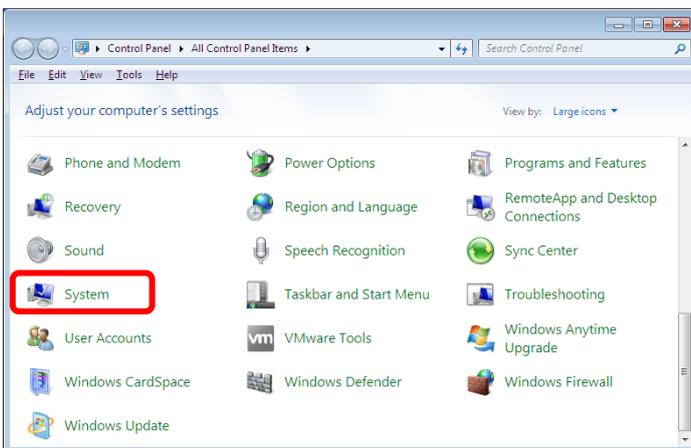


(1)

(1) Click the [Start] button.

(2) Click [Control Panel] to display the [Control Panel] window.

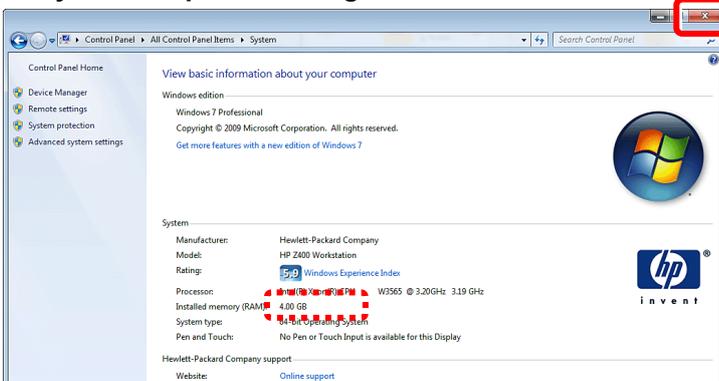
##### ▼ Control Panel window



(3) Double-click the [System] icon in the [Control Panel] window. The [System Properties] dialog box appears.

This figure shows the Control Panel window when [Large icons] is selected for View by.

##### ▼ System Properties dialog box



(4) In the [System Properties] dialog box, check that the installed memory for 32-bit OS is at least 1 GB or the installed memory for 64-bit OS is at least 2 GB.

(5) Click the [Close] button to close the [System Properties] dialog box.

## 1.1.2 Checking the Free Hard Disk Space

Check the amount of free space on the hard disk in the [Computer] window. If there is insufficient free space on the hard disk, increase the available free space by uninstalling any unnecessary applications.

**[Hard disk]: The hard disk must have at least 100 MB of free space.**

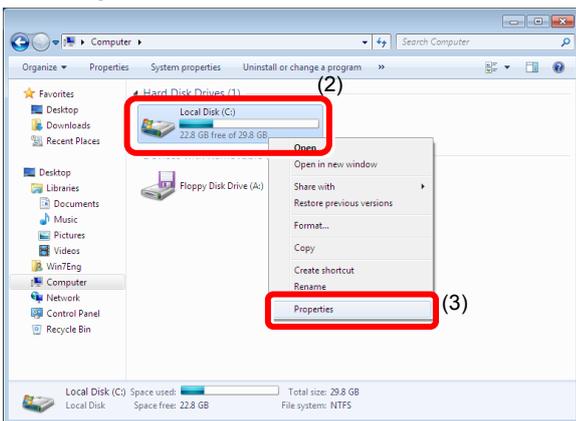
### Operating procedure

#### ▼ Desktop



- (1) Double-click the [Computer] icon. The [Computer] window appears.

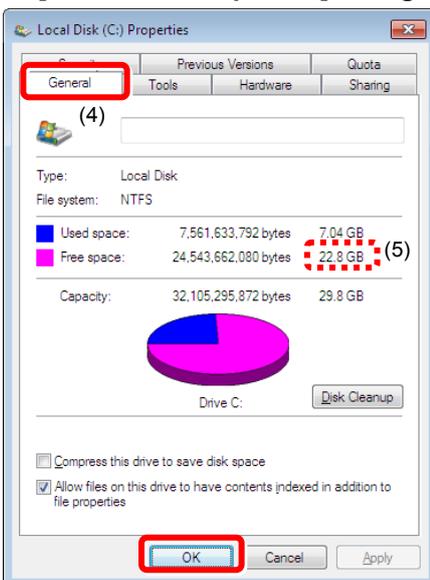
#### ▼ Computer window



- (2) Right-click on the [Drive] icon in the [Computer] window for the drive on which you want to install the application.

- (3) Click [Properties] in the [Shortcut] menu. The [Properties] dialog box for the selected drive appears.

#### ▼ [Local Disk Properties] dialog box



- (4) Click the [General] tab of the [Properties] dialog box.
- (5) Check that at least 100 MB of free space is available on the hard disk.
- (6) Click the [OK] or the [Cancel] button to close the [Properties] dialog box.

(6)

## 1.2 Installing the Application

This section describes how to install the SMZ-Series Support Tools.

### CAUTION

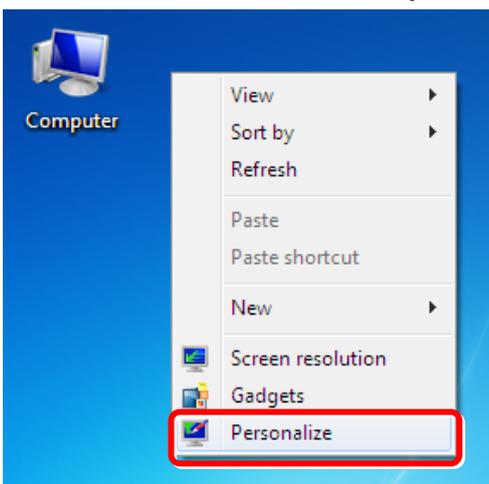
- Install the application before connecting the microscope system to the PC.
- To install the SMZ-Series Support Tools, you must login to your PC with a user account with Administrator rights.

### 1.2.1 Closing All Other Applications

Before installing the SMZ-Series Support Tools, close all background programs such as the screensaver and anti-virus utility.

#### Closing the screensaver

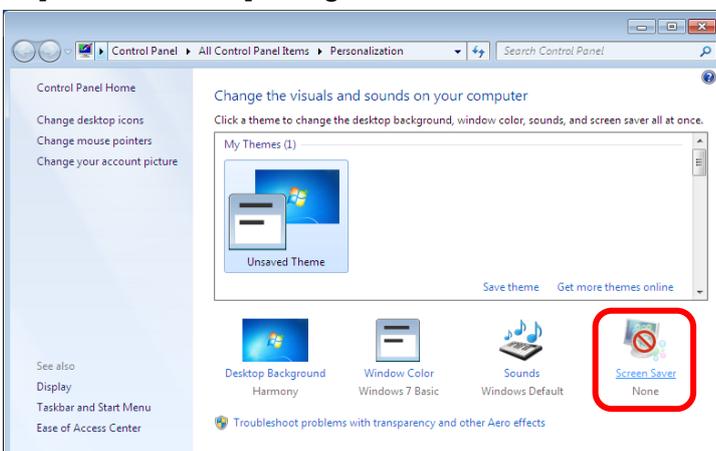
##### ▼ Shortcut menu on the desktop



(1) Right-click on the desktop to display a shortcut menu.

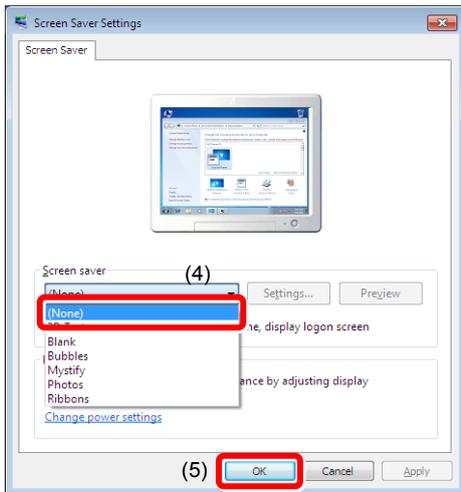
(2) Click [Personalize] in the shortcut menu.  
The [Personalization] dialog box appears.

##### ▼ [Personalization] dialog box



(3) Click [Screen Saver] in the [Personalization] dialog box.  
The [Screen Saver] Settings dialog box appears.

▼ [Screen Saver Settings] dialog box



(4) In the [Screen Saver] Settings dialog box, select [(None)] from the [Screen saver] pulldown menu.

(5) Click the [OK] button.

## 1.2.2 Executing the Setup Wizard

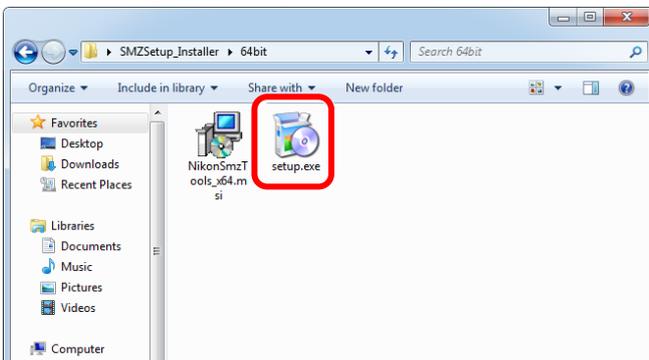
To install the application software, execute the installer (setup.exe) downloaded from the website, then follow the on-screen instructions.

### CAUTION

- To install the SMZ-Series Support Tools, you must login as Administrator.
- For information on uninstalling the SMZ-Series Support Tools, refer to Section 1.3, “Uninstalling the Application”.

## Executing the Setup Wizard

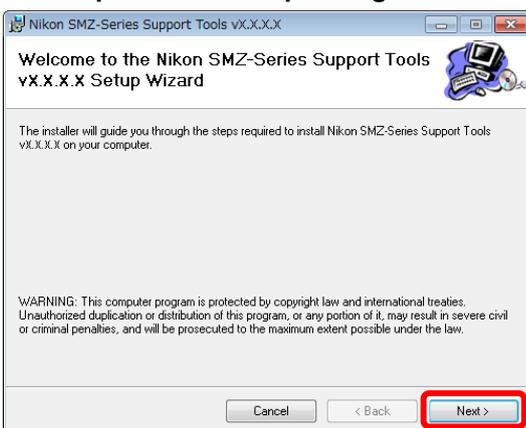
### ▼ Executing the Setup Wizard



- (1) Double-click the setup.exe file in the folder for the installer downloaded from the website. The Setup wizard startup dialog box appears.

## Installation

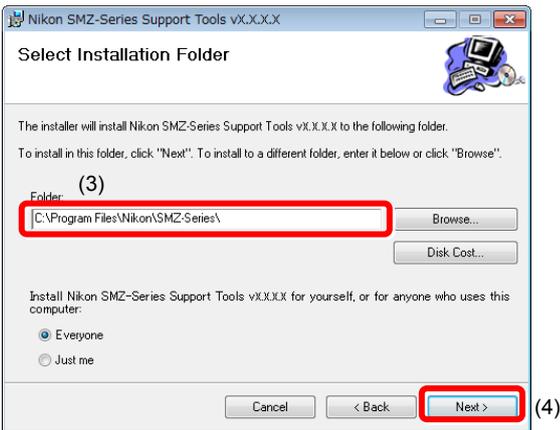
### ▼ Setup wizard startup dialog box



- (2) Click the [Next] button in the Setup wizard startup dialog box. The Installation folder setup dialog box appears.

1.2 Installing the Application

▼ Installation folder setup dialog box



(3) In the Installation folder setup dialog box, specify the folder in which the SMZ-Series Support Tools will be installed.

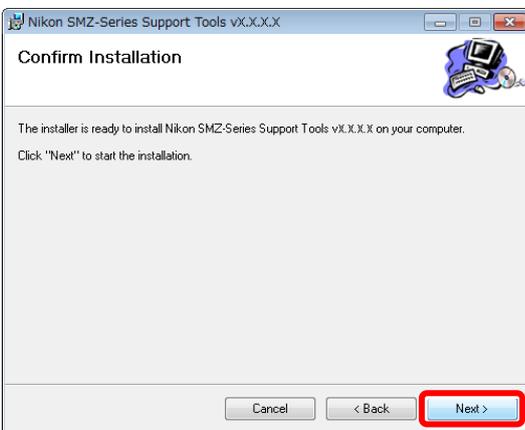
The default folder is  
C:\Program Files\Nikon\SMZ-Series\.

To install the software in a different folder, click the [Browse...] button.

(4) Select the desired folder and then click the [Next] button.

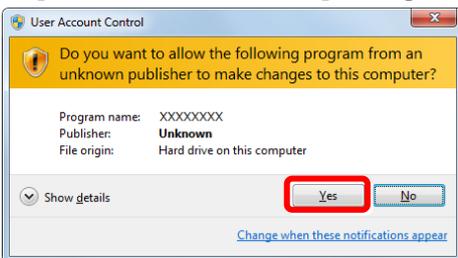
The Confirmation Installation dialog box appears.

▼ Confirm Installation dialog box



(5) Click the [Next] button in the Confirm Installation dialog box. The software is installed in the specified folder.

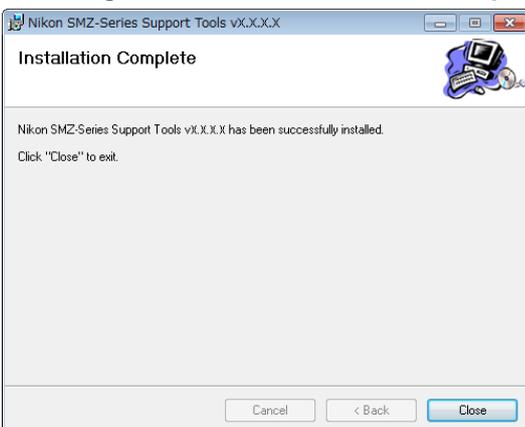
▼ [User Account Control] dialog box



(6) When the [User Account Control] dialog box appears, click the [Yes] button.

The installation progress dialog box appears.

▼ Dialog box when installation is complete



(7) After the installation, the dialog box shown on the left appears.

Click the [Close] button to exit the wizard.

**The application is now installed.**

### 1.2.3 Installing the Driver

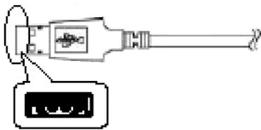
After installing the SMZ-Series Support Tools, connect the microscope system to your PC with a USB cable.

When the system is connected to the PC for the first time, the driver is installed automatically.

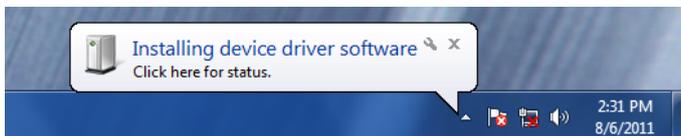
#### Windows 7

##### ▼ USB connector

USB A connector



- (1) Plug the USB cable's A connector into the port on the PC and the other end into the USB port on the microscope system.



- (2) Turn on the microscope system.  
The installation of the driver automatically starts.



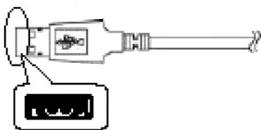
**The driver is now installed.**

#### Windows 10

On Windows 10, the driver of the microscope device may not be recognized automatically. In that case, reinstall the driver manually.

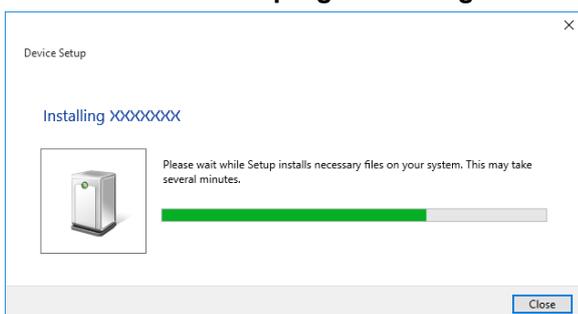
##### ▼ USB connector

USB A connector



- (1) Plug the USB cable's A connector into the port on the PC and the other end into the USB port on the microscope system.
- (2) Turn on the microscope system.

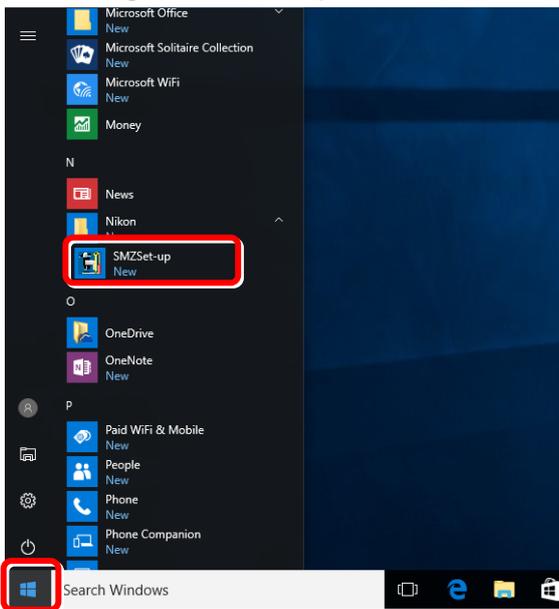
##### ▼ Driver installation progress dialog box



- (3) The driver installation progress dialog box appears.  
After the installation, click the [Close] button to close the dialog box.

## 1.2 Installing the Application

## ▼ Starting the SMZ Setup



- (4) Click the [Start] button, [All apps], [Nikon], and [SMZSet-up] to start SMZ Setup.

The SMZ Setup main window opens.

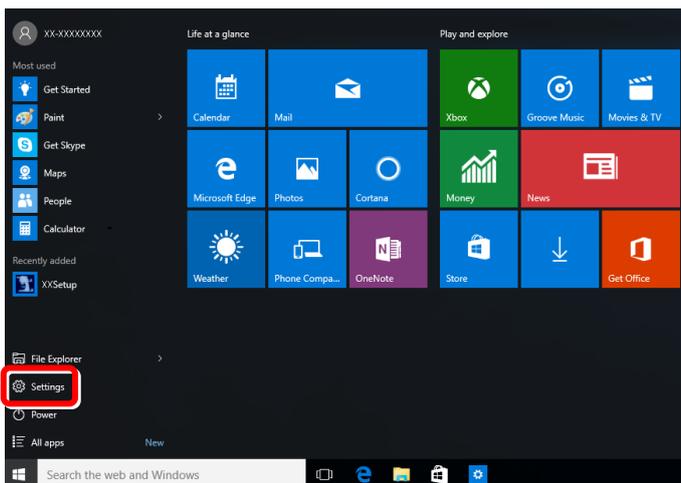
If the SMZ Setup does not start correctly, install the driver again according to the following procedure.

Go to the next step.

■ CAUTION

Do not unplug the USB cable that connects the microscope to the PC while SMZ Setup is running.

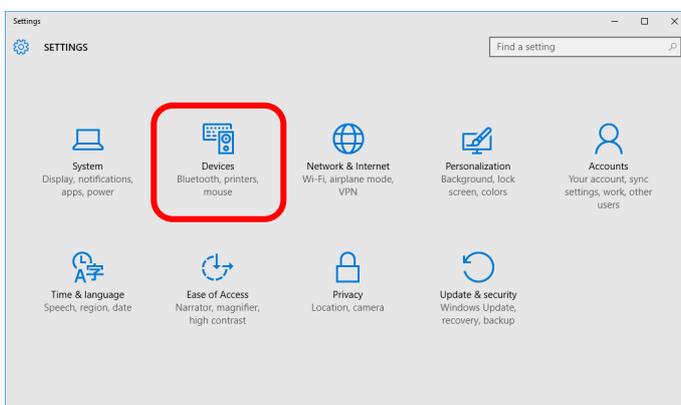
## ▼ Windows Start menu



- (5) Click the [Start] button at the lower left of the desktop screen to display the Start menu.

- (6) Click [Settings] to display the SETTINGS window.

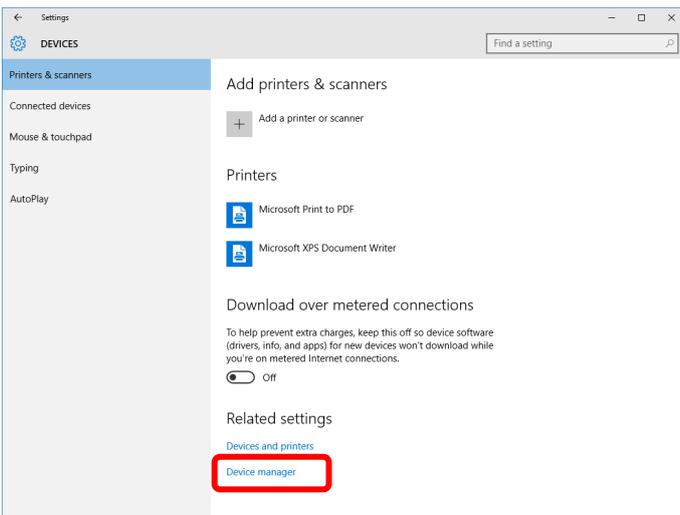
## ▼ SETTINGS window



- (7) Click [Devices] to display the DEVICES window.

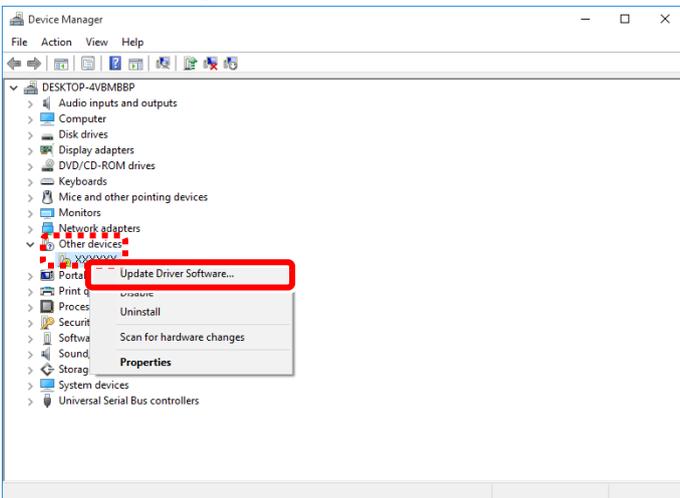
1.2 Installing the Application

▼ DEVICES window



(8) Click [Device manager] to display the Device Manager window.

▼ Device Manager window

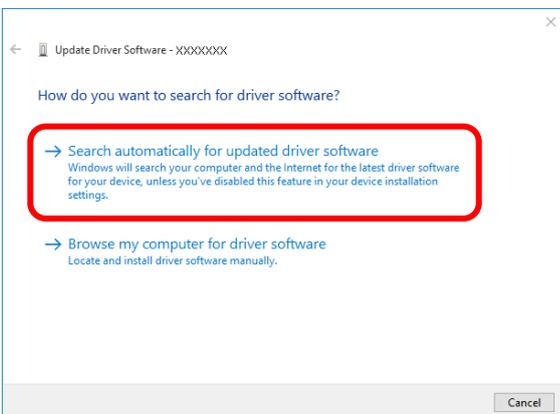


(9) Check the driver status.

If the microscope device name is displayed under “Other drivers”, driver detection is not successful.

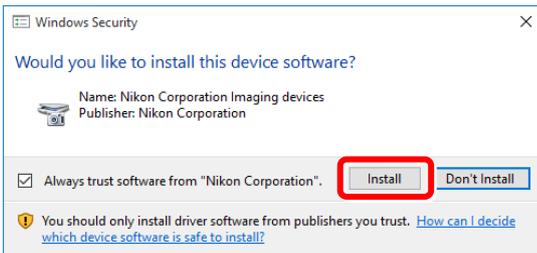
(10) Right-click on the microscope device name to display the sub menu, and select [Update Driver Software...].

▼ Update Driver Software



(11) Click [Search automatically for updated driver software].

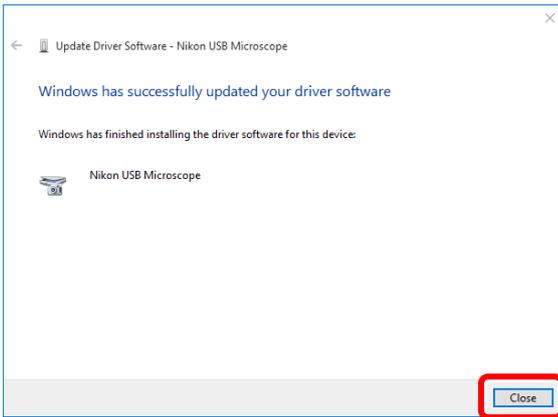
▼ Driver software installation



(12) Click the [Install] button.

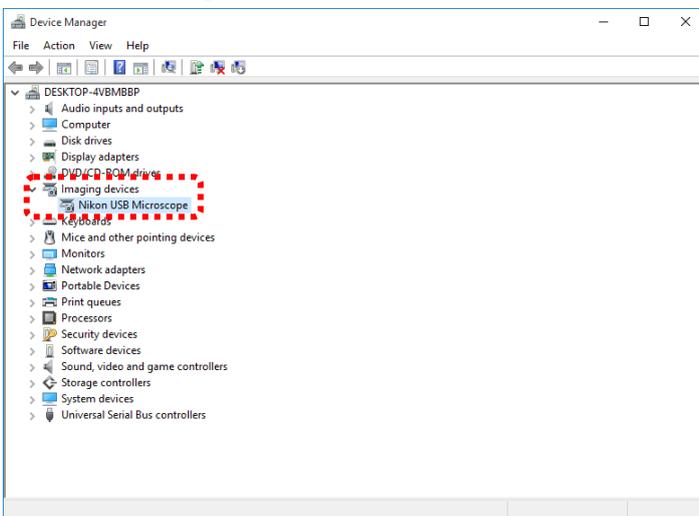
The driver installation starts.

▼ Driver software installation



(13) After installing the driver, click the [Close] button.

▼ Device Manager window



(14) In the Device Manager window, check that [Nikon USB Microscope] is displayed under [Imaging devices].

The driver is now reinstalled.

## 1.3 Uninstalling the Application

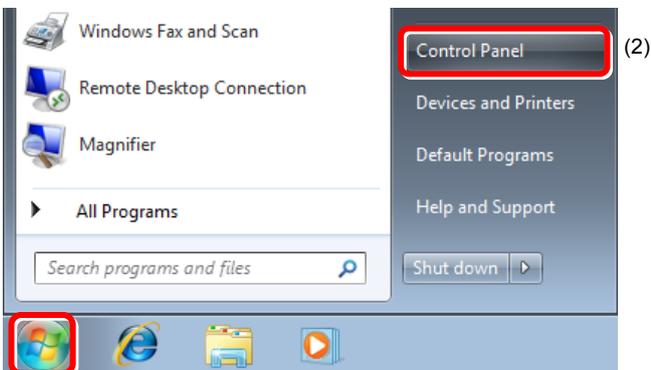
If you no longer need the SMZ-Series Support Tools software and wish to uninstall it (remove it from the hard disk), uninstall it using the [Programs and Features] utility in the [Control Panel].

### CAUTION

- Once uninstalled, the application software cannot be used unless it is installed again.

### Uninstallation

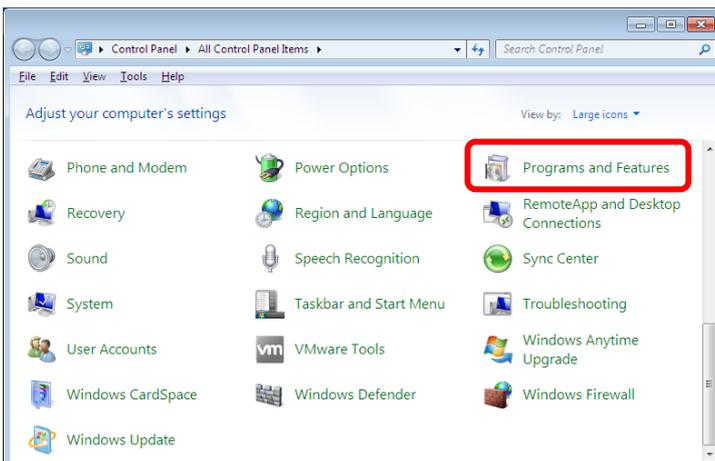
#### ▼ Start menu



(1) Click the [Start] button.

(2) Click [Control Panel] to display the [Control Panel] window.

#### ▼ Control Panel window

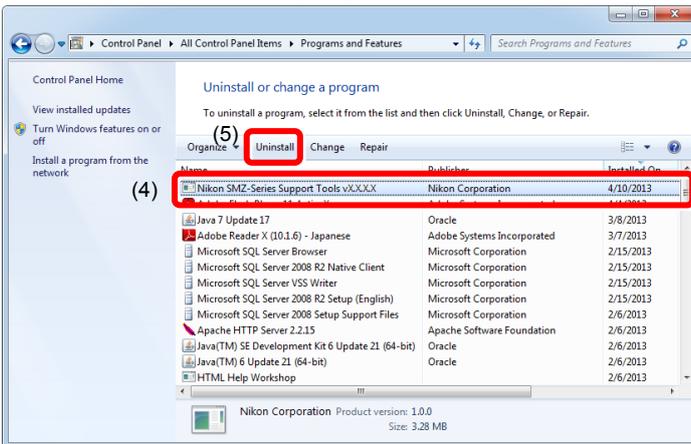


(3) Double-click the [Programs and Features] icon in the [Control Panel] window. The dialog box for selecting a program to uninstall appears.

This figure shows the Control Panel window when [Large icons] is selected for View by.

1.3 Uninstalling the Application

▼ Dialog box to select programs to be uninstalled

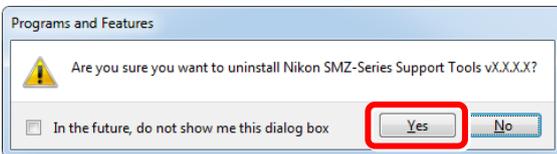


(4) Select [Nikon SMZ-Series Support Tools vX.X.X.X] from the list in the dialog box.

(“vX.X.X.X” varies with the version number.)

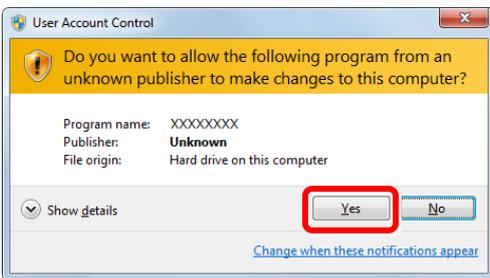
(5) Click the [Uninstall] button.

▼ [Programs and Features] dialog box



(6) When the [Programs and Features] dialog box appears, click the [Yes] button. Uninstallation starts.

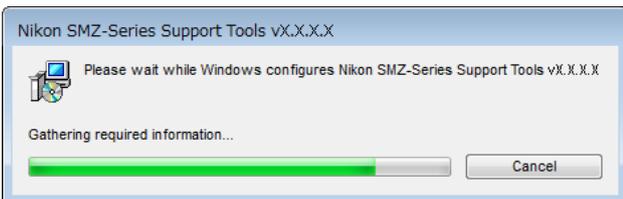
▼ [User Account Control] dialog box



(7) When the [User Account Control] dialog box appears, click the [Yes] button.

The uninstallation starts.

▼ Uninstallation progress dialog box



The uninstallation progress dialog box appears and the application is deleted from the PC.

**The application is now uninstalled.**

# 2

## SMZ-Series Support Tools Configuration —

When the Nikon Stereoscopic Zoom Microscope SMZ-Series Support Tools software is installed, the following application software is installed on the PC.

- **SMZ Setup**

When you connect the microscope system to the PC for the first time or when you change the microscope system configuration, use this application software to set the microscope system information, to send the information to the microscope system, and to register the information in the system memory.

For more details on the software operation, refer to Chapter 3, "Using SMZ Setup."

### CAUTION

- **If you are using a SMZ-Series Nikon Stereoscopic Zoom Microscope for the first time, register the microscope system information in the microscope main body using SMZ Setup.**
- **Transmitted information is stored in memory on the microscope system, but transmitting new information will overwrite information previously stored in memory. Nikon recommends saving setup information made in SMZ Setup to a file after assigning the file an appropriate name.**
- **Only one microscope system can be connected to a PC.**

# 3

## Using SMZ Setup

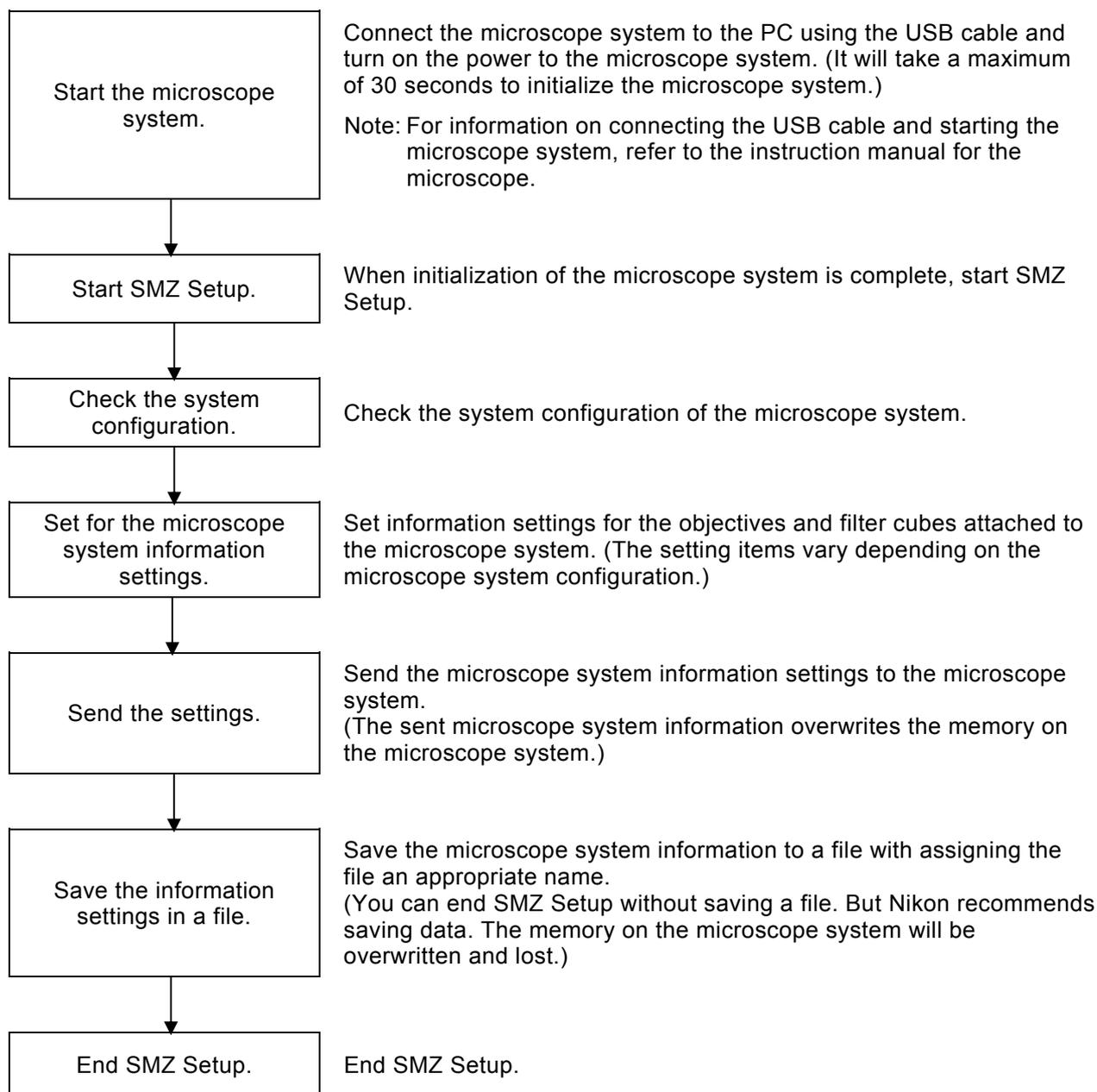
SMZ Setup is an application used for initializing stereoscopic zoom microscope systems.

When a microscope system is connected to a PC for the first time, use this application software to set the microscope system information, to send the information to the microscope system, and to register the information in the system memory.

### 3.1

### SMZ Setup Workflow

The SMZ Setup workflow for setting the microscope system information is shown below.



**3.1.1 Setting Item List**

A list of items that can be set is shown below:

## Factory Default Condition

- └ Returning the Settings to the Factory Defaults (3.4)

## System Configuration (3.5)

- └ System Configuration Confirmation (3.5.1)

## Setting Up Objectives (3.6)

- └ Objective Mounting Setup (3.6.1)

## Setting Up Eyepiece (3.7)

- └ Eyepiece Mounting Setup (3.7.1)

## Filter Cube Setup (3.8)

- └ Filter Cube Mounting Setup (3.8.1)
- └ Registration of New Filter Cubes (3.8.2)

## Control Setup (3.9)

- └ Remote Control Settings (3.9.1)
- └ ALZ Settings (3.9.2)
- └ Setting the Retracting Amount of the Z Stage (3.9.3)
- └ Setting the Coaxial Epi Illuminator (3.9.4)

## Data Transfer Process (3.10)

- └ Data transfer to the microscope

## Save Process (3.11)

- └ Data save to a file

## Load Process (3.12)

- └ Data load from a file

## Data Acquisition Process (3.13)

- └ Obtaining the information of the microscope

## 3.2 Starting and Ending SMZ Setup

You can start and end SMZ Setup in several ways.

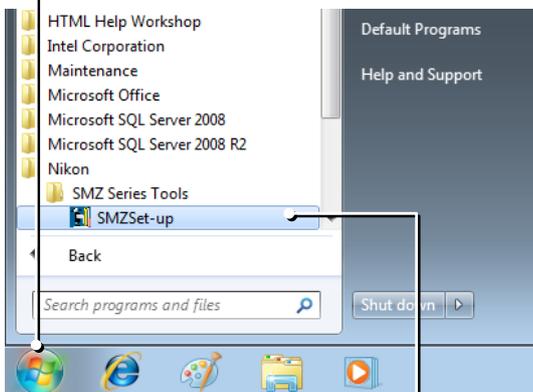
The method explained here, using the Start menu to start and the [Exit] button in the operation window to end, is a normal method.

### 3.2.1 Starting Up

#### Procedure

##### ▼ Start menu

(1) Click the [Start] button.



(2) Point to [All Programs], [Nikon], and [SMZ Series Tools], and then click [SMZSet-up].

Confirm that the microscope is connected before starting the PC.

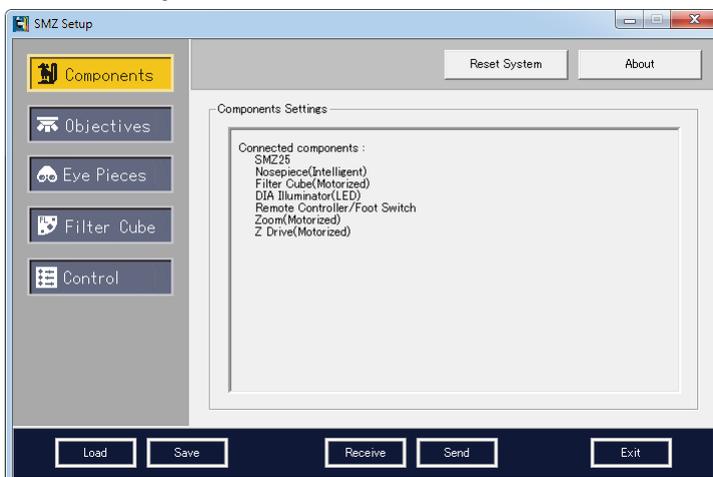
(1) Click the [Start] button.

(2) Point to [All Programs], [Nikon], and [SMZ Series Tools] and then click [SMZSet-up] to start SMZ Setup. The SMZ Setup main window opens.

#### ■ CAUTION

Do not unplug the USB cable that connects the microscope to the PC while SMZ Setup is running.

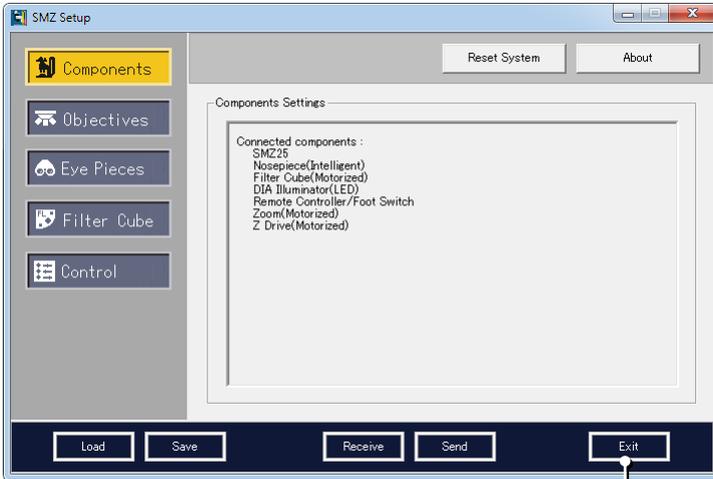
##### ▼ SMZ Setup main window



### 3.2.2 Ending the Software

#### Procedure

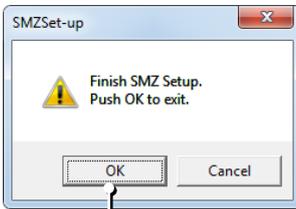
##### ▼ SMZ Setup main window



(1) Click the [Exit] button.

(1) Click the [Exit] button.

##### ▼ Confirmation dialog box



(2) Click the [OK] button.

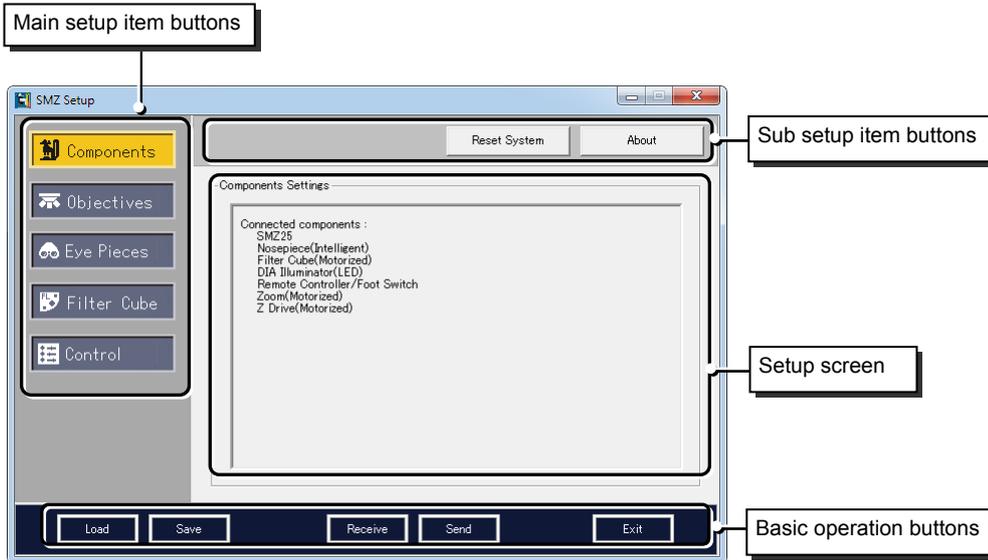
(2) A confirmation message appears. Click the [OK] button to end the software.

## 3.3

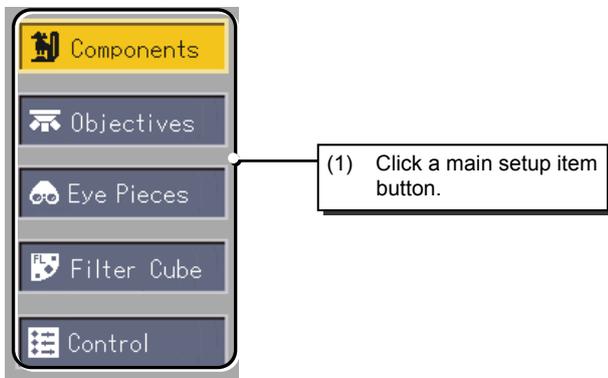
## Layout of the SMZ Setup Main Window

The SMZ Setup main window consists of the main setup item buttons, sub setup item buttons, basic operation buttons, and the setup screen.

## ▼ SMZ Setup main window



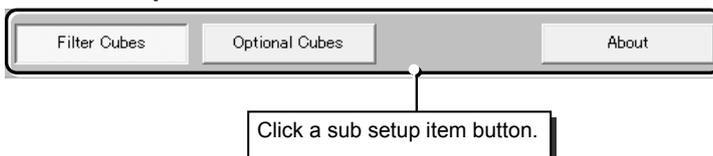
## ▼ Main setup item button



On the left side of the window, select the main setup item button for the item to be set.

- (1) When the main setup item button for any setup item is selected, the middle part of the window changes to a setup screen for that item.

## ▼ Sub setup item button



For some items, sub setup item buttons are displayed in the upper part of the window. In such a case, click a sub setup item button as needed to change the setup screen, and set respective settings.

## ▼ Basic operation button

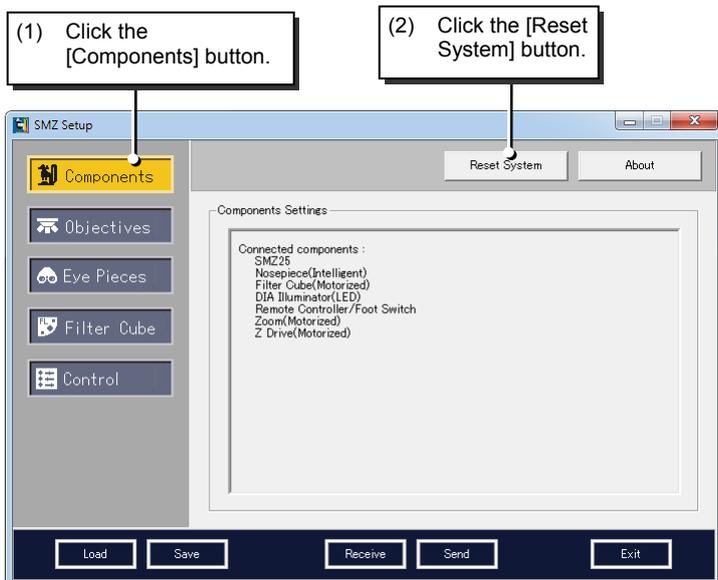


Click a basic operation button at the lower part of the window as needed.

## 3.4 Returning the Settings to the Factory Defaults

To reset the microscope system settings to the factory default condition, perform the following

### ▼ Setting mode selection



(1) Click the [Components] main setup item button.

(2) Click the [Reset System] button.

(3) A confirmation message appears. Click the [OK] button.

(4) A confirmation message “Please reboot a microscope.” appears. Click the [OK] button.

(5) The confirmation message “Finish this system.” appears. Click the [OK] button.

#### ■ Note:

After resetting the microscope system settings, make sure to turn off the microscope main body and then turn on again. Also end and restart the setup software (SMZ Setup).

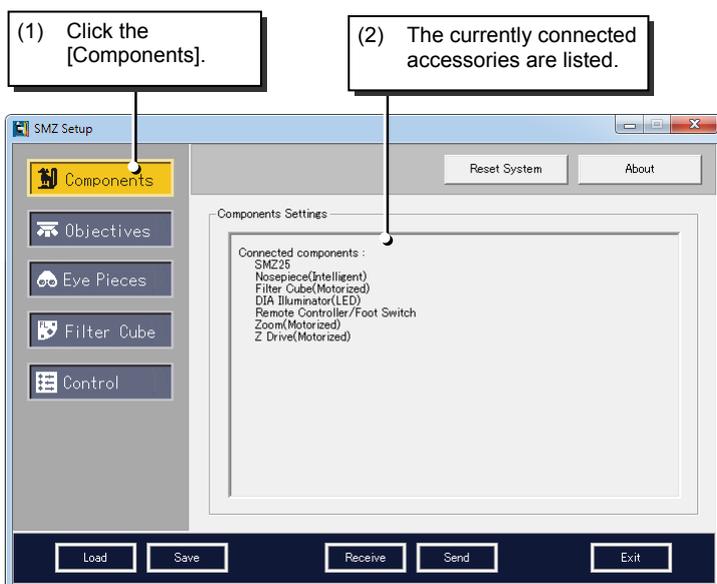
## 3.5 System Configuration

Check the accessories installed on the microscope system.

### 3.5.1 System Configuration Confirmation

Display the accessories connected to the microscope.

#### ▼ System configuration settings screen



(1) Click the [Components] main setup item button.

(2) The currently connected accessories are listed in the Components Settings area.

■ Note:

If the displayed accessories differ from the installed accessories, close the SMZ Setup screen and turn off the microscope system, and then recheck the connections of connectors.

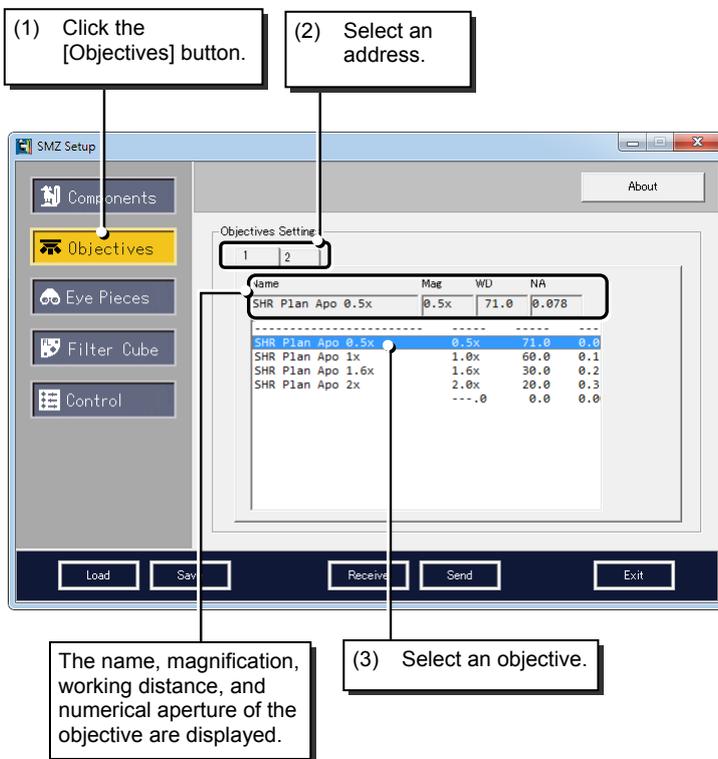
## 3.6 Setting Up Objectives

By setting up the objectives, you can monitor the operation status of the nosepiece at a glance.

### 3.6.1 Objective Mounting Setup

In the objective mounting setup screen, set information for the objectives mounted at each nosepiece address.

#### ▼ Objective mounting setup screen



- (1) Click the [Objectives] main setup item button.
- (2) From the tab, select the address for which you want to set objective information.
- (3) Select the type of objective from the list box.
- (4) To set information for another address, go back to Step (2) and repeat the setup procedure.

- Note:  
When no objective is attached, select [-----].

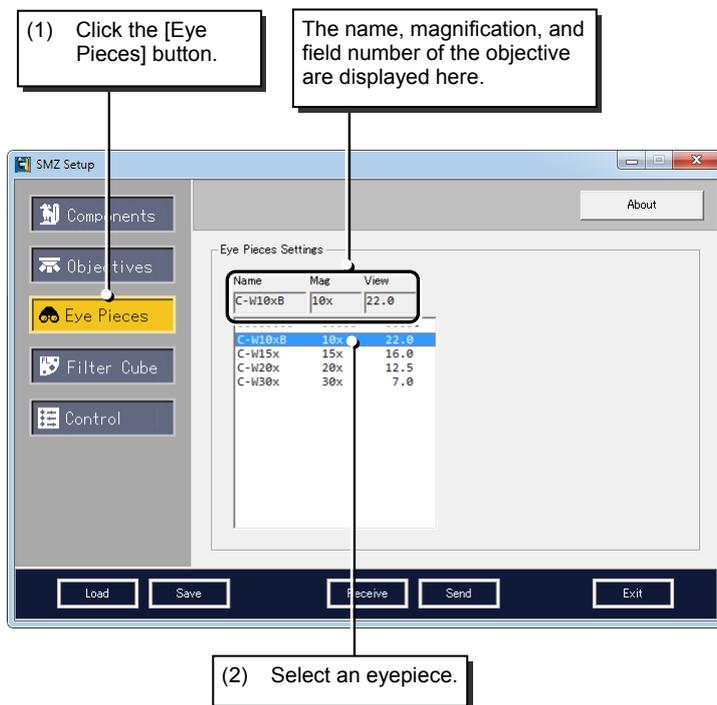
## 3.7 Eyepiece Setup

Setting eyepiece allows you to timely grasp the total magnification when you look through the eyepiece.

### 3.7.1 Eyepiece Mounting Setup

In the eyepiece mounting setup screen, set the information for the attached eyepiece.

#### ▼ Eyepiece mounting setup screen



(1) Click the [Eye Pieces] main setup item button.

(2) Select the eyepiece type from the list box.

■ Note:

When no eyepiece is attached, select [----].

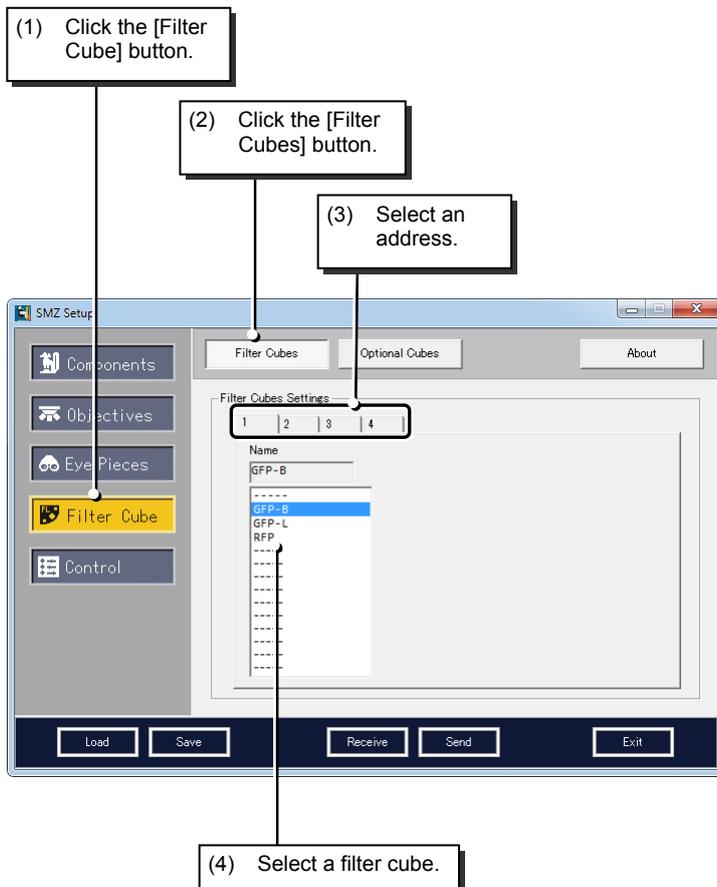
## 3.8 Filter Cube Setup

By setting filter cubes, you can monitor the filter cubes in use at a glance.

### 3.8.1 Filter Cube Mounting Setup

In the filter cubes settings screen, set information on the filter cube attached at each filter cube turret address (filter cube bay).

#### ▼ Filter cubes settings screen



- (1) Click the [Filter Cube] main setup item button.
- (2) Click the [Filter Cubes] sub setup item button.
- (3) From the tab, select the address for which you want to set a filter cube.
- (4) Select the filter cube type from the list box.
- (5) To set information for another address, go back to Step (3) and repeat the setup procedure.

■ Note:

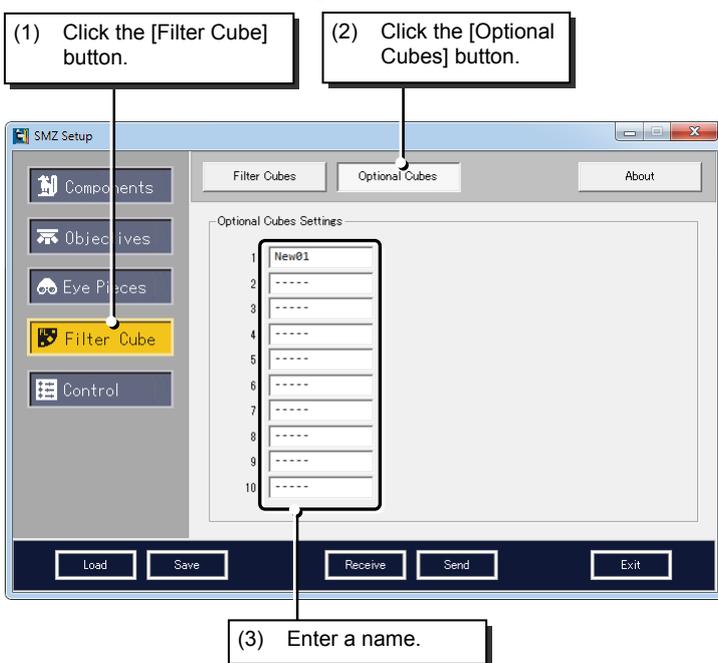
When no filter cube is attached, select [-----].

### 3.8.2 Registration of New Filter Cubes

In the optional cubes settings screen, up to 10 filter cubes can be registered.

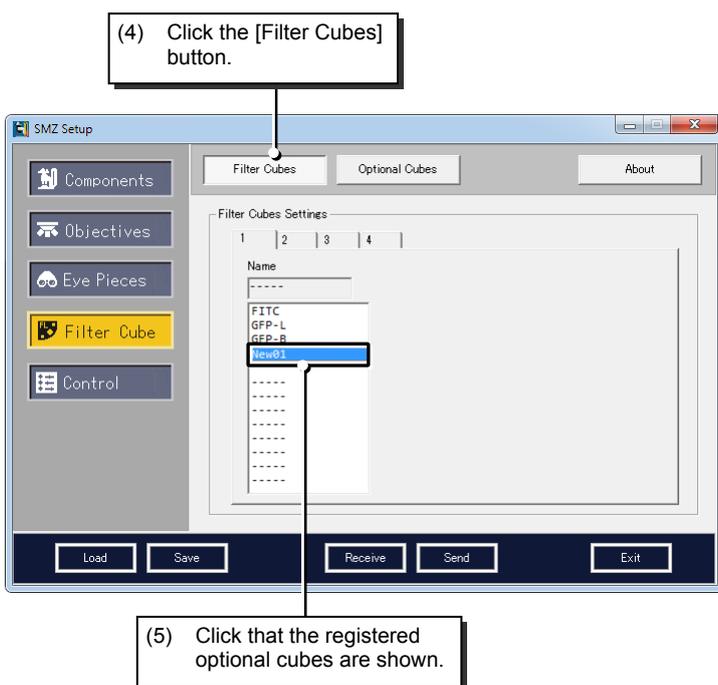
Filter cubes registered here are shown at the end of the list when the [Filter Cubes] button among sub setup item buttons is clicked.

#### ▼ Optional cubes settings screen



- (1) Click the [Filter Cube] main setup item button.
- (2) Click the [Optional Cubes] sub setup item button.
- (3) Enter a filter cube name in each field (fields 1 to 10) using up to 5 single-byte alphanumeric characters per name.

#### ▼ Filter cubes settings screen



- (4) Click the [Filter Cubes] sub setup item button.
- (5) The registered optional cubes are shown at the bottom of the list.

■ **Note:**

Registered optional cubes can be set for the microscope in the same way as the normal filter setting.

See “3.8.1 Filter Cube Mounting Setup.”

## 3.9 Control Setup

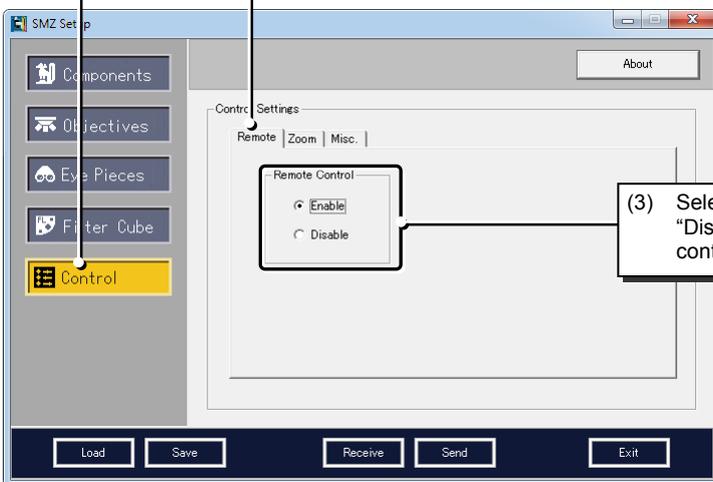
The control setup screen is used to set remote control, ALZ function usability, and the retracting amount of the Z stage.

### 3.9.1 Remote Control Settings

#### ▼ Control setup screen

(1) Click the [Control] button.

(2) Select the [Remote] tab.



(3) Select "Enable" or "Disable" for remote control.

(1) Click the [Control] main setup item button.

(2) Select the [Remote] tab.

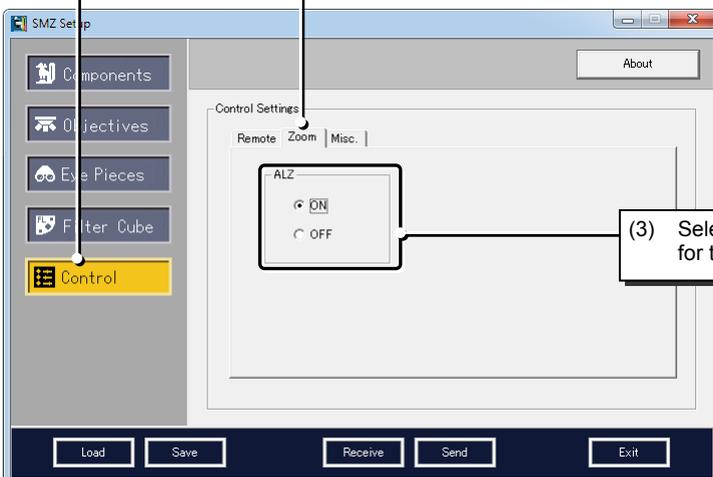
(3) Select whether to enable or disable remote control. (Select "Enable" to enable remote control.)

### 3.9.2 ALZ Settings

#### ▼ Control setup screen

(1) Click the [Control] button.

(2) Select the [Zoom] tab.



(3) Select "ON" or "OFF" for the ALZ function.

(1) Click the [Control] main setup item button.

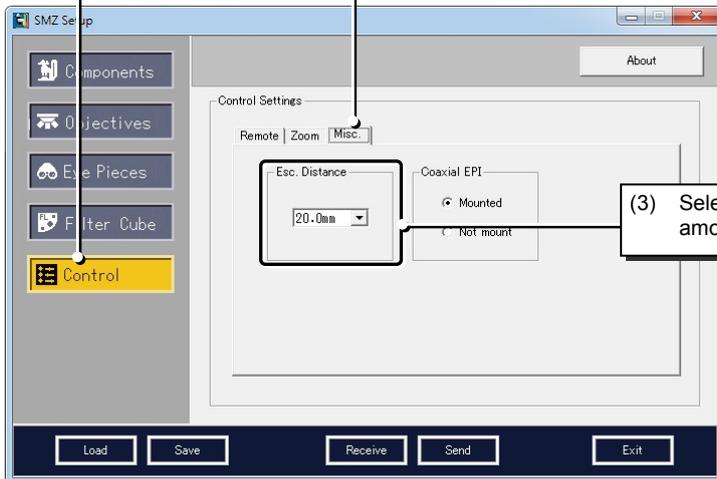
(2) Select the [Zoom] tab.

(3) Select whether to enable or disable the ALZ function. (Select "ON" to enable the ALZ function.)

**3.9.3 Setting the Retracting Amount of the Z Stage****▼ Control setup screen**

(1) Click the [Control] button.

(2) Select the [Misc.] tab.



(3) Select the retracting amount of the Z stage.

(1) Click the [Control] main setup item button.

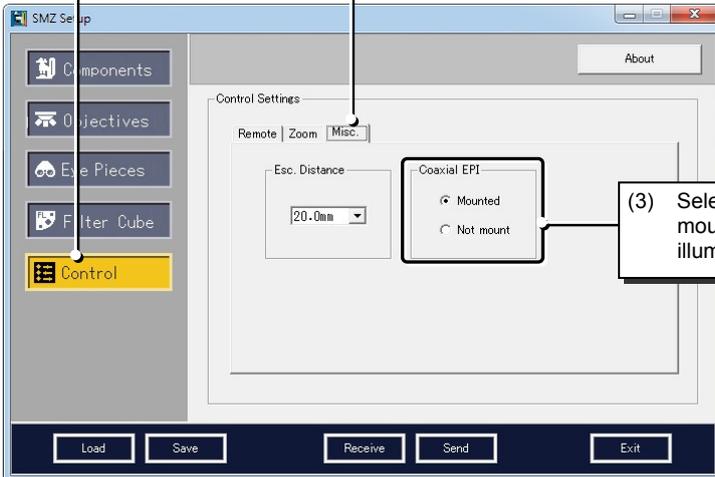
(2) Select the [Misc.] tab.

(3) Select the retracting amount of the Z stage.

**3.9.4 Setting the Coaxial Epi Illuminator****▼ Control setup screen**

(1) Click the [Control] button.

(2) Select the [Misc.] tab.



(1) Click the [Control] main setup item button.

(2) Select the [Misc.] tab.

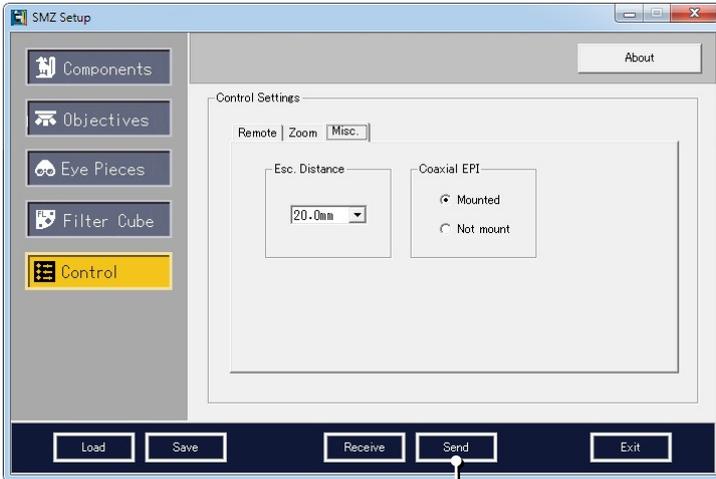
(3) Select whether the coaxial epi illuminator is mounted or not mounted. (Select "Mounted" when the coaxial epi illuminator is mounted.)

(3) Select "Mounted" or "Not mount" for the coaxial epi illuminator.

## 3.10 Data Transfer Process

When the [Send] button is clicked after all settings have been made, set information is sent to the microscope system.

### ▼ SMZ Setup main window



(1) Click the [Send] button.

(1) Click the [Send] button.

A confirmation dialog box appears. Click the [OK] button in the confirmation dialog box to send the set information to the microscope system.

The data is registered in the microscope system.

■ Note:

Before sending the set information to the microscope system, check whether the set information is correct.

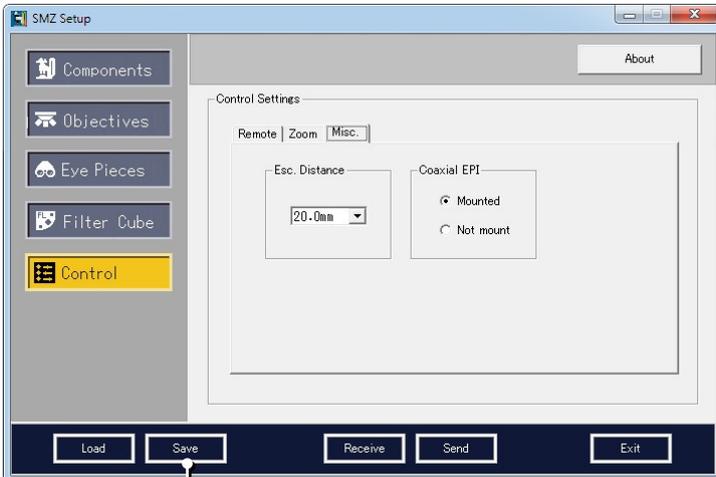
If the [Cancel] button is clicked in the confirmation dialog box, the set information is not sent to the microscope system.

The [Send] button can be clicked regardless of whether or not any main setup item button is selected.

## 3.11 Save Process

The set information can be saved to a data file.

### ▼ SMZ Setup main window



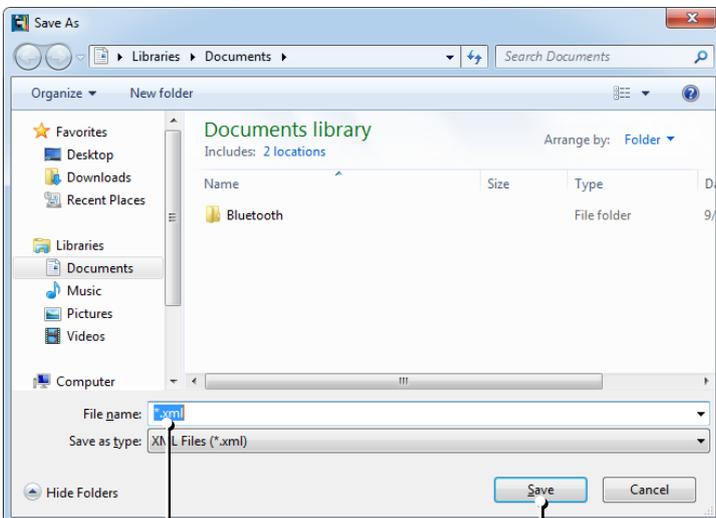
(1) Click the [Save] button.

- (1) Click the [Save] button.  
The Save As window appears.

■ Note:

The [Save] button can be clicked regardless of whether or not any main setup item button is selected.

### ▼ Save As window



(2) Enter a file name.

(3) Click the [Save] button.

- (2) Enter a file name.

- (3) Click the [Save] button to save the information as a data file.

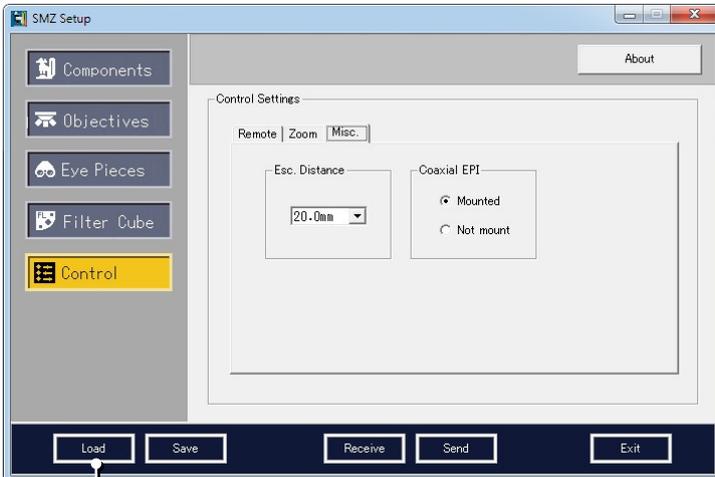
■ Note:

If the [Cancel] button is clicked in the Save As window, the set information is not saved.

## 3.12 Load Process

The information saved in a data file can be loaded.

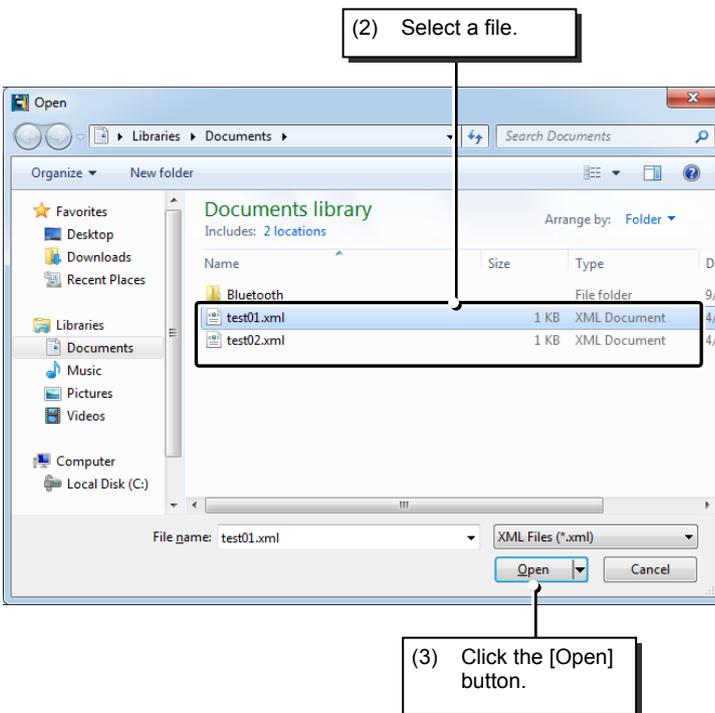
### ▼ SMZ Setup main window



(1) Click the [Load] button.

(1) Click the [Load] button.  
The file selection window appears.

### ▼ File selection window



(2) Select a file.

(3) Click the [Open] button.

(2) Select a data file to load.  
(3) Click the [Open] button to load the setting information.

#### ■ Note:

If saved set information is loaded, the information that was set is lost. It is recommended that you save set information before loading it.

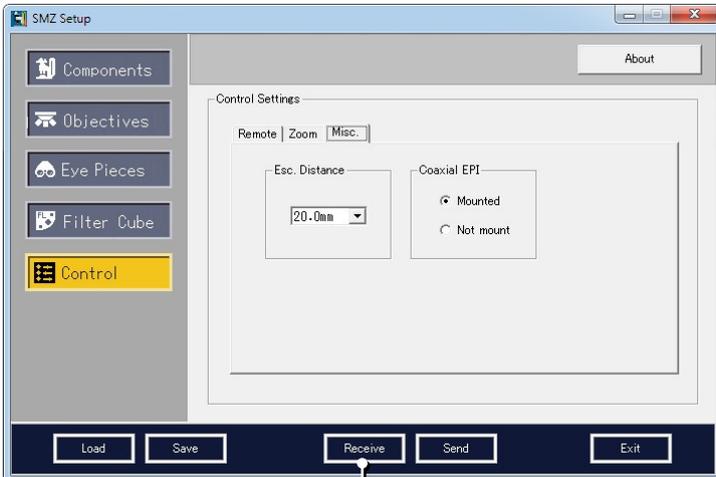
If the [Cancel] button is clicked in the File selection window, the set information is not loaded.

The [Load] button can be clicked regardless of whether or not any main setup item button is selected.

## 3.13 Data Acquisition Process

The information currently saved in the microscope can be acquired.

### ▼ SMZ Setup main window



(1) Click the [Receive] button.

(1) Click the [Receive] button.

The confirmation dialog box appears.

Click the [OK] button in the confirmation dialog box to start receiving the set information from the microscope system.

When the set information has been received, the reception complete screen appears.

#### ■ Note:

If set information is received from the microscope system, information that was set by the software is lost. It is recommended that set information is saved before receiving set information from the microscope.

If the [Cancel] button is clicked in the confirmation dialog box, the set information is not acquired.

The [Receive] button can be clicked regardless of whether or not any main setup item button is selected.

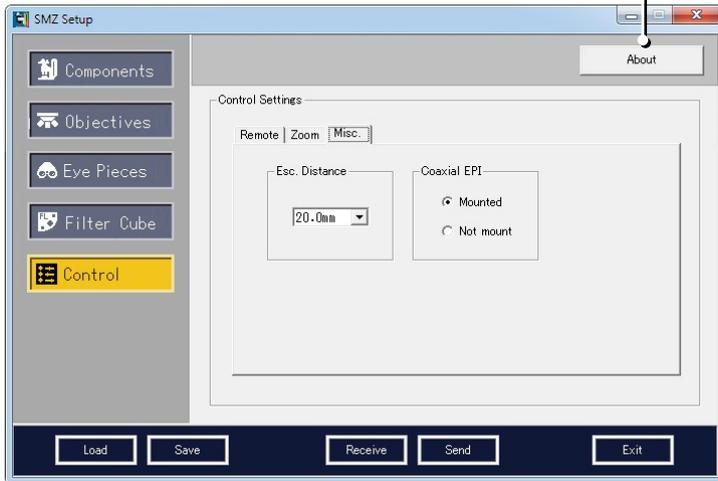
## 3.14 Acquiring Version Information

The SMZ Setup version, microscope version, and microscope name can be checked.

### ▼ SMZ Setup main window

(1) Click the [About] button.

(1) Click the [About] button to display SMZ Setup version, microscope version, and microscope name.



#### ■ Note:

The [About] button can be clicked regardless of whether or not any main setup item button is selected.

**En** **Symbol for separate collection applicable in European countries**  
 This symbol indicates that this product is to be collected separately. The following apply only to users in European countries.  
 • This product is designated for separate collection at an appropriate collection point. Do not dispose of as household waste.  
 • For more information, contact the retailer or the local authorities in charge of waste management.



**No** **Symbol for kildesortering i europeiske land**  
 Dette symbolet indikerer at produktet skal kildesorteres.  
 De nedenstående punktene gælder for alle europæiske brugere.  
 • Dette produktet skal kildesorteres og inleveres til dedikerede innsamlingspunkter. Må ikke kastes med normalt husholdningsaffald.  
 • For mer informasjon, ta kontakt med din forhandler eller lokale myndigheter.



**De** **Symbol für getrennte Wertstoff-/Schadstoffsammlung in europäischen Ländern**  
 Dieses Symbol zeigt an, dass dieses Produkt separat entsorgt werden muss.  
 Folgendes gilt für Verbraucher in europäischen Ländern:  
 • Dieses Produkt darf nur separat an einer geeigneten Sammelstelle entsorgt werden. Eine Entsorgung im Hausmüll ist unzulässig.  
 • Wenn Sie sich für nähere Informationen bitte an Ihren Händler oder die örtlich für Abfallentsorgung zuständigen Behörden.



**Se** **Symbol för separat upphämtning i europeiska länder**  
 Den här symbolen anger att produkten måste hämtas separat.  
 Följande gäller bara användare i europeiska länder.  
 • Den här produkten är avsedd för separat upphämtning vid ett lämpligt uppsamlingsställe. Produkten får inte kastas i hushållsaffall.  
 • För mer information, kontakta återförsäljaren eller de lokala myndigheter som ansvarar för avfallsantering.



**Fr** **Symbole pour la collecte sélective applicable aux pays européens**  
 Ce symbole indique que ce produit doit être collecté séparément. Les mesures suivantes concernent uniquement les utilisateurs européens.  
 • Ce produit doit être jeté séparément dans un point de collecte approprié. Ne jetez pas ce produit dans une poubelle réservée aux ordures ménagères.  
 • Pour plus d'information, contactez le détaillant ou les autorités locales responsables de la gestion des ordures.



**Fi** **Erillisen keräyksen merkki Euroopan maissa**  
 Tämä merkki osoittaa, että tuote kerätään erikseen.  
 Seuraavat maininnat koskevat vain eurooppalaisia käyttäjiä.  
 • Tämä tuote kerätään erikseen asianmukaista keräyspisteistä. Älä hävittä tuotetta talousjätteen mukana.  
 • Lisätietoja saat jällemyyjiltä tai paikallisista jätehuoltoviranomaisilta.



**Es** **Símbolo para recogida separada aplicable en países Europeos**  
 Este símbolo indica que este producto se recogerá por separado. Lo siguiente sólo se aplica en países Europeos.  
 • Este producto ha sido designado para ser recogido en un punto de almacenamiento apropiado. No lo tire como un deshecho doméstico.  
 • Para más información, contacte con el vendedor o autoridades locales al cargo de la gestión de residuos.



**Ru** **Символ сортировки мусора, использующийся в европейских странах**  
 Данный символ означает, что этот продукт должен утилизироваться отдельно от других.  
 Приведённые ниже информация касается только пользователей из стран Европы.  
 • Данный продукт должен утилизироваться отдельно от других в соответствующих приемных пунктах. Не выбрасывайте данный продукт вместе с бытовым мусором.  
 • Дополнительную информацию Вы можете получить у продавца или у местных властей, отвечающих за утилизацию мусора.



**Dk** **Symbol for special bortskaffelse af denne type produkter i de europæiske lande**  
 Dette symbol angiver, at dette produkt skal bortskaffes specielt.  
 Det efterfølgende er kun til forbrugere i de europæiske lande.  
 • Dette produkt skal bortskaffes på fx en genbrugsplads af lign. Det må ikke smides væk som normalt husholdningsaffald.  
 • For yderligere information kontakt din forhandler eller de lokale myndigheder, som fx teknisk forvaltning.



**Gr** **Σύμβολο για την ξεχωριστή αποκομιδή απορριμμάτων στις Ευρωπαϊκές χώρες**  
 Αυτό το σύμβολο υποδηλώνει ότι η αποκομιδή αυτού του προϊόντος πρέπει να γίνει ξεχωριστά.  
 Το κάτω απεικονίζουν μόνο οι Ευρωπαϊκοί χρήστες.  
 • Αυτό το προϊόν είναι σχεδιασμένο έτσι ώστε να γίνεται η αποκομιδή του σε ειδικά σημεία. Μην το πετάτε μαζί με το υπόλοιπο απορριμμάτων.  
 • Για περισσότερες πληροφορίες, επικοινωνήστε με τον διανομέα του προϊόντος ή με τις υπεύθυνες τοπικές αρχές για θέματα διαχείρισης απορριμμάτων.



**Nl** **Symbol voor gescheiden inzameling zoals dat wordt gebruikt in Europese landen**  
 Dit symbool betekent dat dit product apart moet worden ingezameld. Het volgende is alleen van toepassing op gebruikers in Europa.  
 • Dit product dient gescheiden ingezameld te worden op een daartoe bestemd inzamelpunt. Niet wegwerpen bij het normale huishuis.  
 • Neem voor meer informatie contact op met het verkooppunt, of met de lokale instantie die verantwoordelijk is voor het verwerken van afval.



**Pl** **Symbol oznaczający segregowanie odpadów, stosowany w krajach Europy**  
 Ten symbol oznacza, że produkt musi być wyrzucany oddzielnie. Ponizsze uwagi mają zastosowanie tylko dla użytkowników z Europy.  
 • Ten produkt jest przeznaczony do oddzielnej utylizacji i powinien być dostarczony do odpowiedniego punktu zbierającego odpady. Nie należy go wyrzucać z odpadami gospodarstwa domowego.  
 • Aby uzyskać więcej informacji, należy skontaktować się z przedstawicielem przedsiębiorstwa lub lokalnymi władzami odpowiedzialnymi za zarządzanie odpadami.



**Pt** **Símbolo para recolha de resíduos em separado utilizado nos países Europeus**  
 Este símbolo indica que este produto é para ser recolhido separadamente.  
 Esta norma aplica-se só para os utilizadores nos países Europeus.  
 • Este produto está designado para recolha de resíduos em separado num recipiente apropriado. Não deitar no caixote do lixo doméstico.  
 • Para mais informações, contactar o revendedor ou as autoridades locais responsáveis pela gestão dos resíduos.



**Hu** **Európai országokban érvényes "Elkülönített hulladékgyűjtés" jelzése**  
 Ez a jelzés azt jelenti, hogy ez a termék elkülönítve kell gyűjtene.  
 Az alábbiak csak az európai országokban élő felhasználókra érvényes.  
 • Ezt a terméket a megfelelő hulladékgyűjtőhelyen, elkülönítve kell gyűjtene. Ne dobja ki háztartási hulladékként.  
 • További információért forduljon a forgalmazóhoz, vagy a helyi hatóság hulladékgyűjtését felelőséhez.



**It** **Simbolo per la raccolta differenziata applicabile nei paesi europei**  
 Questo simbolo indica che il prodotto va smaltito separatamente.  
 La normativa che segue si applica soltanto agli utenti dei paesi europei.  
 • Il prodotto è designato per lo smaltimento separato negli appositi punti di raccolta. Non gettare insieme ai rifiuti domestici.  
 • Per maggiori informazioni, consultare il rivenditore o gli enti locali incaricati della gestione dei rifiuti.



**Cz** **Symbol pro oddělený sběr odpadu platný v evropských zemích**  
 Tento symbol znamená, že tento produkt se má oddělně oddělně. Následující pokyny platí pro uživatele z evropských zemí.  
 • Tento produkt se má oddělně na místě sběru k tomuto účelu určeném. Neadhazujte spolu s domácím odpadem.  
 • Více informací o způsobu zacházení s nebezpečným odpadem vám poskytne příslušná místní instituce.



**jp** **ヨーロッパにおける廃棄物個別回収のシンボルマーク**  
 このシンボルマークは本製品が個別に回収されなければならないことを示しています。  
 次項は本製品をヨーロッパ（EU）で使用する場合にはのみ適用されます。  
 • 本製品は指定された収集場所でも個別に回収されるように定められています。家庭ゴミとして廃棄しないでください。  
 • 詳細については販売代理店または地域の廃棄物処理機関にご連絡ください。




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