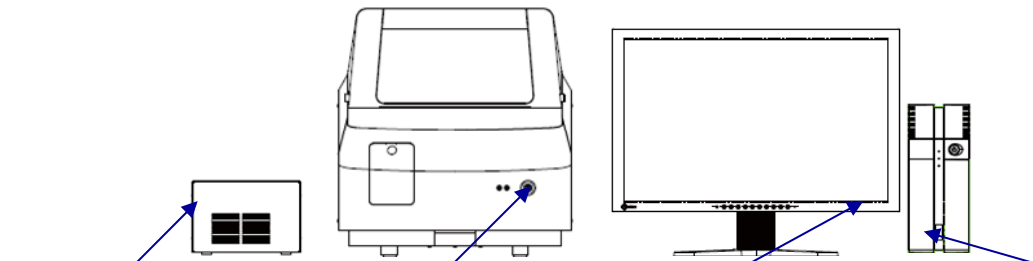
FLUOVIEW
FV10i

Hands on manual

FV10iの起動

1.Power ON



*Switch on Main body before activating FV10i-SW

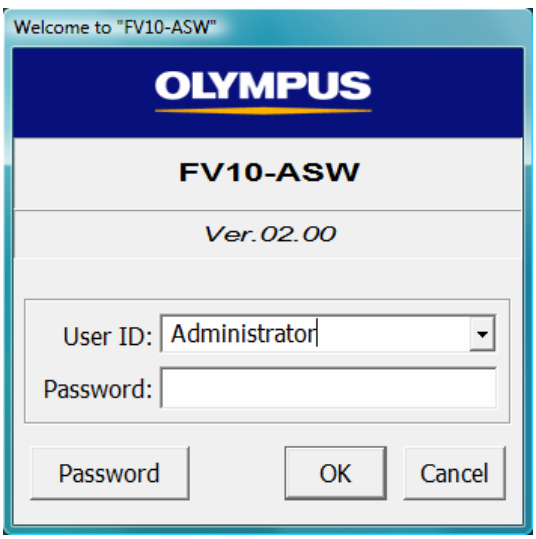
2.Set Specimen on Sample holder

Holder for Slide Glass

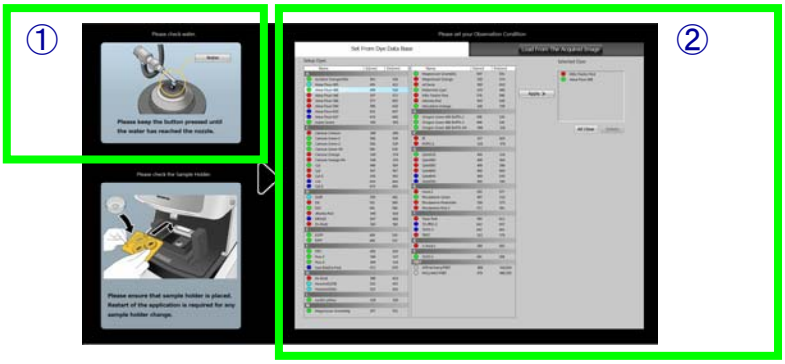
Holder for 3 Cover glass bottom dish

3.Set Sample holder on Main body

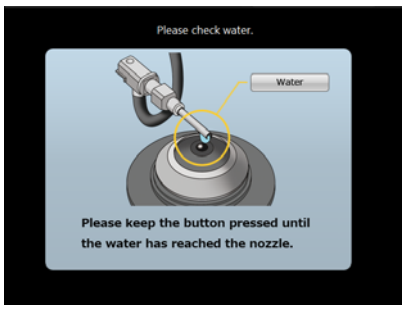
4.Activate FV10i-SW



Sample Setting：Acquisition condition setting

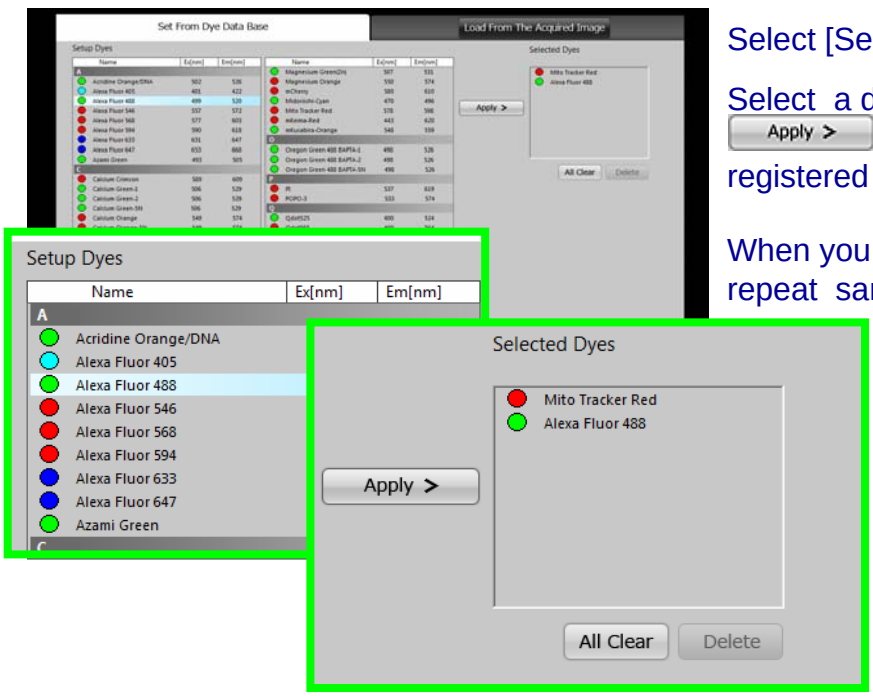


1.Confirmation of water at the nozzle.（①）（Only FV10i-W）



Remove the sample holder, and keep pressed Water button l the water has reached the nozzle. Set specimen holder again.

2.Set acquisition condition from dye list（②）



Select [Set From Dye Data Base]tab.

Select a dye name on the list and click Apply > button , then dye name will be registered on the [Selected Dyes] list.

When you want to acquire multi color image, repeat same action for other dyes.

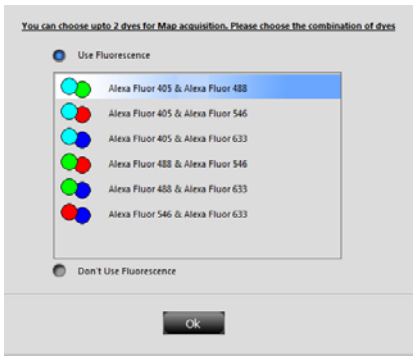
Maximum number of the dye is “4”.

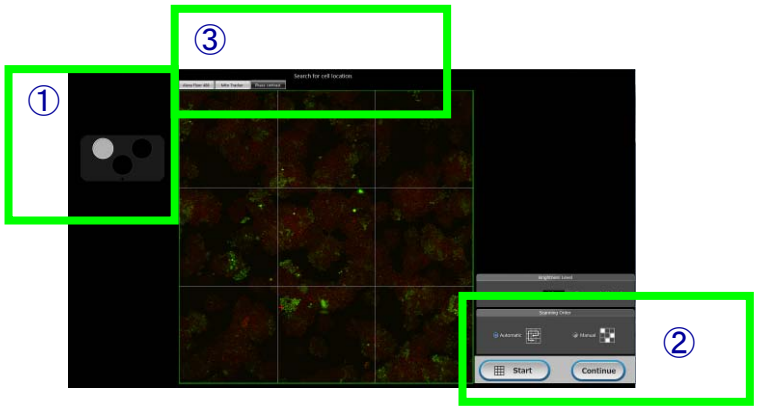
3.Move on to [Acquire Map Image]

START

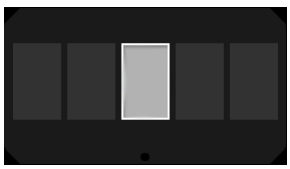
Acquire Map Image：Acquisition of Map image

1.Selection of dyes for Map image when 3 or 4 dyes are registered.

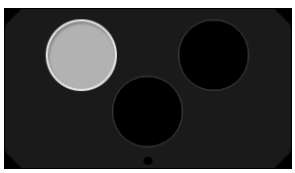




1.Selection of container（①）

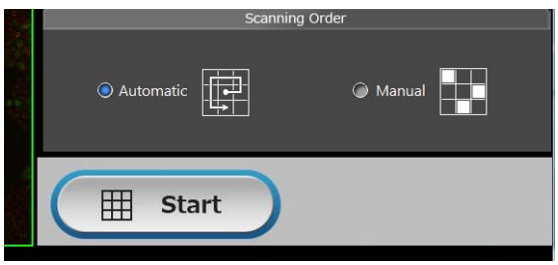


Holder for Glass
Select the position corresponds to the map area indicator number where you set specimen.



Holder for 3 Dishes
Select the position to observe

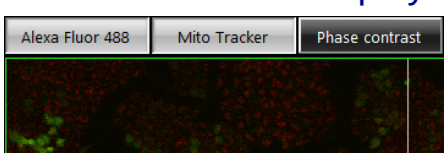
2.Start Map acquisition（②）

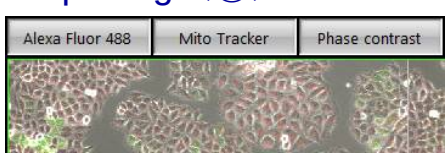


Select [Automatic], and the click [Start] button.

※Progress bar will be shown during the sequence of autofocus and auto brightness adjustment. It takes about 1min to 1.5min, After progress bar disappeared, automatically map image acquisition will start.

Reference：Switch display of Map image（③）



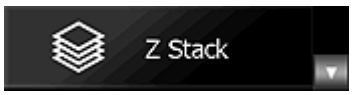


ON/OFF of tab upwards of map image will change the display CH.

3.Move on to [Observe]

Observe：Image Acquisition

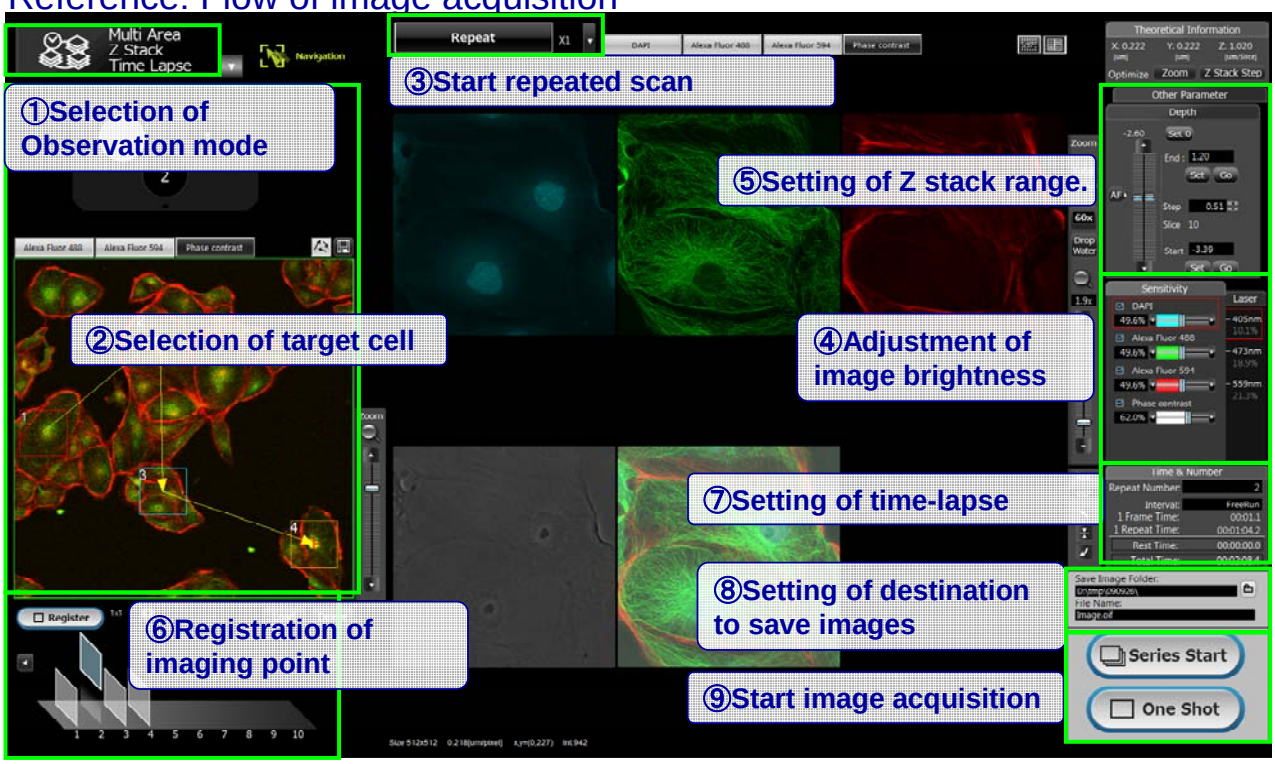
1.Select observation mode and activate Navigation



Following Navigation, acqure image.

2.Move on to [Review] software

Reference: Flow of image acquisition



Block A	Block B	BlockC

Observe

Block A： Selection of observation area and Registeration

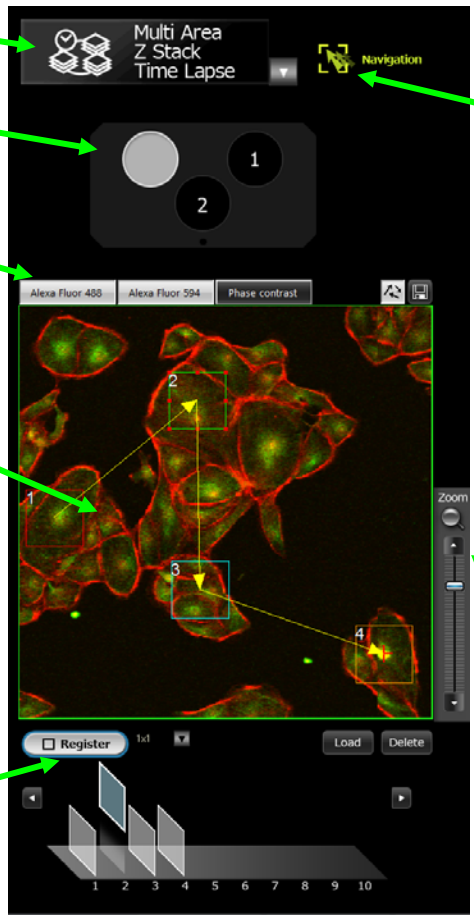
Select observation mode

Select container

Select display CH of Map

Map image display area
※Select the cell to observe

Registration of acquisition point coordinates and condition



Activate Navigation

Zoom up/down map image

Select display mode
Tile/Merge

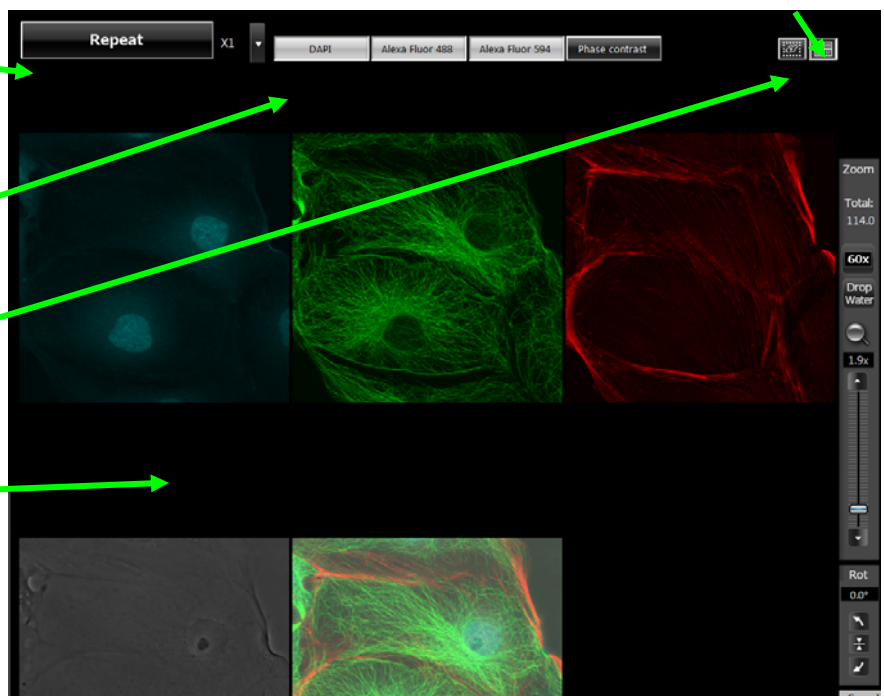
Block B: Live view

Start/Stop repeated scan

Select display CH for merge image of live view

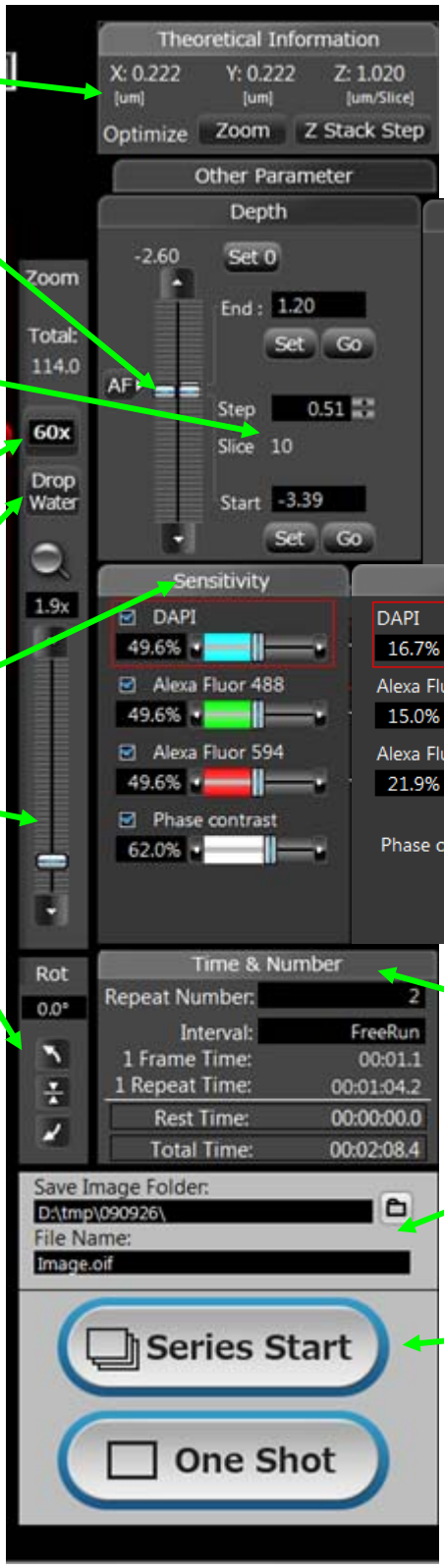
Clip scan

Live vier display area



Observe

Block C： Image acquisition adjustment



Display of theoretical resolution

Focus adjustment

Set range of Z stack

Exchange objective lens

Put water/oil on to the top of the objective lens

Detector sensitivity adjustment

Zoom

Rotation angle adjustment

Set image size

Set frame rate.
*Kalman filter

Set pinhole size

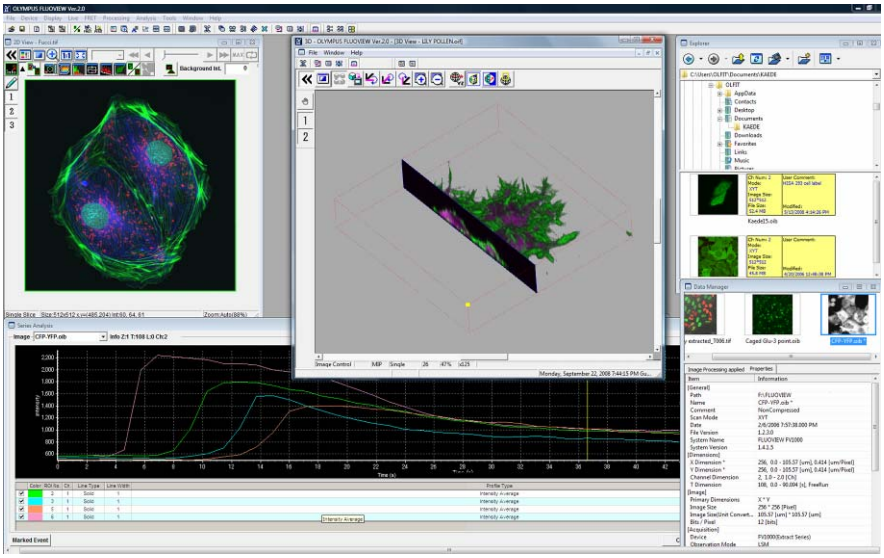
Laser power adjustment

Set timelapse

Set file name and destination folder

Start Acquisition

Review : Edit/ Analysis of image



Same software with FV10-ASWRS