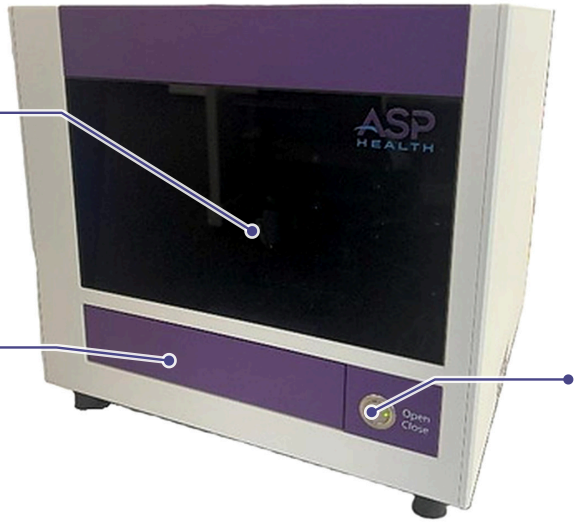
ROSE VIEW™ REFERENCE GUIDE

DEVICE OVERVIEW

FRONT

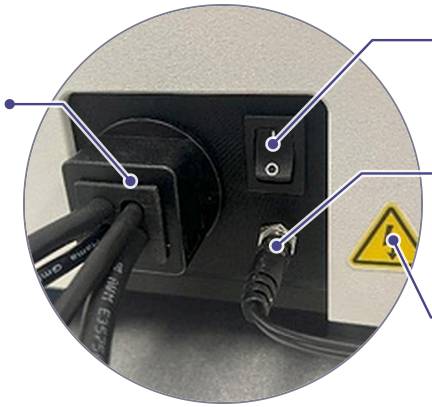


Observation Window
View the stage and optics. At power-on, the light source blinks twice to confirm initialization.

Stage
Motorized slide tray with three slide positions.

Open/Close Button & Power Light
Press once to open or close the stage. Lights when device power is on.

REAR PANEL



USB Cable Outlet
Routes the camera and stage USB cables to the computer.

Power Switch
I = On
O = Off

Power Cable
24 V power supply connection.

Electrical Warning Symbol
Indicates risk of electric shock.

SYSTEM CONNECTIONS

1 Lo-Mag camera cable
Plug into one side of the computer's I/O board.

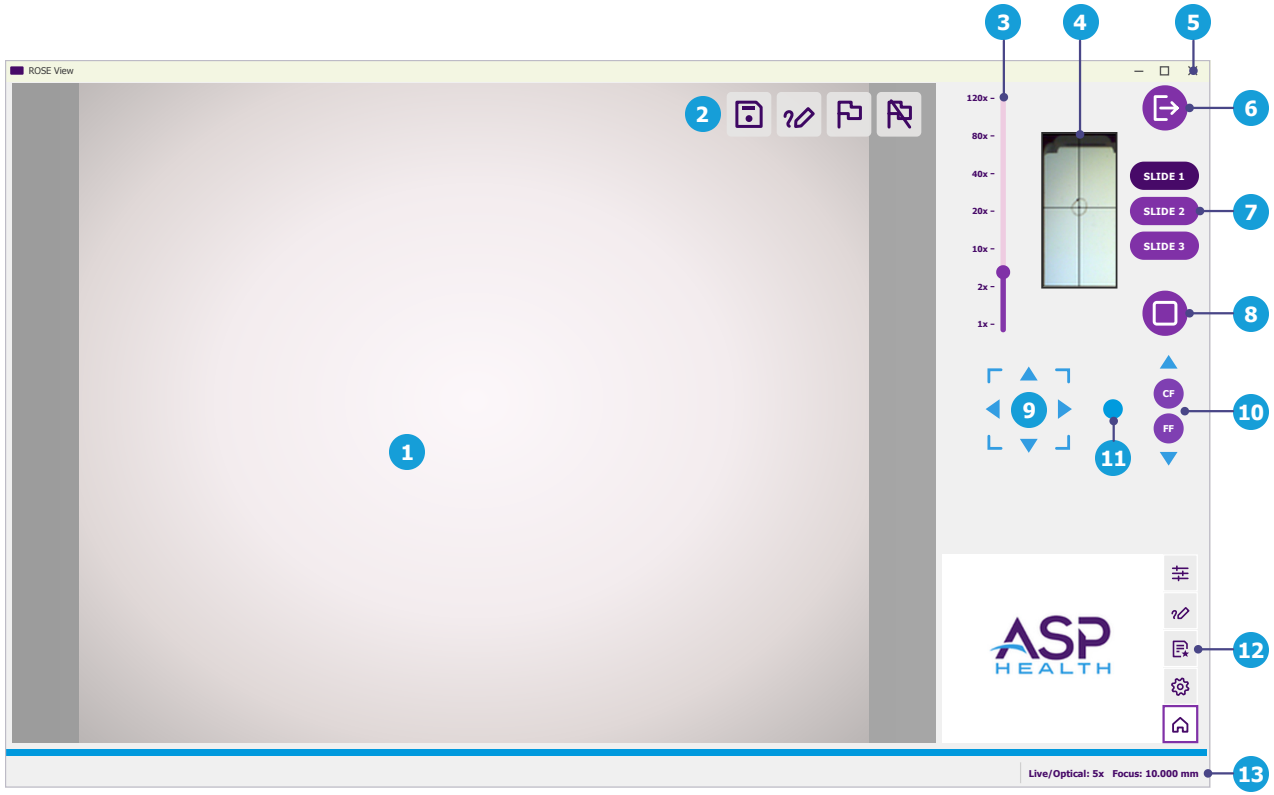
2 Hi-Mag camera cable
Plug into the **opposite** side of the computer.

3 Overview Camera + XYZ Stage cables
Plug both into the included USB hub (dongle), then plug the hub into a USB port on the computer.

NOTE The Lo-Mag and Hi-Mag cameras are not labeled. Identify each cable by the white tape label (with text) on the cable.

The ASP System has not been validated for any specific In Vitro Diagnostic (IVD) Test or Laboratory Developed Test (LDT). The ASP System may only be used with reagents that are indicated for use with the device. Other reagents may be used for research purposes only and need to be independently validated by the users of the ASP System. This quick reference guide is for reference purposes only. Please refer to the User Manual for complete information.

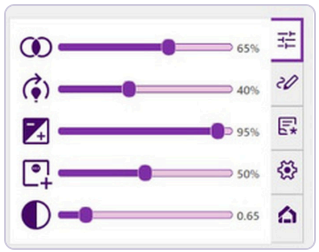
USER INTERFACE



1. **Main Viewing Window**
   Live camera view of the slide.
2. **Shortcut Buttons**
   Quick actions, e.g., save image and annotate.
3. **Adjustable Zoom Slider**
   Sets magnification from 1× to 120×.
4. **Slide Preview**
   Slide overview showing the current position.
5. **Close Program**
   Exits the ROSE View software.
6. **Open/Close Stage**
   Opens or closes the slide stage.
7. **Switch Slides**
   Moves to slide position 1, 2 or 3.
8. **Stop All Axes Motion**
   Immediately stops all axis movement.
9. **XY-Axes Adjustment**
   Moves the field of view in X and Y.
10. **Z-Axis Adjustment & Auto Focus**
    Adjusts focus height and runs auto focus.
11. **Axes Motion Indicator**
    Shows when an axis is in motion.
12. **Settings Tabs**
    User-accessible tabs (below); Home shows the ASP logo.
13. **Current Optical Objective**
    Status bar: active objective and focus position.

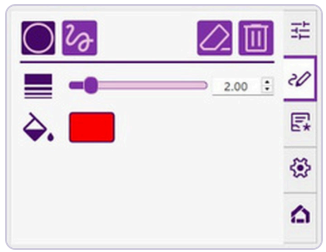
USER-ACCESSIBLE TABS

Select a tab from the column at the lower right of the interface (callout 12).



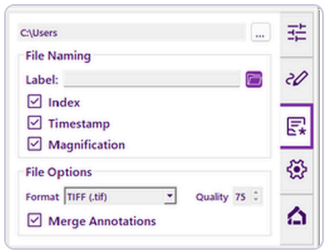
Tab 1 Image & Camera

Adjust image overlap, LED light intensity, camera exposure time, camera gain and image gamma.



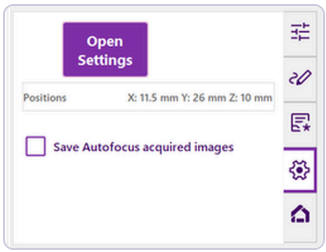
Tab 2 Annotations

Add annotations or drawings and save them with the current slide view.



Tab 3 File Naming

Set how saved files and screenshots are named. Selected boxes (e.g., Index, Timestamp, Magnification) auto-populate the file name.

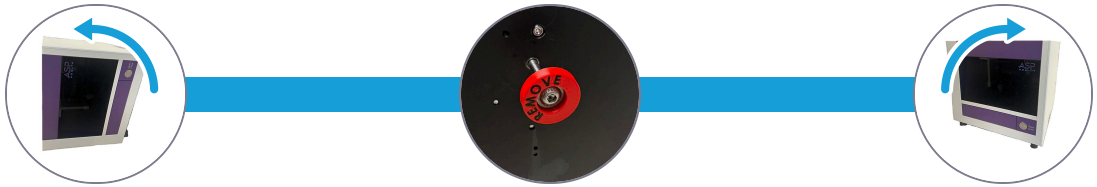


Tab 4 System Settings

Open Settings for XYZ-axis movement/speed, auto focus, Exposure Lock and Slides (Storage position). See "System Settings" in the User Manual.

PRIMARY OPERATION PROCEDURES

Before First Use: Remove the Transport Lock Screw



1 Tilt onto its side
Before connecting power, slowly tilt the device onto its side.

2 Remove the lock screw
Unscrew the transport lock screw (red REMOVE tag) from the bottom. Keep it for transport.

3 Return upright
Slowly return the device to its flat, upright position.

> **⚠ CAUTION**
>
> **Remove the transport lock screw before powering on.** If the screw is left in place, the initialization sequence will damage the stage motors and internal components.

Powering On

1 Switch OFF (O)
Confirm the rear power switch is set to OFF (O).

2 Connect power
Plug the 24 V power supply cable into the rear power connection.

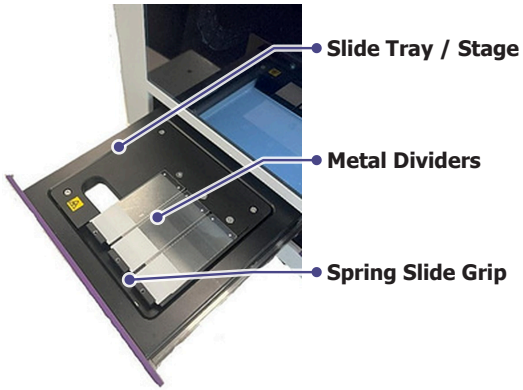
3 Plug into outlet
Plug the cord securely into the wall power outlet.

4 Switch ON (I)
The power light on the front Open/Close button illuminates.

5 Launch ROSE View
Confirm the light source blinks twice, then open ROSE View from the desktop icon.

ⓘ **NOTE** **To power off:** close ROSE View (Close Program, p. 2), then set the rear power switch to OFF (O).

Loading & Unloading Slides



LOADING A SLIDE

1 Hold the slide by the frosted/label end
Non-dominant hand: index finger on top, thumb underneath, sample side up.

2 Open the Spring Slide Grip
Dominant hand: pull the grip down with your thumb and hold tension.

3 Seat the slide, then release the grip
Push the front edge firmly against the black metal ledge at the far end and let the slide rest on the tray. Release the grip so it clamps the frosted/label end.

> **⚠ WARNING**
>
> **Ensure slides are correctly placed.** An incorrectly placed slide may break, causing cuts from broken glass and loss of the specimen.

UNLOADING A SLIDE

4 Hold the grip open and lift the slide out
Gently pull the grip away with one hand; with the other, lift the frosted/label end until the slide is fully free.

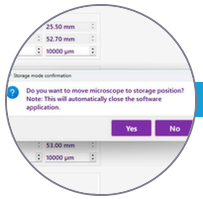
ⓘ **NOTE** Press Open/Close **once** and wait for the stage to fully open or close before loading or unloading.

GENERAL TROUBLESHOOTING

SYMPTOM	POSSIBLE CAUSE	CORRECTIVE ACTION
"Missing Module" error at startup XYZ Stage, Hi-Mag or Lo-Mag module not detected.	A USB module connection was not recognized when the software started.	1 **Exit ROSE View.** Close the program completely (Close Program, p. 2). 2 **Power down.** Set the rear power switch to OFF (O). 3 **Reseat USB connections.** At the computer, disconnect and reconnect all ROSE View USB cables; at the USB hub, disconnect and reconnect all leads. Keep Lo-Mag and Hi-Mag on opposite sides of the computer (p. 1). 4 **Power on.** Set the switch to ON (I) and watch the observation window: the light source blinks twice to confirm hardware initialization. 5 **Relaunch ROSE View** from the desktop icon and verify the modules are recognized.
"Strobing" exposure Image brightness repeatedly dims and brightens.	Exposure Lock is enabled, or the Exposure slider is set too low and the system continuously auto-adjusts.	1 **Check Exposure Lock.** Open Settings and confirm Exposure Lock is disabled (see User Manual). If it is enabled, disable it and observe whether the image stabilizes. 2 **Adjust the Exposure slider** to ≥ 16% for both the Hi-Mag and Lo-Mag cameras.
Stage stalls or software slows after pressing Open/Close Tray motion is interrupted mid-sequence.	The Open/Close button was pressed repeatedly or rapidly during the open/close sequence.	1 **Press Open/Close once** and let the full motion complete. Wait until the tray has fully opened or closed and the objective lens has returned to its homing position. ⓘ **NOTE** Repeated or rapid presses during this sequence can interrupt the command and lead to sub-optimal software performance.
No power The Open/Close button light does not illuminate.	The power switch is OFF, or the power supply is not connected.	1 **Power switch** is set to ON (I). 2 **24 V power supply cable** is firmly connected at the rear power connection. 3 **Power cord** is plugged securely into the wall outlet.

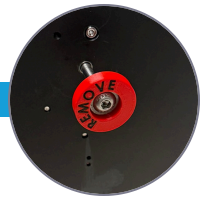
TRANSPORT & STORAGE

Before Transport or Storage



1 Enter Transport Mode
In Settings → Slides tab, click **Storage position**, then select **Yes**. The software closes automatically.

2 Power off and disconnect
Set the rear power switch to OFF (O), then disconnect the power and USB cables.



3 Reinstall the lock screw
Slowly tilt the device onto its side and screw the transport lock back in.