

EVOS™

Digital Inverted Microscope

Quick Start Guide



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The Microscope Evolved.

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STATEMENT OF LIMITED PRODUCT WARRANTY: EVOS™ microscopes are warranted to be free of all defects in material and workmanship for a period of 60 months (5 years) from the date of delivery. The warranty does not apply to any instrument which has become worn, defective, damaged or broken due to abuse, misuse, tampering, or unauthorized repairs. Under this warranty, Advanced Microscopy Group will repair or replace, without charge to the purchaser, any part which upon our examination, appears to be defective in materials or workmanship. Returned Goods Policy for Repair or Replacement Parts: To return goods for repair or replacement, please contact Advanced Microscopy Group Customer Service.

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PLAIN STAGE



ITEMS CHECKLIST

- ▶ Microscope with LCD Display
- ▶ Objectives (installed, if included)
- ▶ 3 Filter Slider Assemblies (Pinhole filter, Diffuser filter, Green filter)
- ▶ Power Adapter/Transformer/Power Cord
- ▶ USB Cable

- ▶ Quick Start Guide
- ▶ CD Including:
 - Micron(EVOS) Software
 - Micron(EVOS) User Guide (PDF)
 - EVOS User Guide (PDF)

MECHANICAL STAGE**ITEMS CHECKLIST**

- | | |
|--|---|
| <ul style="list-style-type: none"> ▶ Microscope with LCD Display ▶ Objectives (installed, if included) ▶ 3 Filter Slider Assemblies (Pinhole filter, Diffuser filter, Green filter) ▶ CD Including: <ul style="list-style-type: none"> • Micron(EVOS) Software • Micron(EVOS) User Guide (PDF) • EVOS User Guide (PDF) | <ul style="list-style-type: none"> ▶ USB Cable ▶ Power Adapter/Transformer/Power Cord ▶ Multi-well Tray Stage Plate (installed) ▶ 2 Coarse Positioning Knobs ▶ Hex Tool ▶ Stage Lock Pin ▶ Quick Start Guide |
|--|---|

QUICK START

1. Place the microscope on a flat level surface.

Use the **4 adjustable rubber feet** on the bottom of the base to adjust for uneven surfaces.

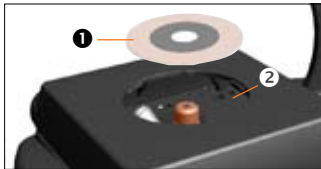
2. Prepare the stage assembly.

For PLAIN STAGE microscopes

- a. Install the **circular stage plate** ① into the round opening in the stage ②.

For MECHANICAL STAGE microscopes, follow the procedures below before use.

- a. Screw in the 2 **coarse positioning knobs** or the **vessel holder** ③ into the front right and left-hand corners of the stage assembly.
- b. Remove the **stage lock pin** ④ on the back right-hand corner.



3. Connect the power cord to the microscope, plug into a power socket and turn power ON.

4. Place the specimen on the stage.

5. Select desired objective by turning the **objective select wheel**.

6. Turn the **phase annuli select wheel** ⑤ to the position that corresponds to the selected objective.
7. Adjust focus by turning the **focus control** knob(s) ⑥.
8. Adjust illumination on the LCD display by turning the **dimmer control** ⑦ on the bottom right-hand side of the base.

IMPORTANT!

Use a filter assembly for brightfield.

Three filter slider assemblies are included with all EVOS microscopes. For brightfield applications you **MUST** use the **Pinhole** or **Diffuser** filter.

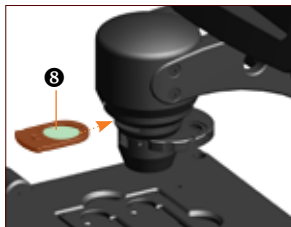
Due to variances in sample size, color and thickness, actual filter use may differ from the standard filter use described below.

Pinhole filter slider assembly:
brightfield, low magnification (4x/10x)

Diffuser filter slider assembly:
brightfield, high magnification
(10x/20x/40x)

Insert the filter slider assembly ⑧ into the filter slider slot on the condenser assembly.

Note: The green filter slider assembly may be used for phase-contrast at all magnifications (optional).



TO CAPTURE & SAVE IMAGE:

1. Insert a formatted **Secure Digital (SD™) memory card** ⑨ into the memory slot on top of the LCD display (note orientation of card). Press and lock into position.
2. Press the **image capture button** ⑩ located on the right-hand side of the microscope.

Note: (Do not remove SD card until "STORING: EVOS____.DNG" clears from the LCD screen)



MICRON(EVOS) INSTALLATION



1. Insert the Micron(EVOS) CD into CD Drive.
2. At the **Welcome** dialog, click **Next** to continue.
3. At the **License Agreement** dialog, select **"I accept the agreement"** to continue.
4. At the **Select Destination Location** dialog, click **Next** to accept the default application location to continue.

i **IMPORTANT!** *Install the software before attaching the microscope to PC.*

System Requirements (Minimum)

- ▶ PC with Pentium® III 1.0 GHz CPU or higher
- ▶ Windows® XP Operating System
- ▶ 30 MB of hard drive space for application software
- ▶ One open USB 2.0 port
- ▶ 256 MB RAM

- At the **Select Additional Tasks** menu, choose desired placement of available icons and click **Next** to continue.
- At the **Ready to Install** dialog, review and verify install settings and click **Install** to continue.
- At the **Information** screen, click **Next** to continue.
- At the **Completion** screen, click **Finish** to finalize software installation.

DRIVER INSTALLATION

- After installing Micron, connect the microscope to a PC using the USB2 cable.
- When prompted, browse to the Micron(EVOS) CD and select the installation disk folder: **CD Drive:\Westover USB2 EVOS Installation Disk**

CONTACTING CUSTOMER SUPPORT

Please have the following information available:

For Product Problems:	For Software Problems:
Catalog Number and Serial Number (if applicable)	Type of computer you are using
Description of problem	Operating System you are using
	Micron(EVOS) software version

CUSTOMER SERVICE

TOLL FREE (US & Canada)

▶ Customer & Technical Service **866-614-4022**

Local & International

▶ Customer Service **425-368-0444**

▶ Fax **425-368-0555**

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