

Supereyes Z008

Supereyes Z008 Microscope Precision Portable Adjustable Stand User Manual

INTRODUCTION

This manual provides detailed instructions for the Supereyes Z008 Microscope Precision Portable Adjustable Stand. Designed for use with various Supereyes microscope models, including B005, B005+, B003+, B008, a004, a005, a005+, a006, Y001, and others, this stand offers precise adjustment capabilities for optimal viewing and operation.

The Z008 stand is constructed from an eco-friendly alloy material, ensuring durability, stability, and a lightweight design. Its omnidirectional precision elevator platform allows for smooth vertical movement and a full 360-degree rotation, enhancing flexibility during use.



Z008

Omnidirectional precision elevator platform

【 Size 】 120X150X150mm

【 Clamping size 】 7mm-20mm

【 Moving distance 】 110mm

【 Rotation angle 】 360°



Image: The Supereyes Z008 stand, highlighting its omnidirectional precision elevator platform design. Key dimensions are indicated: Size 120x150x150mm, Clamping size 7mm-20mm, Moving distance 110mm, Rotation angle 360 degrees.

SETUP INSTRUCTIONS

Follow these steps to correctly set up your Supereyes Z008 Microscope Stand and attach your digital microscope or otoscope.

1. **Identify Components:** Familiarize yourself with the stand's parts: the base (Stage), the vertical support (Column), the height adjustment mechanism (Elevating knob), and the microscope holder (Chuck).

How to Use

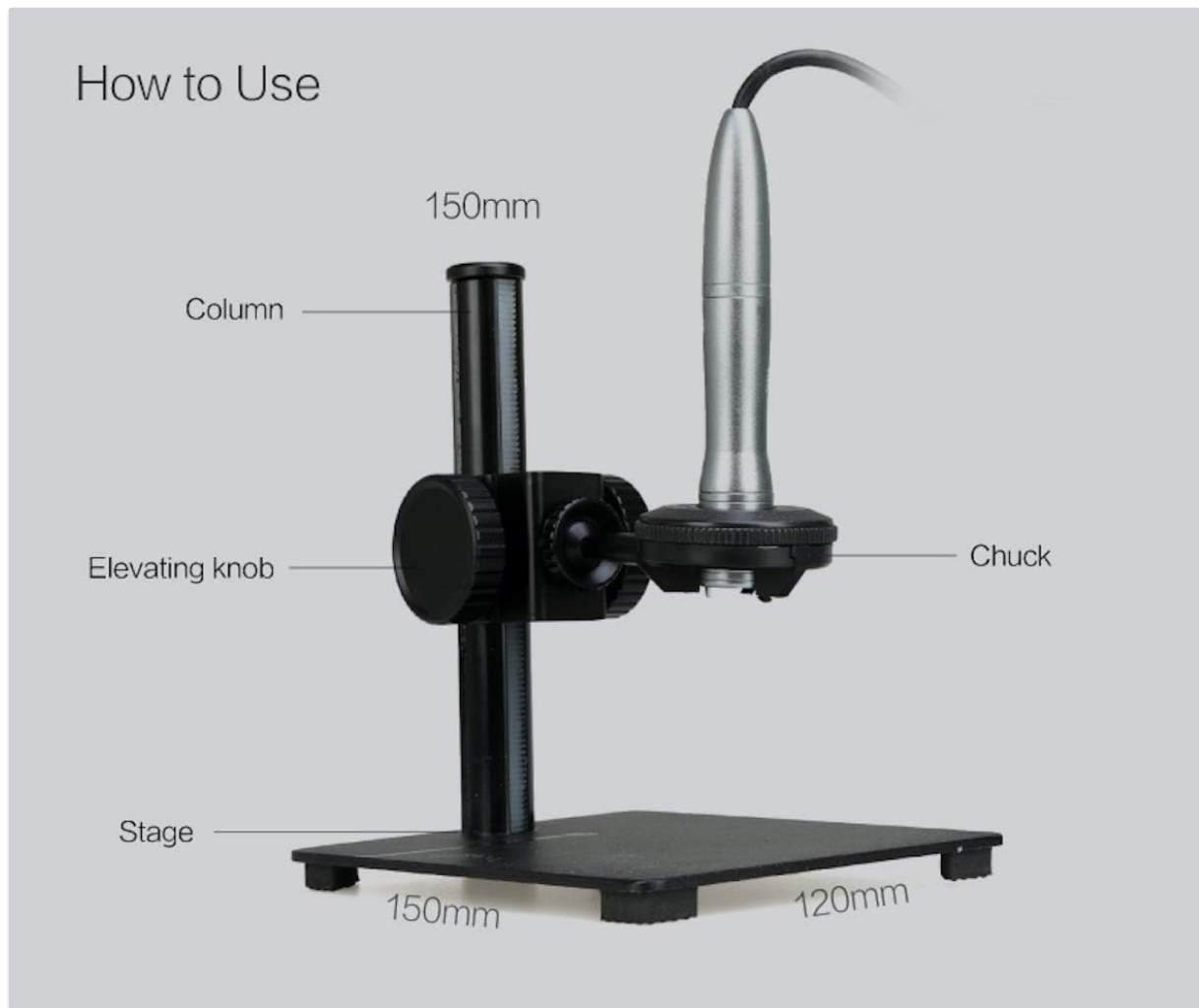


Image: Labeled diagram of the Z008 stand, showing the Column, Elevating knob, Chuck, and Stage, along with base dimensions (150mm x 120mm).

2. **Load the Microscope:** Carefully insert your digital microscope or otoscope into the locking chuck. Ensure it is seated securely.
3. **Lock the Cardan Shaft:** Tighten the mechanism on the cardan shaft to firmly secure the microscope in place. This prevents unwanted movement during observation.
4. **Position the Item:** Place the item you wish to observe directly on the stand's stage.
5. **Adjust Height:** Use the elevating knob to precisely adjust the height of the microscope relative to the observed item. Rotate the gear to move the microscope up or down until the desired focus range is achieved.

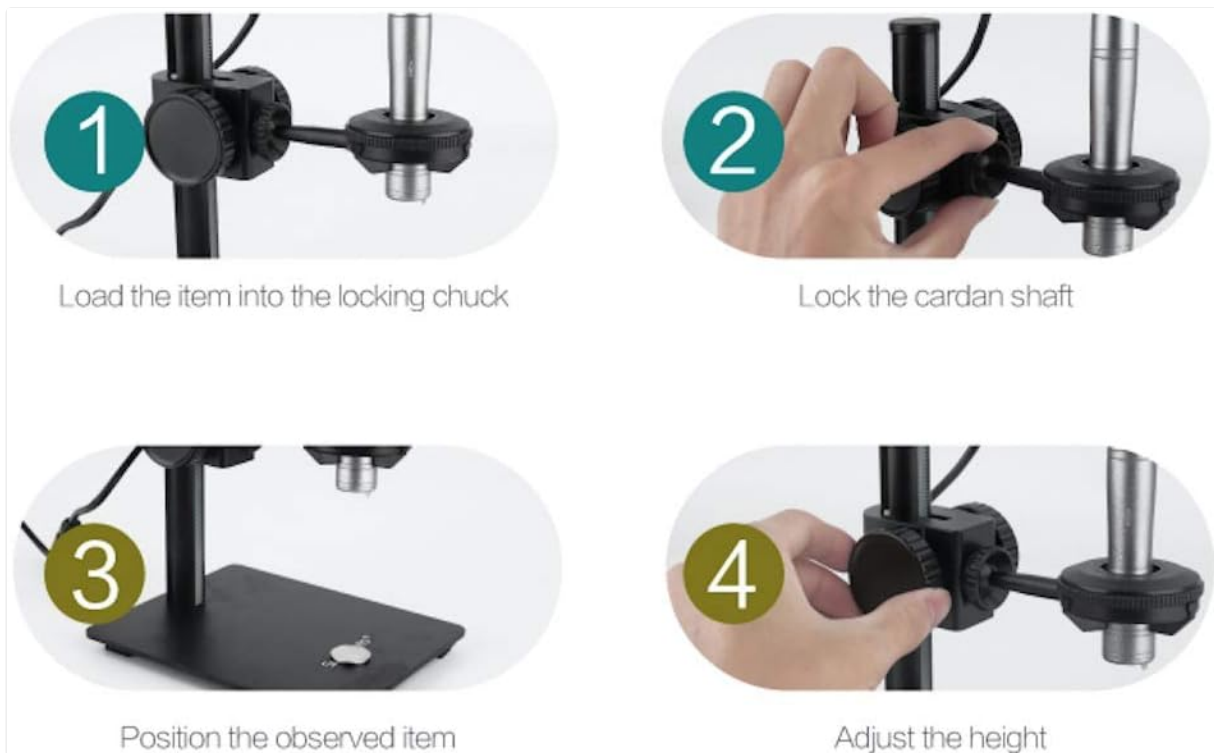


Image: A four-panel illustration demonstrating the operational steps: 1. Load the item into the locking chuck. 2. Lock the cardan shaft. 3. Position the observed item on the stage. 4. Adjust the height using the elevating knob.

OPERATING INSTRUCTIONS

The Supereyes Z008 stand is designed for stable and precise operation. Once your microscope is securely mounted and the item is on the stage, you can fine-tune your observation setup.

- **Vertical Adjustment:** The elevating knob allows for smooth and precise vertical movement of the microscope. Rotate the knob clockwise to lower the microscope and counter-clockwise to raise it. This mechanism provides more accurate control compared to basic tripod stands.
- **Horizontal Positioning:** The arm holding the chuck can be rotated 360 degrees, allowing for flexible positioning of the microscope over different parts of the observed item without moving the base.
- **Stability:** The stand's robust alloy construction ensures minimal vibration, providing a stable platform for high-magnification observation.

MAINTENANCE

To ensure the longevity and optimal performance of your Supereyes Z008 stand, follow these simple maintenance guidelines:

- **Cleaning:** Wipe the stand regularly with a soft, dry cloth to remove dust and debris. For stubborn marks, a slightly damp cloth can be used, followed by immediate drying. Avoid abrasive cleaners or solvents, as these can damage the alloy finish.
- **Storage:** Store the stand in a clean, dry environment when not in use. Protect it from extreme temperatures and humidity.
- **Inspection:** Periodically check all knobs and fasteners to ensure they are secure. Do not overtighten.

TROUBLESHOOTING

If you encounter issues with your Supereyes Z008 stand, consider the following common solutions:

- **Microscope Not Stable:** Ensure the locking chuck is fully tightened around the microscope. Verify that the cardan shaft is securely locked.
- **Difficulty Adjusting Height:** Check for any obstructions in the vertical column. Ensure the elevating knob is not jammed. If movement is stiff, clean the column and gear mechanism.
- **Stand Wobbles:** Ensure the stand is placed on a flat, stable surface. Check if all feet on the base are making even contact with the surface.

For issues not resolved by these steps, please contact Supereyes customer support.

SPECIFICATIONS

Feature	Detail
Model Name	Z008
Brand	Supereyes
Material	Alloy
Color	Black
Package Dimensions	7.4 x 5.51 x 2.44 inches
Item Weight	1.1 pounds
Clamping Size	7mm-20mm
Moving Distance	110mm
Rotation Angle	360 Degrees
Compatible Models	Supereyes B005, B005+, B003+, B008, a004, a005, a005+, a006, Y001, etc.
UPC	646437043403

WARRANTY AND SUPPORT

For warranty information, product support, or to inquire about replacement parts, please contact Supereyes customer service directly. Refer to your purchase documentation for specific warranty terms and conditions.

While this product does not include an inherent warranty, extended protection plans may be available for purchase separately. Please consult your retailer for details on available protection options.