

## **APEX MICROSCOPES – 250 (AM-250)**

100-250x LED UV Lighted Pocket Microscope

### **User and Safety Manual**

Congratulations on selecting your new LED UV Lighted Pocket Microscope!  
In order to achieve optimum performance, please follow instructions for proper use and care.

#### **PRODUCT SPECIFICATION**

Magnification	100x – 250x
Battery	1 × AA
Weight	0.18 lbs
Dimensions	2.3" × 1.0" × 5.5"
Accessories	<ul style="list-style-type: none"> <li>• Smartphone Clip</li> <li>• 1 Blank Slide with Coverslip</li> <li>• Wrist Strap</li> </ul>

#### **WARNING**

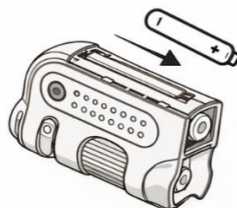
- To avoid permanent eye damage:**
  - Do not look at the sun with the microscope
  - Do not place the illuminated microscope directly on the human eye
- Remove the battery before storing the microscope for extended periods
- The device may become warm after extended use. This is normal and should not be considered a defect.

#### **DEVICE OVERVIEW**



#### **INSTALLING THE BATTERY**

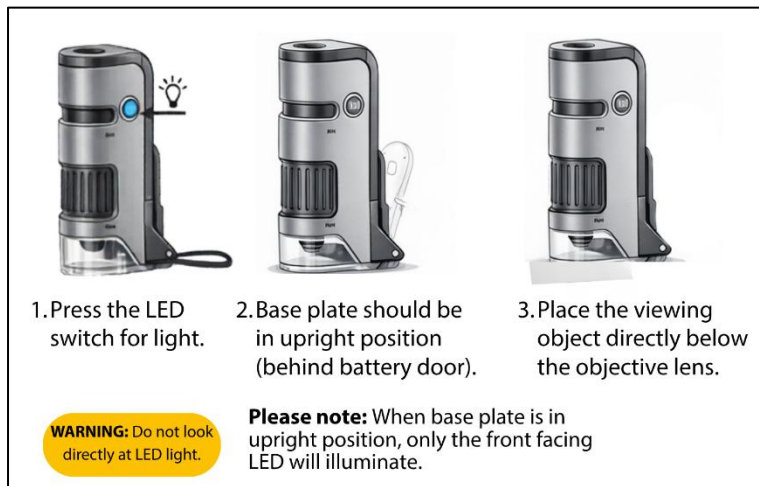
- Slide battery cover to open.
- Insert 1 AA alkaline battery and slide back battery cover.



#### **⚠ WARNING**

- Use only alkaline battery.
- Keep away from fire or excessive heat.
- Inspect battery for corrosion or leakage.
- Insert in direction indicated.
- Rechargeable battery not recommended.

## USING MICROSCOPE TO VIEW OBJECTS DIRECTLY



1. Press the LED switch for light.
2. Base plate should be in upright position (behind battery door).
3. Place the viewing object directly below the objective lens.

**WARNING:** Do not look directly at LED light.

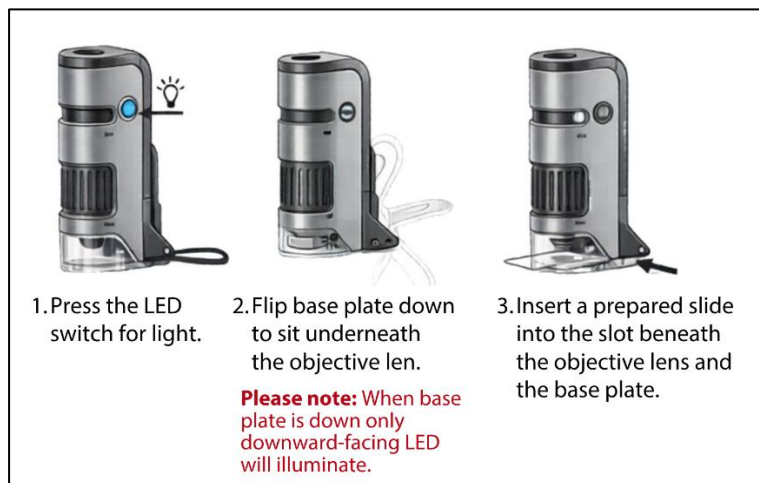
**Please note:** When base plate is in upright position, only the front facing LED will illuminate.

## ADJUSTING ZOOM & FOCUS



1. Adjust zooming dial for desired level of magnification.
2. Rotate focusing ring until the image is clear and sharp.

## USING MICROSCOPE TO VIEW SPECIMEN SLIDE




1. Press the LED switch for light.
2. Flip base plate down to sit underneath the objective lens.
3. Insert a prepared slide into the slot beneath the objective lens and the base plate.

**Please note:** When base plate is down only downward-facing LED will illuminate.

## UV LIGHT

Some subjects may have enhanced resolution when using the UV light.

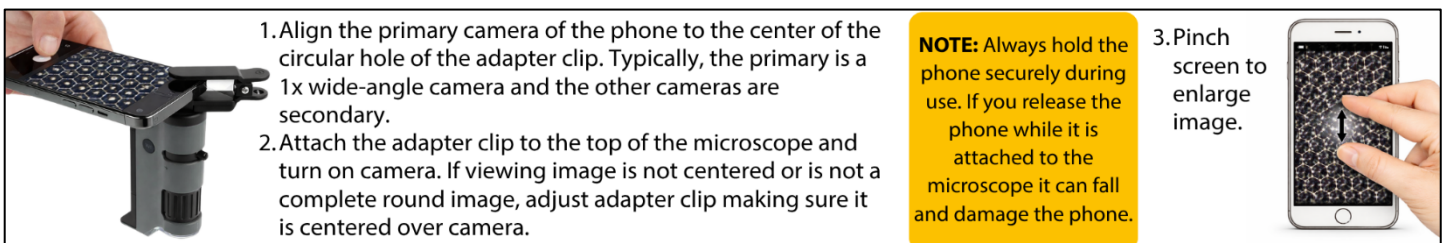
Press and hold the UV light switch to activate the UV light.



**WARNING:** Do not look directly at LED light.

**Please note:** The UV light is deactivated when the base plate is flipped down to the base of the microscope.

## USING ADAPTOR KIT



1. Align the primary camera of the phone to the center of the circular hole of the adapter clip. Typically, the primary is a 1x wide-angle camera and the other cameras are secondary.
2. Attach the adapter clip to the top of the microscope and turn on camera. If viewing image is not centered or is not a complete round image, adjust adapter clip making sure it is centered over camera.
3. Pinch screen to enlarge image.

**NOTE:** Always hold the phone securely during use. If you release the phone while it is attached to the microscope it can fall and damage the phone.

## CUSTOMER SUPPORT

For technical assistance or product support, please contact our team. We are committed to providing prompt and reliable service.

✉ [info@eu.apexinternational.com](mailto:info@eu.apexinternational.com)

🌐 [www.apexinternational.com](http://www.apexinternational.com)