

[Manuals.plus](#) /

› [Leipan](#) /

› LP043 4.3" Coin Microscope User Manual

Leipan LP043

Leipan LP043 4.3" Coin Microscope User Manual

Model: LP043

1. PRODUCT OVERVIEW

The Leipan LP043 4.3" Coin Microscope is a versatile digital microscope designed for detailed observation and analysis of various objects, particularly coins. It features a 4.3-inch IPS display, up to 1000X magnification, and the ability to capture photos and videos. It is compatible with Windows and Mac operating systems for extended viewing and measurement capabilities.



Figure 1: Leipan LP043 4.3" Coin Microscope with 32GB SD Card.

2. WHAT'S INCLUDED

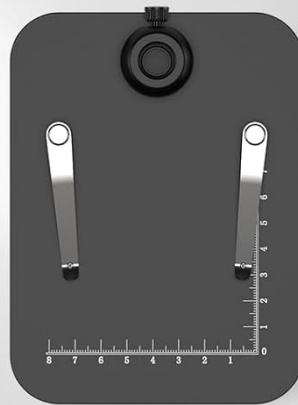
The LP043 package contains the following components:

- Microscope Unit with 4.3-inch IPS Display
- Base Plate
- Adjustable Bracket and Stand Pole
- 32GB Memory Card
- Calibrating Ruler
- Type-C USB Cable
- User Manual

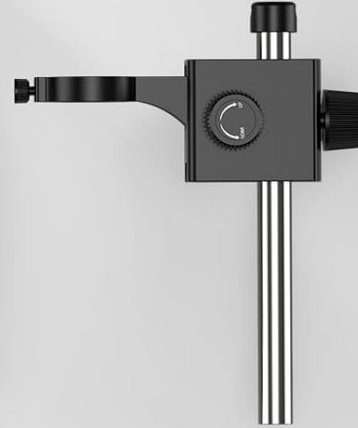
FULL PACKAGE INCLUDES



Microscope



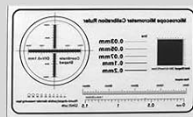
Base



Bracket



32GB Memory Card



Calibrating Ruler



Type-C Cable



User Manual

Figure 2: Contents of the LP043 product package.

3. SETUP AND INSTALLATION

Follow these steps to assemble and set up your LP043 Coin Microscope:

1. Insert the stand pole into the base plate and secure it.
2. Attach the adjustable bracket to the stand pole.
3. Mount the microscope unit onto the adjustable bracket. Ensure it is securely fastened.
4. Insert the provided 32GB memory card into the designated slot on the microscope unit.

Your browser does not support the video tag.

Video 1: Step-by-step guide on how to install the LP043 coin microscope components.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

1. Long press the Power button located at the back of the screen to turn on the microscope.
2. Place the object you wish to observe (e.g., a coin) directly under the microscope lens on the base plate.
3. Twist the focusing cylinder (the large knob on the side of the bracket) left or right until the image on the 4.3-inch IPS display appears clear and in focus.
4. Adjust the brightness of the 8 built-in LED lights using the brightness adjustment wheel on the side of the display unit to achieve optimal illumination for your specimen.

Your browser does not support the video tag.

Video 2: Demonstrates the basic usage of the 4.3" digital microscope, including power on, focusing, and brightness adjustment.

4.2 Photo and Video Capture

The LP043 allows you to capture high-resolution photos and videos of your observations:

1. Ensure a memory card is inserted into the microscope unit.
2. To record video, ensure the microscope is in Video mode. Press the 'OK' button to start recording. Press 'OK' again to stop recording.
3. To take a photo, short press the 'M' button to switch to Photo mode. Once in Photo mode, press the 'OK' button to capture an image.
4. To review captured media, short press the 'M' button to switch to Playback mode. You can then browse through your photos and videos.

Your browser does not support the video tag.

Video 3: Instructions on how to take pictures and record videos using the LP043 digital microscope.

5. CONNECTING TO A COMPUTER

For a larger field of view and advanced measurement capabilities, connect your LP043 microscope to a Windows or Mac computer:

1. Connect the LP043 microscope to your PC using the provided Type-C USB cable.
2. On the microscope's display, select 'PC Camera' mode when prompted.
3. You can then use your computer's built-in camera application (e.g., 'Camera' on Windows, 'Photo Booth' on Mac) or install the dedicated Hiview measurable software for more comprehensive analysis and measurements.

Your browser does not support the video tag.

Video 4: Guide on connecting the LP043 microscope to a PC for a larger view and using measurement software.

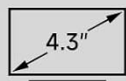
6. KEY FEATURES

- **Innovative Audio Recording Capability:** Capture audio alongside your video discoveries for comprehensive documentation.
- **Vivid 4.3 Inches IPS Display:** Experience sharp and detailed specimen images with a wide 178° viewing angle.
- **Versatile 50-1000X Magnification:** Explore a broad range of subjects from 50X to an extraordinary 1000X detail.
- **Computer-Measured via USB:** Seamlessly connect to your computer for precise measurements and in-depth analysis.

- **5X Digital Zoom:** Enhance exploration by bringing subjects even closer to unveil intricate details.
- **Adjustable Eight LED Lights:** Ensure optimal visibility in any condition with adjustable illumination.
- **Specialized Coin Examination:** Designed for meticulous examination of coins, aiding in identifying genuine from counterfeit.
- **Highly Adjustable Bracket:** Position the microscope precisely for unparalleled ease and convenience in exploration.

4.3" IPS SCREEN

Super TFT, 178° wide viewing angle



4.3" IPS Screen

1080P

HD Display



178° Viewing Angles

Figure 3: The 4.3-inch IPS screen provides a super TFT display with a 178° wide viewing angle.

RECORDING **VIDEO** AND **AUDIO**

Recording the exploration process with sound



Figure 4: The LP043 supports recording both video and audio during observation.

50X-1000X

DIGITAL MAGNIFICATION

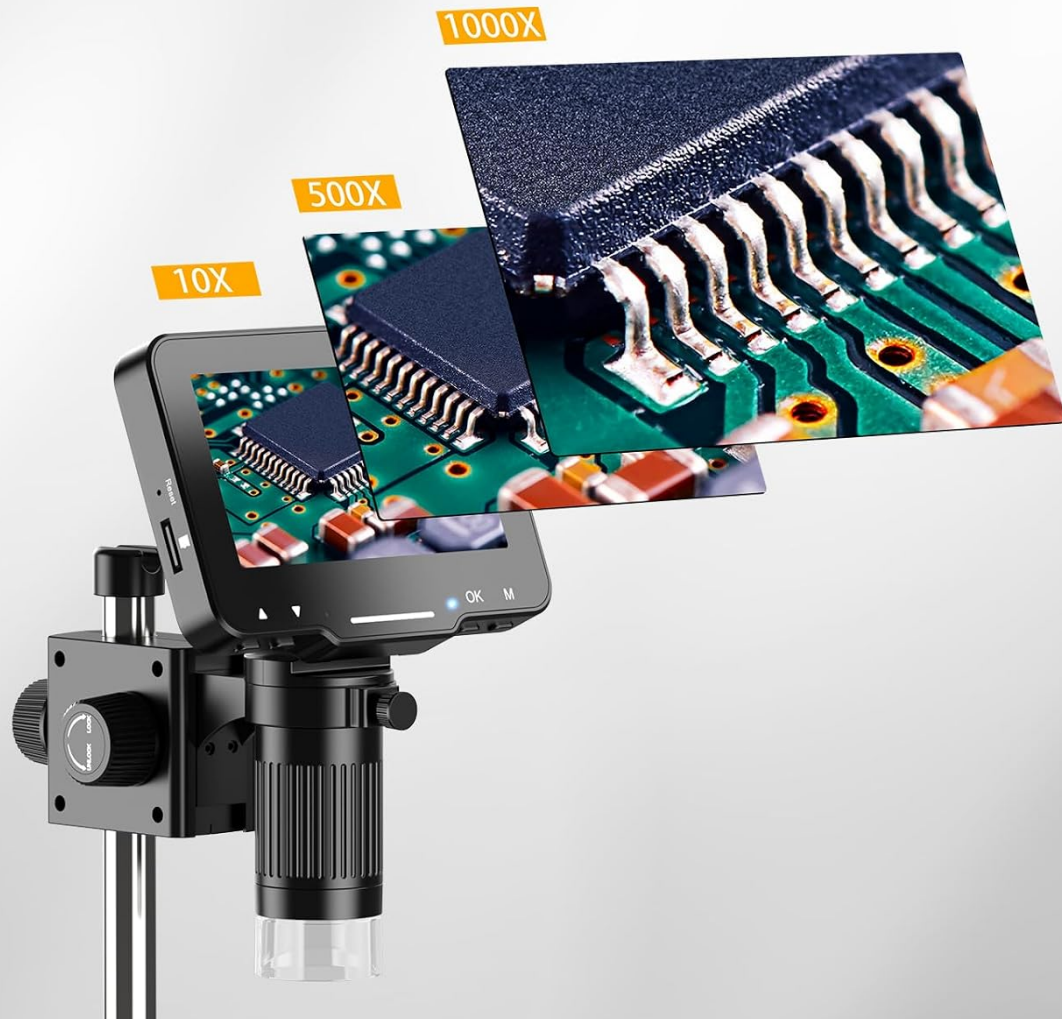


Figure 5: Illustrates the 50X to 1000X digital magnification capabilities of the microscope.



Figure 6: The 5X digital zoom allows for closer inspection of details.

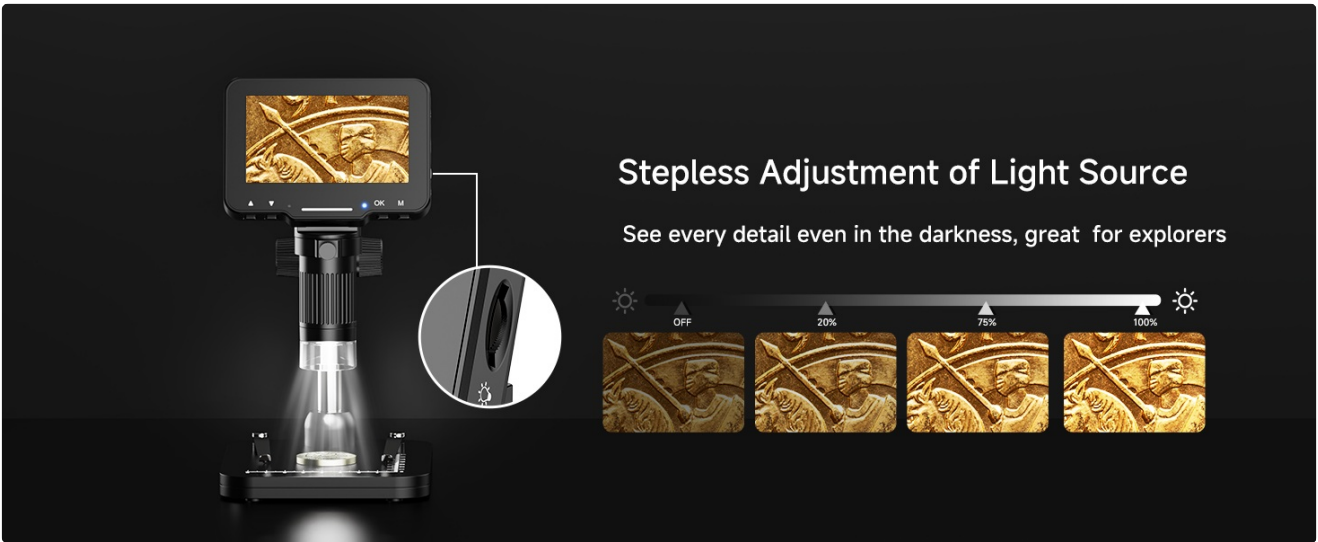


Figure 7: Stepless adjustment of the light source ensures clear visibility in various lighting conditions.

Your browser does not support the video tag.

Video 5: An overview of the Leipan 4.3" IPS Digital Microscope, highlighting its features for coin collection.

7. SPECIFICATIONS

Specification	Detail
Product Dimensions	4.6 x 3.19 x 7.1 inches
Item Weight	1.28 pounds (0.58 Kilograms)
Model Number	LP-043-Z01C
Batteries	1 Lithium Ion battery required (included)
Manufacturer	LP043
Country of Origin	China
Light Source Type	LED
Material	Plastic
Color	Black
Real Angle of View	16 Degrees
Magnification Maximum	1000 x
Voltage	3.7 Volts

8. TROUBLESHOOTING

If you encounter any issues with your LP043 Coin Microscope, please refer to the following common troubleshooting tips:

- **No Power:** Ensure the battery is charged or the device is connected to a power source via the Type-C cable. Long press the power button to turn on.

- **Blurry Image:** Adjust the focusing cylinder carefully. Ensure the object is placed directly under the lens. Clean the lens if necessary.
- **No Image on PC:** Verify the Type-C cable connection. Ensure 'PC Camera' mode is selected on the microscope. Check your computer's camera privacy settings.
- **Cannot Record/Take Photos:** Ensure a compatible memory card is inserted and has sufficient free space. Check that the microscope is in the correct mode (Video or Photo).

9. WARRANTY AND SUPPORT

Leipan is committed to providing high-quality products and customer satisfaction. For any questions, technical assistance, or warranty inquiries, please contact our dedicated 7*24 customer service team. We are available day or night to ensure your experience with the LP043 microscope is seamless and worry-free.

For further assistance, please visit the official Leipan store or contact customer support through your purchase platform.