

Pomya Model 370 (Pomyahmrby5gzxf-11)

Pomya Handheld Digital Microscope Model 370 User Manual

Model: 370 (Pomyahmrby5gzxf-11)

1. INTRODUCTION

This manual provides detailed instructions for the proper use, setup, operation, and maintenance of your Pomya Handheld Digital Microscope, Model 370. Please read this manual thoroughly before using the device to ensure optimal performance and longevity. This portable digital microscope is designed for detailed observation and recording of various specimens with up to 500x magnification.

2. PRODUCT OVERVIEW

The Pomya Handheld Digital Microscope features a 2.0-inch IPS color screen, 500x magnification, 2-megapixel lens, and 8 built-in LED lights for enhanced illumination. It supports HD photography and video recording, and offers compatibility with Windows and OS X operating systems for real-time viewing.

2.1 Package Contents

- Handheld Digital Microscope (Model 370)
- USB Type-C Data Cable
- User Manual
- *Note: Memory card is not included and must be purchased separately for expanded storage.*

2.2 Device Components

Refer to the image below for an illustration of the microscope's main components.





Figure 1: Front view of the Pomya Handheld Digital Microscope, showing the screen, power button, and lens with integrated lighting.



Figure 2: Dimensions of the Pomya Handheld Digital Microscope, measuring approximately 11.6 cm (4.56 inches) in length and 6.6 cm (2.6 inches) in width.



Figure 3: Detail of the microscope's lens and the surrounding 8 LED lights, which provide adjustable illumination for clear viewing.

3. SETUP

3.1 Charging the Device

1. Connect the supplied USB Type-C data cable to the microscope's charging port.
2. Connect the other end of the cable to a standard USB power adapter (not included) or a computer USB port.
3. The device has a built-in 400mAh lithium battery. A full charge takes approximately 1.5 hours and provides about 1.5 hours of continuous use.

3.2 Inserting a Memory Card (Optional)

To store photos and videos, an external memory card (not included) is required. Locate the memory card slot on the device and insert the card gently until it clicks into place. Ensure the card is inserted in the correct orientation.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- To power on: Press and hold the power button (usually located on the front or side) until the screen illuminates.
- To power off: Press and hold the power button again until the screen turns off.

4.2 Adjusting Magnification and Focus

The microscope offers 500x magnification. The focus mode is fixed (0mm), meaning the device needs to be positioned at a specific distance from the object for clear viewing. Adjust the distance between the lens and the specimen to achieve the sharpest image on the screen.

4.3 Adjusting LED Illumination

The device is equipped with 8 LED lights. Use the designated buttons (refer to device layout) to cycle through six brightness levels to ensure optimal visibility for your specimen.

4.4 Taking Photos and Recording Videos

- To take a photo: Press the photo capture button (indicated by a camera icon) once. The image will be saved to the inserted memory card.

- To record a video: Press the video recording button (indicated by a video camera icon or 'REC') to start recording. Press it again to stop recording. Videos will be saved to the memory card.



Figure 4: The microscope's screen displaying options for high-definition photo and video capture.

5. COMPUTER CONNECTION

The microscope can be connected to a computer for a broader viewing experience and real-time image transfer.

1. Connect the microscope to your computer using the supplied USB Type-C cable.
2. The device is compatible with Windows Vista, XP, 7, 8, 10, 11, and OS X 11.0 or higher.
3. Once connected, the computer should recognize the microscope as a webcam or storage device, allowing for real-time observation and data access.

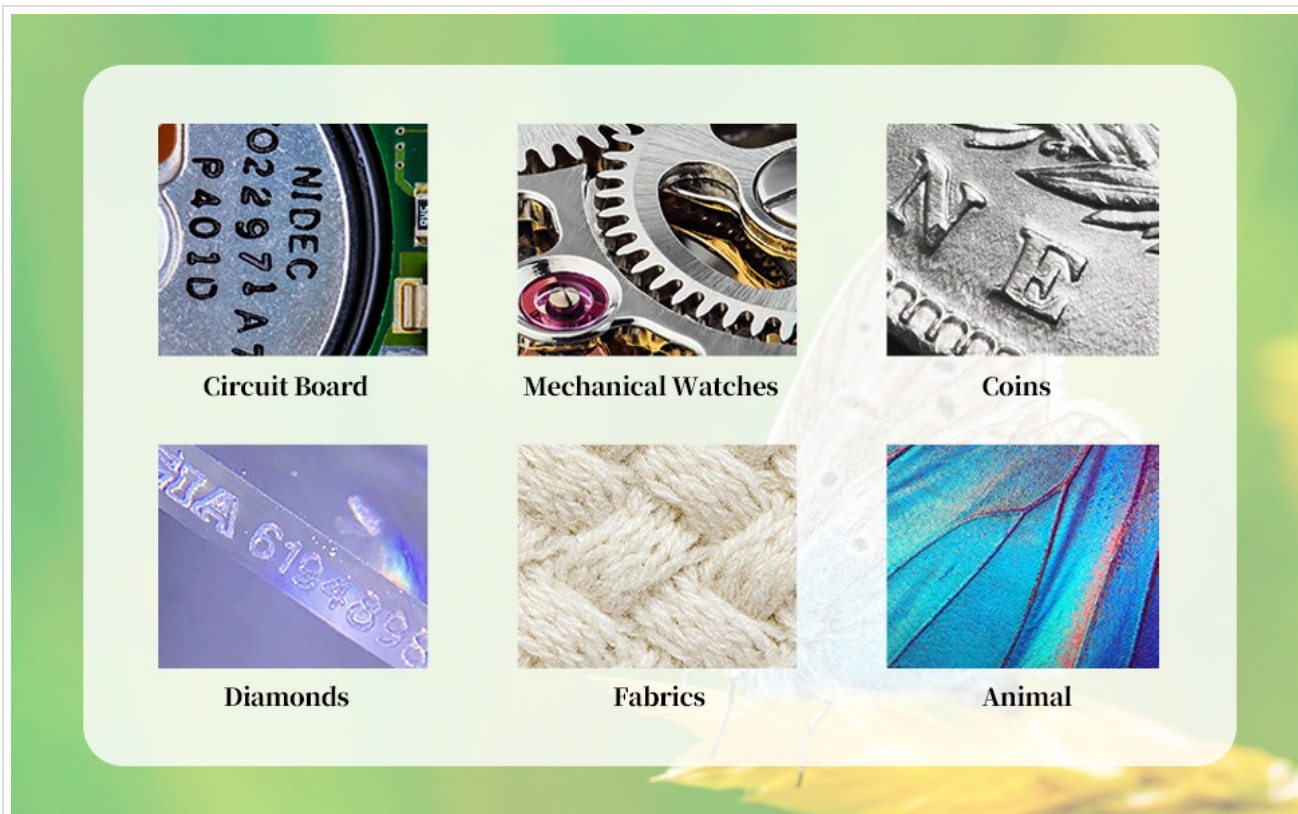


Figure 5: The digital microscope connected to a laptop, demonstrating its compatibility with both Windows and Mac operating systems for real-time data transmission.

6. MAINTENANCE

6.1 Cleaning

- To clean the device body, use a soft, dry cloth. Do not use liquid cleaners or solvents.
- For the lens, use a specialized lens cleaning cloth and solution to avoid scratches.

6.2 Storage

Store the microscope in a cool, dry place away from direct sunlight and extreme temperatures. Keep it away from dust and moisture when not in use.

7. TROUBLESHOOTING

- **Device does not power on:** Ensure the battery is charged. Connect the device to a power source using the USB Type-C cable and allow it to charge for at least 30 minutes before attempting to power on again.
- **Image is blurry:** Adjust the distance between the microscope lens and the object until the image on the screen becomes clear. The microscope has a fixed focus, requiring physical distance adjustment.
- **No image on computer screen:** Verify the USB Type-C cable is securely connected to both the microscope and the computer. Ensure the computer's operating system is compatible (Windows Vista/XP/7/8/10/11 or OS X 11.0+). Check if the computer recognizes the device as a camera or storage.
- **LED lights are dim or not working:** Check the battery level. If the battery is low, the LED performance may be affected. Recharge the device. If the issue persists, ensure the brightness settings are adjusted correctly.
- **Cannot save photos/videos:** Ensure a compatible memory card is properly inserted into the device. If a card is present, check if it has sufficient free space or if it is corrupted. Try reformatting the card (this will erase all

data).

8. SPECIFICATIONS

Feature	Specification
Item Model Number	370 (Pomyahmrby5gzxf-11)
Lens Pixel	2MP
Resolution	1920x1080P
Magnification	500X
Focus Mode	Fixed Focus (0mm)
Light Source	8 LED (Adjustable Brightness)
Port	Type-C
Battery Type	400mAh Lithium Cell (Built-in)
Battery Life	Approx. 1.5 hours
Charging Time	Approx. 1.5 hours
Screen	2.0 Inch IPS Color Screen
Image Format	JPG
Video Format	AVI
Compatibility	Windows Vista/XP/7/8/10/11, OS X 11.0 or higher
Material	ABS Plastic
Item Weight	4.3 ounces
Color	Black

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided at the time of purchase or contact your retailer. Specific warranty terms may vary by region and seller.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B0DHHKF6VR>

More documents and user manuals: **<https://manuals.plus/>**