

Jiusion 1000x Magnification Endoscope



Jiusion 1000x Magnification Endoscope User Manual

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Jiusion 1000x Magnification Endoscope



Jiusion Digital Microscope

Unlocking the World of Microscopic Wonders

The Jiusion 1000x Magnification Endoscope offers a fascinating journey into the microscopic world, revealing intricate details that are often hidden from the naked eye. Let's delve into the dimensions, parts, compatibility, and diverse applications that make this device an essential tool for various fields. The Jiusion 1000x Magnification Endoscope combines precision, adaptability, and compatibility, making it an invaluable tool for professionals, students, engineers, and enthusiasts exploring the wonders of the microscopic world. With its user-friendly design and broad applications, it stands as a gateway to discovery in fields ranging from science and industry to education and beyond.

Specifications

- **Light Source Type:** LED
- **Material:** Metal
- **Color:** Black
- **Real Angle of View:** 120 Degrees
- **Magnification Maximum:** 1000x
- **Item Weight:** 0.44 Pounds
- **Voltage:** 5 Volts
- **Brand:** Jiusion
- **Compatible Devices:** Personal Computer, Smartphone
- **Objective Lens Description:** Achromatic
- **Package Dimensions:** 5.39 x 5.16 x 1.85 inches

- **Item Weight:** 7 ounces
- **Item Model Number:** Jiusion-1000x

Features

- **Portable Magnification:** Designed for students, engineers, inventors, and enthusiasts, offering a portable solution to explore the microcosm.



Metal Stand



Type C Adapter



8pcs LEDs



CD Driver and Ruler

- **Wide Compatibility:**
 - **PC Compatibility:** Supports Windows 2000/2003/XP/Vista/7/8/10/11, Linux, Mac OSX, and Chrome OS.
 - **Smartphone Compatibility:** Compatible with a wide range of Android smartphones, excluding iPhones and iPads.
 - **Tablet Compatibility:** Specifically compatible with selected Samsung Galaxy Tab, Google Nexus, and other tablets.
- **Versatile Applications:**
 - **PCB Inspection:** Ideal for viewing intricate details of printed circuit boards for quality control or educational purposes.
 - **Textile Analysis:** Allows examination of material fibers, facilitating quality assessment.
 - **Entomology:** Enables detailed study of insects, their parts, and anatomy.
 - **Numismatics:** Perfect for observing fine details of coins, including engravings and mint marks.
 - **Botany:** Useful for examining the structure of leaves, aiding in plant identification.
 - **Butterfly Wing Examination:** Reveals scales and patterns not visible to the naked eye.

- **User-Friendly Design:**

- **LED Illumination:** Equipped with 8 LED lights surrounding the lens, offering adjustable brightness for optimal illumination.
- **Snap Button:** Allows effortless capturing and saving of images during observations.
- **Focus Wheel:** Manual adjustment for clearer images.
- **Universal Bracket and Rotating Base:** Enhances flexibility by allowing pivoting, rotating, and positioning at various angles.

- **Connectivity:**

- **USB Cable:** Facilitates easy connection to computers and other devices.
- **Micro/USB Connector:** Utilizes a Micro/USB connector for efficient connectivity.

- **Software Functionality:**

- **Recording Capability:** Capture screenshots and record videos of the microscopic world.
- **Measurement Function:** Available in Windows software, allowing precise measurements.

- **Durable Build:**

- **Material:** Crafted from sturdy metal for durability.
- **Color:** Sleek black design.

- **High Magnification:** Offers a maximum magnification of 1000x, allowing for detailed and close-up observations.

- **Item Weight:** Weighs only 0.44 pounds, ensuring portability for on-the-go use.

- **Voltage:** Operates on 5 volts, providing a balance between power and efficiency.

Dimension and Parts Description



- **Dimensions:** The body of the microscope is often described with a length (e.g., 4.5 inches) and diameter (e.g.,

1.3 inches).

- **8 LED Lights:** These are usually positioned around the lens to provide adjustable illumination for the sample being viewed.
- **Snap Button:** This button is typically used to capture and save images.
- **Focus Wheel:** This part allows the user to manually adjust the focus of the microscope to get a clearer image.
- **Universal Bracket:** This part often allows the microscope to pivot or rotate to different angles, sometimes up to 180 degrees.
- **Rotating Base:** The base might rotate 360 degrees, enabling the microscope to be positioned at any angle around the subject.
- **USB Cable:** For connecting the microscope to a computer or other devices; may include LED dimming control for adjusting the brightness of the lights.
- **Micro/USB Connector:** Indicates the type of USB connector used for the device.

Compatibility



PC:

- Supported: Windows 2000/2003/XP/Vista/7/8/10, Linux, Mac OSX, Chrome OS

Smartphones:

- iPhone: All iPhone/iPad series don't support.

- Samsung: Galaxy Series (S10, A8, A70, A60, A50, A40, A30, A20, A10, J8, J7, J6, J5, J4, J3, J2, J1, A8(2018), M30, M20, M10, Note9, Note8, Note10) with exceptions (A5, A3, E7, E5, NO)
- Kindle: Kindle/Fire series don't support.

Tablets:

- Samsung Galaxy Tab A 10.5/S4 10.5/Advanced2/A 8.0 (2019)/S5e
- Samsung Galaxy Tab A 10.1 (2019)/S5e
- Samsung Galaxy Tab A 10.5/S4 10.5/Advanced2/A 8.0 (2018)/S5e
- Samsung Galaxy Note10.1(2014 Edition)/Tab Pro
- Google Nexus 7(2013)

Other Brands:

- **Google:** Pixel Nexus
- **OnePlus:** OnePlus 7/7T/6T/5T/5
- **Redmi:** K20 Pro/Note 7/Note 7 Pro/Note7
- **Xiaomi:** Xiaomi Series (3/4/5/6/7/8/9, note Xiaomi Tablet)
- **OPPO:** R7005 R7Plus OPPOR2017 OPPOR3007 OPPOR7007 find7 A31 A33 A51 A53 N5207
- **Nubia:** Z5 Z7 Mini Z7 Max Z9 Max Z9 Mini nx5aaJ
- **HTC:** E8 M8 Nexus9 9088 802D M7 M8t D826w m9+
- **VIVO:** X5Max X5Pro X6 X5Max X6 X510
- **Motorola:** NEXUS6 MOTO E XPRO Moto G
- **LG:** Nexus5 D855 F400S F400L F350L F320S F320L F310L G3 GPro2
- **Sony:** Xperia-Tablet and multiple Xperia models
- **ZTE:** ZTE V5 Series
- **ASUS:** Nexus 7 ZenFone ZenFone 5
- **TECLAST:** X89 DUAL
- **Pantech:** Vega Popup Note/Vega Iron2/Vega Secret Up/Vega Secret Up/Vega Iron/Vega No6/Vega R3
- **Huawei:** Mate 30/20/10, P30/20/10, Nova 5z/5t/5i/5i pro/5 pro/4/4e/3/3i

Notes:

1. Please check with the respective phone/tablet manufacturer for the latest update before buying the Jiusion USB microscope.
2. This list only includes tested models. If your phone was released in the last 3 years, you can almost guarantee your phone will work with the microscope.

Product Uses

- **PCB Inspection:** Viewing the intricate details of printed circuit boards (PCBs) for quality control or educational purposes.
- **Textile Analysis:** Examining the fibers of materials such as a sweater to assess quality or structure.
- **Entomology:** Studying insects, their parts, and their anatomy in great detail.

- **Numismatics:** Observing the fine details of coins, such as engravings and mint marks, which is useful for collectors and historians.
- **Botany:** Looking closely at the structure of leaves, which can be important for plant identification and health diagnosis.
- **Examining Butterfly Wings:** Observing the scales and patterns of butterfly wings that are not visible to the naked eye.
- **Other Uses:**
 - Skin inspection
 - Hair inspection
 - Educational purposes
 - Print industrial
 - Industrial inspection (PCB, Material)
 - Jewellery & Stamp (Collection)
 - Textile industrial
 - Biological inspection
 - Other

Software and Mobile App Guide

Software and Application Compatibility for Digital Microscope

- **Mac Compatibility:**
 - Mac users can utilize the built-in Photo Booth application for direct use with the microscope.
 - “Quick Camera” is recommended as a compatible and free software option for Mac users.
- **Windows Compatibility:**
 - Windows XP/Vista/7/8/10 users can use “Amcap” software.
 - Amcap can be obtained from the provided CD or by contacting customer service for the latest driver download link (free of charge).
- **Android Compatibility:**
 - Android users can scan the provided QR codes to download the recommended application.
 - The app “Otg View” can also be found and downloaded from the Google Play Store (free, no ads).



Note: This microscope is not compatible with iPhone devices.

Contact Information

- **Customer Service Email:** jiusion@outlook.com
- **This Product Works With:**
 - Windows 2000 / 2003 / XP / Vista / 7 / 8 / 10 / 11 / Linux / Chrome / MAC OSX (Apple Computer) / Android

Distributor:

- APEX CE SPECIALISTS LIMITED
- UNIT 3D NORTH POINT HOUSE, NORTH POINT BUSINESS PARK, NEW MALLOW ROAD, CORK, T23 AT2P, IRELAND
- **Email:** jiusion@outlook.com

Frequently Asked Questions

What are the dimensions of the Jiusion 1000x Magnification Endoscope?

The Jiusion 1000x Magnification Endoscope's body measures approximately 4.5 inches in length and 1.3 inches in diameter.

How does the illumination work on the Jiusion 1000x Magnification Endoscope?

The Jiusion 1000x Magnification Endoscope is equipped with 8 LED lights positioned around the lens, providing adjustable illumination for the sample being viewed.

What is the purpose of the Snap Button on the Jiusion 1000x Magnification Endoscope?

The Snap Button on the Jiusion 1000x Magnification Endoscope is used to capture and save images effortlessly during observation.

How can I adjust the focus for clearer images with the Jiusion 1000x Magnification Endoscope?

The Focus Wheel on the Jiusion 1000x Magnification Endoscope allows users to manually adjust the focus, ensuring clear and detailed images.

Does the Jiusion 1000x Magnification Endoscope come with a Universal Bracket, and what is its function?

Yes, the Jiusion 1000x Magnification Endoscope features a Universal Bracket that allows it to pivot or rotate to different angles, enhancing versatility in viewing.

Can the Jiusion 1000x Magnification Endoscope be rotated, and if so, what is the range?

Yes, the Jiusion 1000x Magnification Endoscope's Rotating Base enables a 360-degree rotation, allowing it to be positioned at any angle around the subject.

How do I connect the Jiusion 1000x Magnification Endoscope to my computer or other devices?

Use the provided USB Cable for connecting the Jiusion 1000x Magnification Endoscope to a computer. The cable may include LED dimming control for adjusting light brightness.

What type of USB connector does the Jiusion 1000x Magnification Endoscope use?

The Jiusion 1000x Magnification Endoscope uses a Micro/USB Connector, indicating the type of USB connector used for the device.

Is the Jiusion 1000x Magnification Endoscope compatible with smartphones and tablets?

Yes, the Jiusion 1000x Magnification Endoscope is compatible with a wide range of smartphones and tablets. Please refer to the compatibility list provided for details.

Can I use the Jiusion 1000x Magnification Endoscope with iPhones or iPads?

No, the Jiusion 1000x Magnification Endoscope is not compatible with iPhones or iPads.

How do I check if my Android smartphone is compatible with the Jiusion 1000x Magnification Endoscope?

Download the free app USB OTG Checker to check if your Android smartphone supports OTG (On-The-Go) functionality, which is required for the Jiusion 1000x Magnification Endoscope.

Can I use the Jiusion 1000x Magnification Endoscope for skin and hair inspection?

Yes, the Jiusion 1000x Magnification Endoscope has versatile applications, including skin and hair inspection, among other uses.

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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