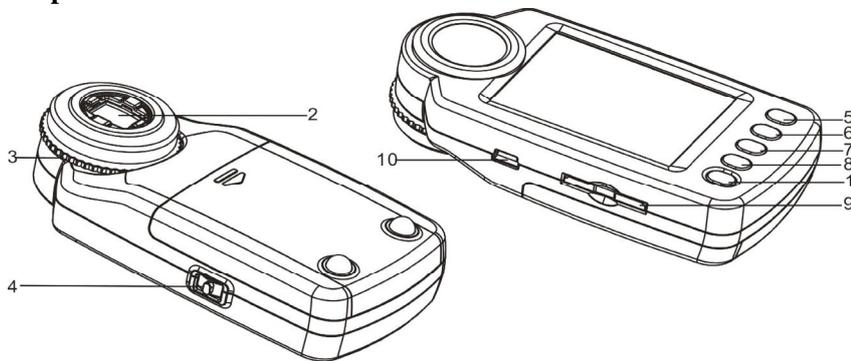


BM6 User's manual

1. Packing list

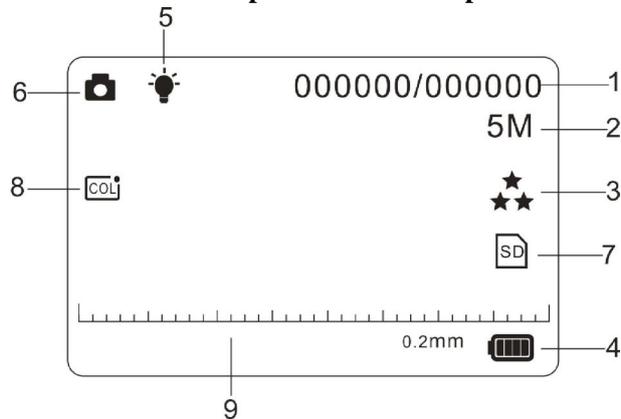
- 1) BM6 microscope
- 2) 4* AAA batteries
- 3) User's Guide
- 4) USB data connection
- 5) Protective bag

2. Microscope function of each button



1	Battery on/off	Press this button to start a microscope, and press 3 seconds to power Off
2	lens	Put the object on the lens when measuring
3	Override rotary	To fine tune the magnification and focal length
4	Digital zoom button / shutter	Observations about stretching this wheel, digital zoom object; Direct press this wheel, start / end pictures or videos
5	Mode switching key	Switching camera / video mode
6	LED adjustment buttons	When the slide show to move to the previous item,4 LED switching edge of the lens to adjust the brightness of light and shade
7	Menu / Delete button	When the slide show to move to the next item,setup Mode and quality of photographs, video process pictures or videos
8	Preview button	When the slides show, just delete the data in the display. In camera mode, press this button to go directly to just take pictures of the preview; Press again to display a preview of all photo shoot data;
9	SD card slot	Put in the SD card, not more than 16GB
10	USB card slot	With a USB connection to transfer data from the SD card to your computer

3. The microscope interface icons presentation



Item	Function	Details
1	Camera / video photography selection	Capture mode: storage of images Video shooting mode: You can record video in time Play Mode: Play picture or video file
2	Resolution selection	5M = 2560x1920; 3M = 2048x1536; 1.3M = 1280x960; VGA = 640x480
3	Select the picture quality	★★ . Ultra High Definition ★ High photo / video selection
4	Battery power display	🔋 full power ☐ No power
5	LED status display	💡 Dark 💡 Normal 💡 Bright
6	Mode	📷 camera 📹 video
7	SD Card	Insert SD card
8	Effect Status Display	Display status: moving state / dark brown / black and white / reverse (Negative) / Text
9	Scale	Scale status display

4. Operation

- 4.1 install four AAA batteries in the BM6 digital microscope Lane;
- 4.2 hold the power button for two seconds to on, two seconds to off then;
- 4.3 Put the object under the digital microscope lens;
- 4.4 observe the objects will be displayed on the screen.

From the rotary knob to adjust the ratio until the draw the clearest image of the object; in clearly, through digital zoom. Buttons to zoom in and out the observed object.

4.6 microscope while providing a low brightness / intermediate brightness / High brightness mode.

When you observe objects close-up, you can select the appropriate LED brightness.

4.7 can use the ruler provided to measure the observed object.

Representative of the length of each tick will appear in the right position

In a chart, for example, a scale on behalf of 0.2 mm each, according to the scale length to calculate the length of objects.



Note:

1. Ensure that the microscope lens and the observed object vertically.
2. By measuring the value observed, there may be some deviation (position on uneven) because of the emergence of different distances. For reference only.
3. Zoom view: Turn the zoom wheel left (zoom out) or right (zoom).
4. Switch camera / video mode, press the mode button.

Microscope will begin capturing pictures / videos, and saved to the SD memory card.

5. Return to view saved pictures / video files (playback mode)

Back view held in the memory card images (JPEG) and video (AVI)

5. Preview observation

Preview saved on the SD memory card picture / video files

1. The microscope offers two options: a) Single b) Thumbnail
2. Press the Preview button to enter the single playback mode
3. In single preview mode, press the up or down button to save the previous or next picture, press the Menu button to enter delete Slide Sheet selection menu.
4. When the slide shows, you can stop by pressing the OK button.
5. In the picture preview mode, using the digital zoom keys to enlarge or shrink the picture.
6. In preview mode, press Ok button to enter picture preview mode.

Press the digital zoom buttons to move left / right, press the mode switch and LED light control buttons to move up / down to view photos

7. In the thumbnail mode, use the digital zoom keys left / right, up or down to select a picture, press OK to enter a single view.
8. To delete a picture / video files or all files from the SD card by pressing the Menu / Delete button single playback mode.
9. Press the Preview button until the preview mode exit (single → thumbnail → exit)
10. In single preview mode, press the OK button to exit preview mode.

6. Advanced Settings

Press the Menu button provides a variety of options for advanced settings, demand from the definition camera. After up and down keys to select an option, then press the OK button to confirm.

Item	Function	Details
1	Image quality	Optimal, Outstanding, Standard
2	Resolution	a)5M :5MEGA PIXELS (2560 x 1920) b)3M :3MEGA PIXELS (2048 x 1536) c)1.3M :1.3MEGA PIXELS (1280 x 960) d)VGA 640*480 (640 x 480)
3	Automatic off	Off / 1 minute / 3 minutes / 5 minutes
4	Date/time setting	Date or time setting
5	Quick preset	Off /0.5 sec / 1 sec / 3 seconds
6	Default settings	a) Cancel b) Yes
7	Format	a) Cancel b) Yes
8	Scene Selection	a) movement Insects b) tan c) Black and white d) negative e) Text f) Quit
9	language	Available in nine languages: English / French / German / Italian / Portuguese/ Grapes tooth language / Spanish / Japanese / Simplified Chinese / Traditional Chinese
10	Splash Screen	a) On b) Off
11	Version	a)SERIAL b) RESET
12	Light frequency	a) 50Hz b) 60 Hz

7. Power storage

- 1) The microscope when not used, remove the batteries to prevent battery leakage discharge damage the body;
- 2) In an alkaline battery-powered microscope, do not and can react with each other's products together.

8. Technical specification

BM6	Portable Digital Microscope
size	12*7*25cm
static image resolution	VGA(640*480)
	1.3 million pixels(1208*960)
	3 million pixels(2048*1536)
	5 million pixels(2560*1920)
image format	JPEG
video resolution	VGA(640*480)
	QVGA(320*240)
video format	AVI
magnification	10X-500X
focus range	manual focus: 0.5-5cm
Continuous zoom	4X
lens	High sensitivity
Shutter speed	12/1/2000 seconds
auxiliary light source	White light-emitting diodes
LCD screen	2.7inch color screen
storage	micro SD card
interface	USB2.0
battery	4*Alkaline batteries

Company: Wuxi Biomedical Technology Co., Ltd.

**Address: Room 408, No.801 Hongqiao road, Wuxi, Jiangsu,
China 214072**

Tel: 86-510-85572789

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<http://www.portable-ultrasound-scanner.com/>

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