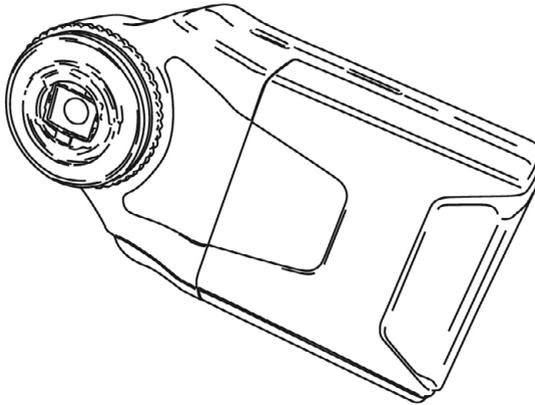


**Anyty**<sup>™</sup>



**Mobile Digital Microscope**



**Manual**  
**MSV330Z**

Thank you for the acquisition of this product.  
Please read the instructions carefully and use based on the manual.  
Keep this manual at hand for future reference.

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# Safety rules

- ▶ Make sure to read before using.

※ The following indications are made as to prevent users, other people or material damage.

- ▶ Description

 <b>Warning</b>	Improper use may result in heavy injuries or damages.
--	---

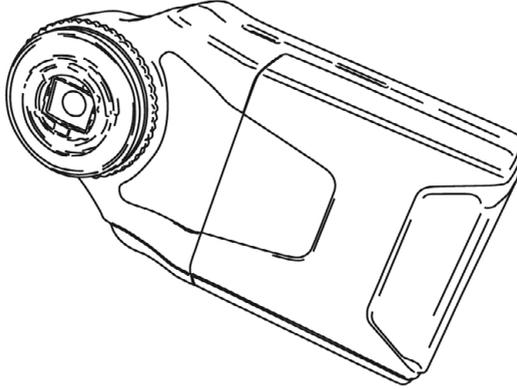
 <b>Warning</b>	
	▶ Do not look directly at the LED.
	▶ Do not leave the product exposed to strong sources of light or heat.
	▶ Stop using in smoke or strange smell comes from the product.
	▶ Do not operate the product if wet or with wet hands.
	▶ When installing batteries in the product, do not mix old-new ones or mix different type/brand batteries together.
	▶ Do not disassemble or modify in any way.
	▶ Do not apply thinner, benzine or other organic solvent, cleanser or metal scrubber.

 <b>Caution</b>	
	▶ Remove batteries and USB cable before cleaning.
	▶ If the products start working strangely or smoke/strange smell comes from it, stop using.

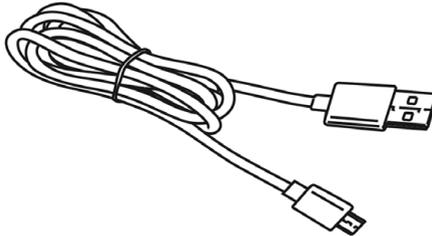
# Contents

---

MSV330Z Microscope main body



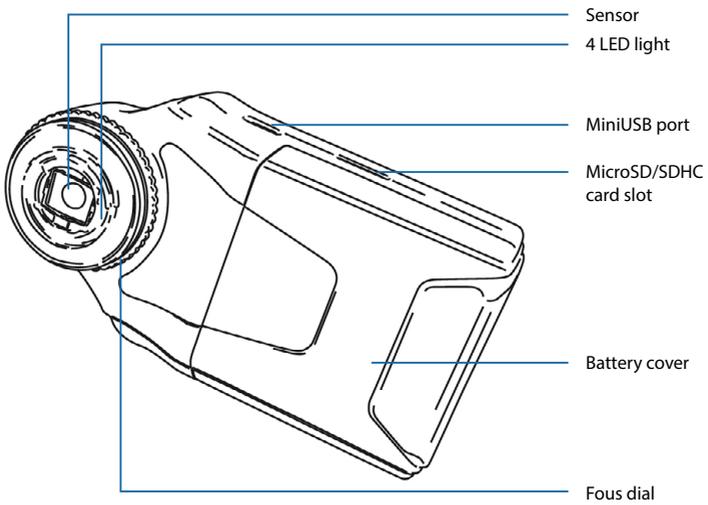
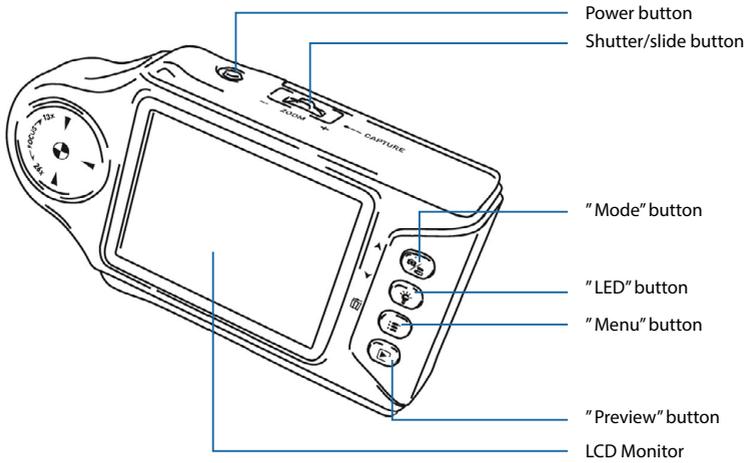
MicroUSB cable



Soft case  
Cleaning cloth  
MicroSDHC card (for operation testing)  
Manual

# Description

---



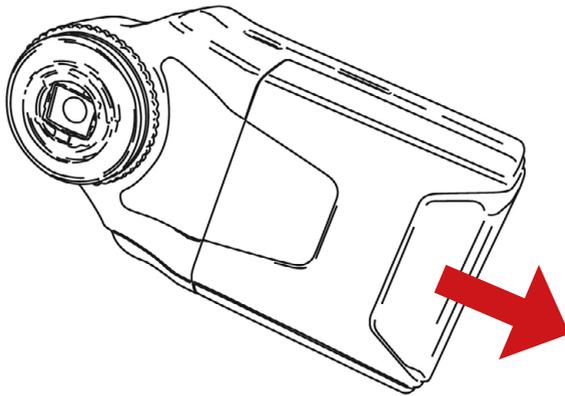
# Preparations

---

## Before using:

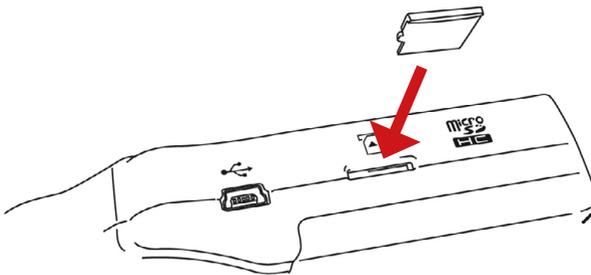
### ▶ Battery installation

1. Prepare 4 alkaline batteries AAA.
2. Open the battery cover as shown below and install appropriately the 4 batteries.
3. Put back the battery cover.



### ▶ MicroSDHC installation

Locate the MicroSD/SDHC slot and introduce the MicroSDHC card appropriately.

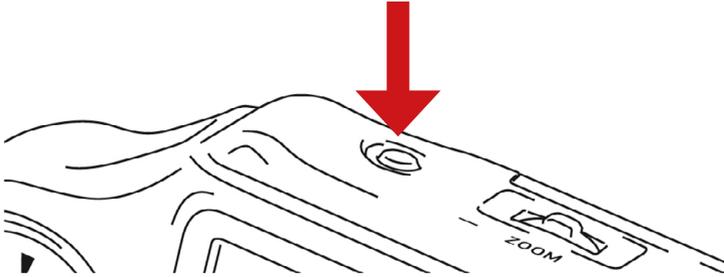


## Operation : Basics

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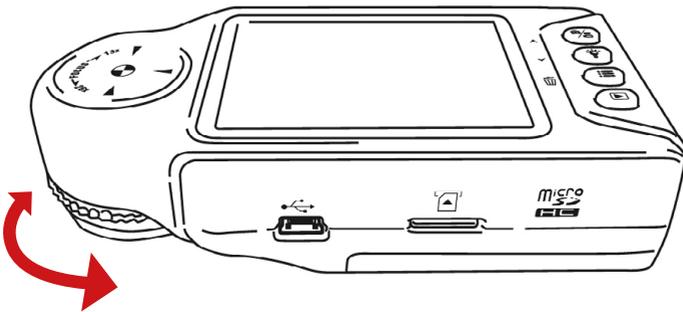
### ▶ Power ON/OFF

Press the "Power" button, the LCD monitor will start displaying.  
Once ON, press and hold "Power" for 2 seconds to turn OFF.



### ▶ Focus adjust

1. Place down the sensor over the target surface.
2. Adjust the dial while observing the LCD monitor to adjust the focus.



### ▶ Remark

- ※ It does not matter the object or if the microscope can be placed flat but for proper adjustment, the image must be constant.

## Operation : Basics

---

### ▶ LED ON/OFF

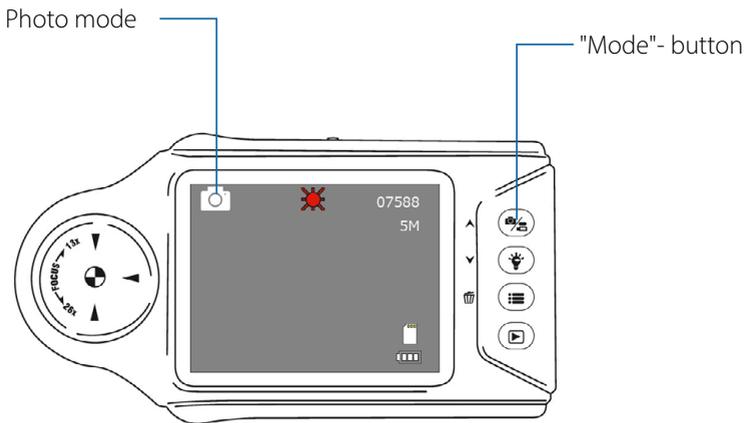
By pressing LED button  the LED will alternate between ON/LED.  
Once the LED is working, this mark  will be displayed on the monitor.

### ▶ Digital zoom

Move the "Shutter" button left and right to change the digital zoom.   
Digital zoom can be adjusted up to 10 time.

### ▶ Photo shooting

1. By pressing Mode  Camera icon  will appear and is possible to shoot photos now.



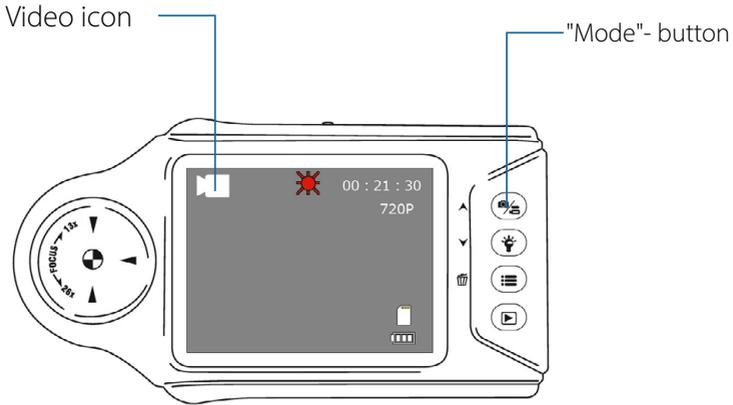
2. Press the shutter button  a photos will be stored at the MicroSD/SDHC card.

# Operation : Basics

---

## ▶ Video recording

1. By pressing Mode  Video icon  will appear and is possible to record video now.



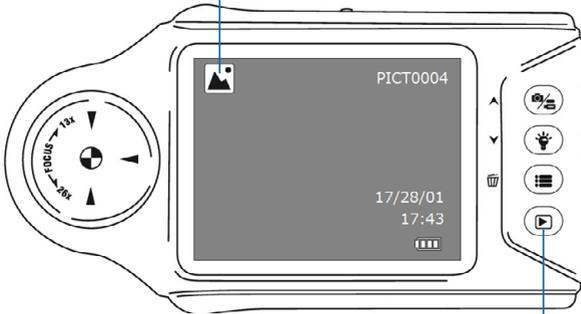
2. Press the shutter button  to begin recording.  
Press the shutter button  again to finish. Data will be stored in the MicroSD/SDHC.

# Operation : Basics

## ▶ Data view Photos/Videos

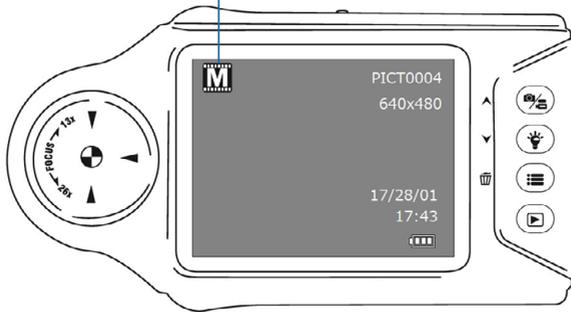
"Preview button (▶) press to review all stored data.

Photo data icon



Preview button

Video data icon



Tilt the camera button left/right  to navigate through the data.

For videos, the selected one will start playing/stop by pressing the shutter button. 

# Settings

## ▶ Photo/Video mode

Press the button for the main menu and navigate to Settings.

### Navigation

- Move up Press " Mode"  or slide right 
- Move down Press " LED"  or slide left 
- Select Press "Shutter" 
- Close settings Press "Menu" 

## ▶ Photo resolution

Possible to choose between the following:

- 5M 2560 x 1920
- 3M 2048 x 1536
- 2M 1920 x 1080
- 1,3M 1280 x 960

## ▶ Video resolution

Possible to choose between the following:

- 720P - 1280 x 720
- VGA - 640 x 480

## ▶ Date

When ON, date will be recorded in the photo/video.

- OFF/ON

## ▶ Loop recording

Recording will be divided into the selected time periods.

z.B. Setting: [1 min] If a 2:30 min movie is recorded, the final files will be:

- ➔ 1 min, 1 min, 30 sec. 3 differnt files
- 1min / 3min / 5min / 15min

# Settings

---

## ▶ Image quality

Set the compression rate of the photos / videos to be taken.  
This reduces the file size, but also the quality.

- Fein / Standard / Economy

## ▶ Format

MicroSD/SDHC format of the card.

- Cancel / Confirm

## ▶ Language

Select the language of the display.

- Englisch / Chinese / Japanese / French / German /  
Korean / Italian / Portuguese / Russian / Spanish

## ▶ Auto-Off

Turn OFF the automatic shutdown function or set the Auto-Off timer.  
OFF means the Auto-off function will not work and needs to be shutdown manually.

- OFF / 1min / 3min / 5min

## ▶ Default

Here you reset the device to factory settings. The language is also reset to Japanese.

- Cancel / Confirm

## ▶ Frequency set

Setting for the frequency setting rate.

- 50 Hz / 60 Hz

# Settings

---

## ▶ Day / Hour

Hier stellen Sie die Datumsanzeige ein.

- YY / MM / DD

## ▶ USB

Set the mode to connect to PC.

- PC Kamera      Operate the USB camera Windows10 allows to use the "camera" application to display the image.
- Mass storage    For accessing the data in the SD card.

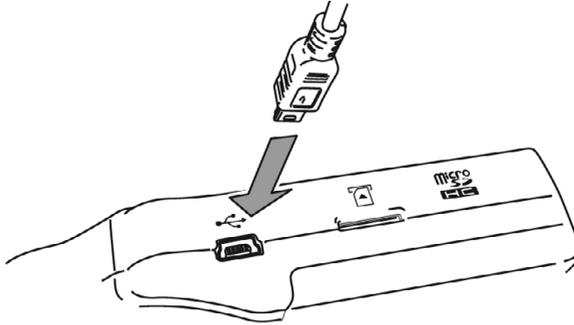
## ▶ Version

Display current version.

## PC connection

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- ▶ **After connecting to the PC with the miniUSB cable, the following can be done:**
  - USB camera (Setting: PC camera).
  - Fotos und Videos importieren (Einstellung Massenspeicher).



# Troubleshooting

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▶ **Does not turn ON**

- Confirm the proper orientation of batteries installation.
- In case of spent batteries, replace for new ones.

▶ **Does not turn OFF**

- Press and hold " Power" button for 2 seconds.

▶ **Image does not properly display**

- Make sure to properly focus the image first with a close-up stable image.

# Specifications

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Camara	CMOS 5 Megapixel
Magnification	13 – 26x optical
Digital zoom	Up to 10x
Image format	Jpg
Image resolution	2560 x 1920, 2048 x 1536, 1920 x 1080, 1280 x 960
Video format	AVI
Video resolution	1280 x 720, 640 x 480
Light source	4x White LED
Monitor	2.7 inch color LCD
Memory	MicroSD/SDHC cart (Up to 32GB)
Power	4x AAA battery
Size	118 x 63 x 31 mm
Weight	(Without batteries) 110 gr
Operating system	Win 10/8.1/7, MacOS10.4 or later



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