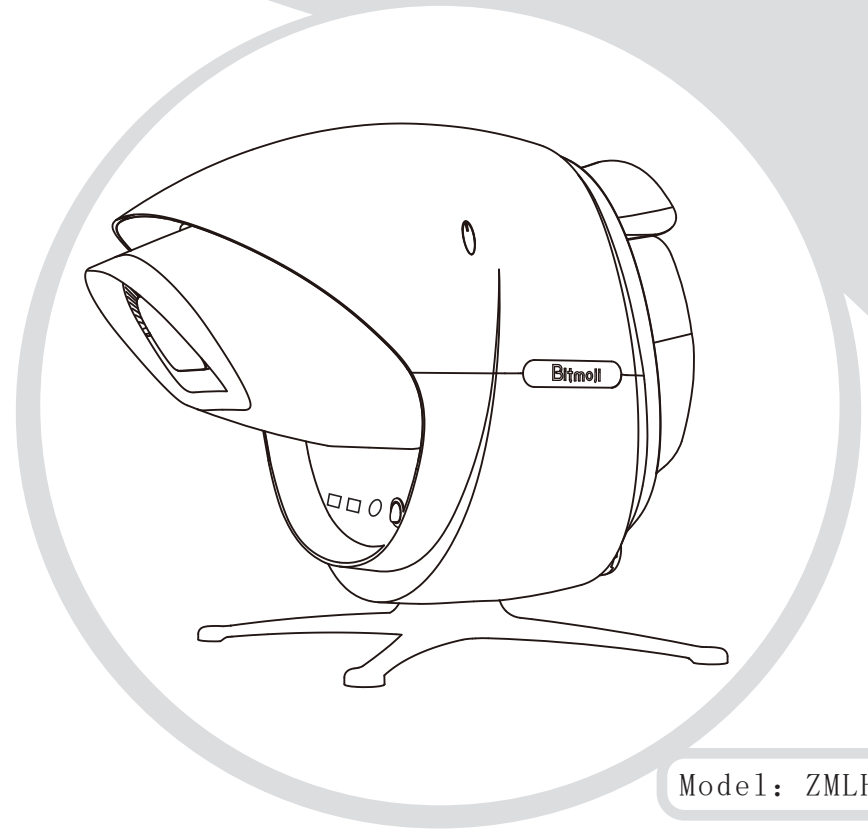


BITIMOJI AI INTELLIGENT IMAGE INSTRUMENT

INSTRUCTION MANUAL

Welcome to the MOJI world and
explore the mystery of skin
together with MOJI !



Model: ZMLH01

Declaration as below:

The information contained in this manual is based on the experience and knowledge gained in the product field before the issuance of this manual.

Believes that the information provided in this manual is accurate and reliable, but not make any guarantee, including (but not limited to) the implied guarantee of its merchantability and fitness for a specific purpose. Will not be liable for any loss or damage, including any result or special damage caused by the use of this information, even if such loss or damage is caused by negligence or other errors.

The content and information of this manual shall not be reproduced and transmitted without the permission from the copyright of this manual. Due to the upgrade and improvement of the product, the contents contained in the manual will be changed without notified.

Please read this manual carefully before installing the ZMLH01 MOJI artificial intelligent image analyzer.

Several patents have been filed and declared, including product's appearance,interface,software and some other functions. Any plagiarism will be prosecuted.

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1.Safety information

1.1 Summary of safety

According to electrical safety classification, this equipment belongs to class 1, mobile general equipment.The following is an overview of safety precautions:

- ◆ Operators do not open the shell of equipment under any cir-cumstances.
- ◆ Under working situation, do not move the device. Please lock the trundles when bracket is used.
- ◆ If the equipment does not work properly, do not repair personally. Should contact with the relevant after-sales department immediately.

1.2 Electrical / Mechanical safety

Only qualified and trained maintenance personnel can open the shell of the equipment and replace the electrical and mechanical parts, otherwise it may cause safety problems.

The following is an overview of the warning information:

1.2.1 Mechanical safety

- ◆ This device is a desktop device. Before operation, make sure that the device is placed in a safe area. Please lock the trundles when bracket is used.
- ◆ The equipment must not operate when the case is opened.
- ◆ When installing and pulling out the plug of all accessories of the instrument, be sure to tighten the screw lock on the plug clockwise, and completely loosen it counterclockwise.

1.2.2 Electrical safety

- ◆ Risk of lightning shock——To protect users and operators, ensure that the metal shell of the equipment is grounded, and the protective grounding of the power supply socket is intact. Do not connect the three-wire cable of this equipment to the two-wire plug.
- ◆ Risk of electric shock——Do not open the metal shell of the equipment during operation or when the power is connected. Only authorized maintenance

engineers can open the metal shell of the equipment.

- ◆ Please turn off the system power before cleaning.Cleaning includes using a soft brush or cloth to remove dust from the surface of the equipment, using a brush or a non-corrosive cleanser such as a facial cleanser to remove dust from the connector and the edge of the panel.Do not allow the cleanser to penetrate the equipment, especially the edge of connector and display panel, etc.
- ◆ If there is an emergency situation during the operation,the power switch which is down the back of the main machine can be used to cut off the power or unplug the power socket of the instrument to terminate the operation.
- ◆ If the power plug and socket is found loose, or the outer insulation layer of the power cord is damaged, please stop operating immediately to keep out of fire or electric shock.
- ◆ If the power cord or accessory wire is damaged, these special components must be purchased from the manufacturer or maintenance department to replace it.

1.2.3 Environmental safety

- ◆ Do not operate this device beyond the limits of the operating environment, or it will not work properly.The environment is defined as follows :
 - A.Temperature range of operating environment : 10~40°C
 - B.Relative humidity: ≤80%
 - C.Altitude: -500m~4600m
 - D.Supply voltage: 100~240VAC Frequency:50/60HZ
- ◆ Keep environment clean and avoid device shocked.Keep away from corrosive things,dust,high temperature and humid environment.
- ◆ Electromagnetic interference——To ensure that the environment of installation and using the instrument is not under strong electromagnetic interference, such as radio transmitter,mobile phone and otherradio frequency emission source.

1.2.4 Operational safety

1. It should be operated by professionals or trained personnel to prevent

incorrect operation that leads to unexpected effect.

2. Please stop using this instrument immediately if you feel uncomfortable.
3. Please power off the machine and unplug the power cord afterusing to ensure safety.
4. Do not unplug the power cord while instrument is operating.
5. In case of any abnormal situation during operating, please power off andunplug the power cord of the instrument immediately, thencontact with the relevant after-sales department immediately.
6. Please turn off the power switch of the instrument after used, and unplug the power input from the socket.
7. Unplug the power input when maintaining the instrument.

1.3 Indication and Contraindication crowds

1.3.1 Range of indications








- ◆ For all the people except for who is sensitive to RGB light, white light, positive polarized light, negative polarized light, UV light, blue light 405nm, Wood's light, red light, brown light.

1.3.2 Contraindication crowds

- ◆ For who is sensitive to RGB light, white light, positive polarized light, negative polarized light, UV light, blue light 405nm, Wood's light, red light, brown light.

1.4 Symbols and labels




1.4.1 Safety symbols

	Functional Earthing		Alternating Current
	Protective Earthing		Manufacturer
	Dangerous Voltage		Production Date
	Check Random File	SN	Serial Number

1.4.2 Transportation symbols

	Fragile, Handle With Care
	Keep Dry
	Prohibit Tilted
	Pile Up
	Upward Placing

1.4.3 System labels

MOJI artificial intelligent image analyzer	
Model: ZMLH01	
Power input: 100-240VAC 50/60HZ 0.8A max	
Nstrument code:	
Manufacturer:	
Address of Manufacturer:	
  	
Warning: non-professional personnel are not allowed to dismantle and install the instrument.	
Qualified	PASS
	Production date:

2. Product introduction

2.1 Overview

MOJI artificial intelligent image analyzer is a device which is safe, reliable, intelligent, continuous deep learning, automatic upgrade and update the skin images.

2.2 Expected use

- The skin was comprehensively evaluated by presenting 14 indicators including sebum, pores, acne, wrinkles, color spots, skin tone, moisture, UV spots, pigment, sensitivity, pimple, heavy metals, lipid, collagen fiber, etc.
- Problem skin, skin prediction, analyse and evaluate the comprehensive report.
- Comparing the results before and after by data visualization.
- Provide personalized solutions, editable skin care products or skin care recommendations.

2.3 Function features

- Super cloud computing, unprecedented speed of analysis.
- Objective and accurate data.
- Displaying high definition image perfectly by using Industrial grade HD camera.
- Face recognition, outline face contour automatically. To save time, free from worry and less effort.
- Intelligent deep learning function, instrument upgrade automatically, data will be more and more accurate, endless learning.
- Cloud storage, unlimited capacity.
- Support multiple account management.

2.4 Electrical and packaging parameters

Input: 100~240VAC 50/60HZ

Frequency: 50/60HZ

Impedance: 50Ω

Output power: 0~100W

Rated current: 0.8A

Package size: 68.5 x 57.0 x 57.5 cm(carton)

Unpackaged size: 50.0 x 38.0 x 44.0 cm

2.5 Transportation and storage requirements

Temperature range: -20~60 ℃

Humidity range: ≤80%

Altitude: -500m~13,100 m

This instrument is suitable for general transportation such as train, automobile, ship, airplane, etc. It should prevent the violent vibration, collision and falling of the instrument during transportation, also handle with care, keep up and dry.

This instrument should be stored in a non-corrosive gas and well-ventilated room. When the instrument is not used for a long time, it should be cleaned and stored. It is best to power on for 1-2 hours a year to prevent be affected with damp.

3. Equipment installation

3.1 Field requirements

3.1.1 Operating environmental requirements

Environment temperature of system operation: 10 ℃ ~40 ℃

Relative humidity: ≤80%

3.1.2 Power requirements

Supply voltage: 100~240VAC

Using a wall socket or extension socket with a secure ground wire, the instrument is grounded through the ground wire in the three-core power cord in accordance with the safety standard. Nice grounding is very important for the safety of operation.

3.2 Unpack

(1) Check the outer packing before unpacking, if there is any

damage, please contact the sales agency or sales staff, and take photos to keep evidence. If the instrument is damaged, dealing with the transport company to claim procedures immediately.

(2) After opening the case, verify whether the packing list is consistent with the goods in the case (see table 1). If there is any shortage, please contact the seller of the instrument immediately.

MOJI artificial intelligent image analyzer				
Product name	Label code	Quantity	Option (√)	Note
Mainframe		1	√	
USB cable		1	√	
Instruction manual		1	√	
Warranty card		1	√	See warranty card for details (5. 2. 3)
Certification		1	√	
Tablet PC (tablet personal computer)		1	<input type="checkbox"/>	
Tablet charger		1	<input type="checkbox"/>	
All-in-one machine (Mainframe)		1	<input type="checkbox"/>	
All-in-one machine (power cord)		1	<input type="checkbox"/>	

Table 1: Packing list

3.3 Installation steps

(1) Open the instrument packing box, then take out the instrument, and check whether there is any obvious damage to the instrument shell and accessories. Check whether the accessories are complete (table 1).

(2) Install the tablet on the bracket.

(3) Insert the power cord into the power input socket of the instrument, and plug the power cord into the wall plug or patch board where there is

electricity.

(4) Power on the tablet, plug in the USB cable, connect to the Wifi network, enter the interface of operating software, and start using.

Note:

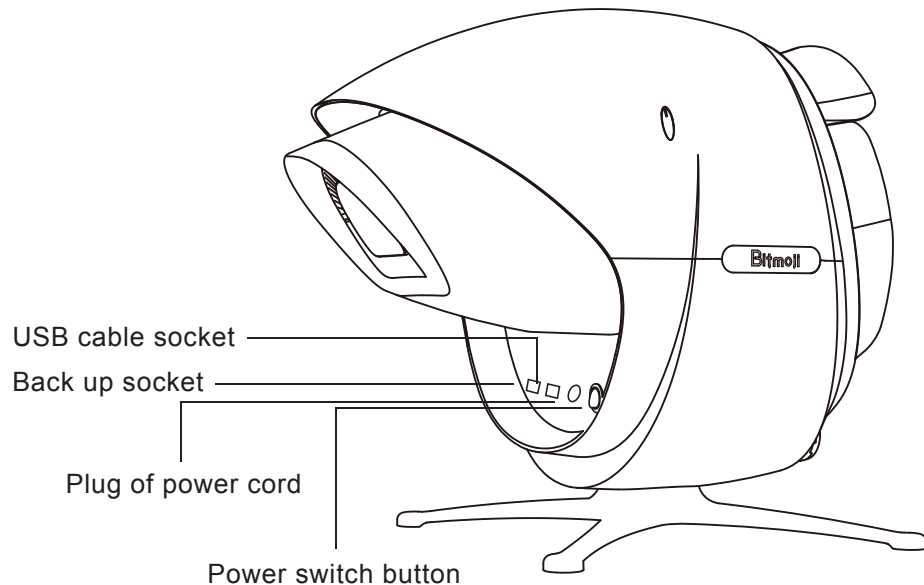
Make sure that each plug is securely connected to the instrument.

4. Operating instructions

4.1 Power on and power off

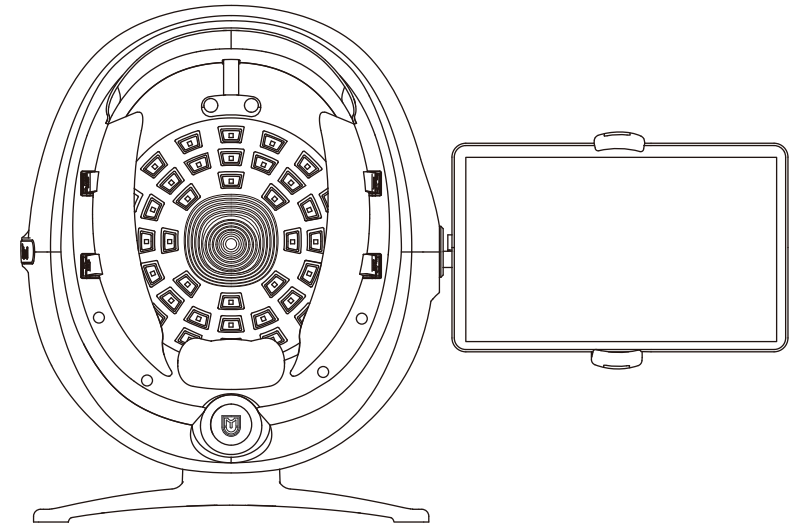
4.1.1 Power on

In accordance with the requirements of manual chapter 3, after the installation of instrument is completed, make sure that all external communication cables have been correctly installed, the ground wire of system protection installed correctly and securely. Make sure the power switch is turned on, then insert the power cord of instrument into the power socket of power grid (100-240 vac). Press open, then power on.



Warning:

nsure that the external grounding wire of the instrument is properly and firmly connected, and do not remove the grounding wire of the equipment for any reason.



4.1.2 Power off

Press the power switch button, then power off, and unplug the power cord of instrument.



4.2 Introduction to the interface of parameter settings

No further information. To See operating technical guide of MOJI artificial intelligent image analyzer for details.

4.2.1 Introduction to the functional operations

To See operating technical guide of MOJI artificial intelligent image analyzer for details.


5. Main-10tenance

	<p>Warning:</p> <p>Maintenance of the instrument shall be performed by personnel with after-sales qualification or maintenance personnel familiar with the instrument. Before maintenance of the instrument, the power supply should be cut off and the power cord pulled out of the power socket. Maintenance of the equipment may cause personal injury and instrument damage while under the electricity.</p>
	<p>Note:</p> <p>The cleaning solution should be prohibited from entering the instrument during the whole cleaning process to prevent leakage of electricity or corrosion of USB socket, resulting in poor contact.</p>

- ① Keep the instrument clean at any time. The instrument should be covered with a breathable dust cover made of cloth after using. The surface of the instrument can be wiped with soft wet cotton cloth, or use a non-corrosive cleanser such as facial cleanser if it's necessary. Prevent detergent from infiltrating into the instrument.
- ② The instrument shall be operated by trained personnel, and shall not absent without leave after the instrument is started. The mainframe and all accessories shall be checked regularly by professional personnel to keep them in good condition.
- ③ Avoid harmful gas and corrosive liquid flowing into the instrument. Water is strictly prohibited in the mainframe, so as not to cause personal injury when the reduction of insulation performance and leakage of electricity.
- ④ The whole instrument should be in dry and ventilated area. When the instrument is not in use, it should be covered by cloth.
- ⑤ The instrument is not allowed to collide. The inside of the instrument is a precise electronic circuit. Do not open it without permission.
- ⑥ The instrument should be kept clean at all times with a soft semi-dry cotton ball, 75% alcohol and no organic solvents such as acetone. Do not

allow cleaning fluid to infiltrate into the instrument during cleaning. Do not sterilize at high temperature.

- ⑦ If the instrument needs continuous storage, the instrument must be powered on for operation (1-2 hours) maintenance when the continuous storage time reaches 12 months.

	<p>Warning:</p> <p>To avoid electric shock, do not disassemble the instrument by yourself.</p>
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5.1 Fault handling

When MOJI AI image analyzer is broken-down, should determine the possible cause of failure based on the fault phenomenon, and make the solutions. If it is still not possible to find out the cause of the fault or to eliminate the fault according to the fault treatment table (table 2), please contact your dealer or our specially appointed after-sales service to solve the problem.

Fault status	Overhaul method
Can't turn it on. No response	<ol style="list-style-type: none"> 1. Check if the power is connected. 2. Check if the power button is reset.
The computer can't connect to the camera	<ol style="list-style-type: none"> 1. Whether the instrument is power on. 2. Whether the USB cable is connected to the instrument and computer interface.
Abnormal analysis	<ol style="list-style-type: none"> 1. Check if the device is connected to the Wifi 2. Check if the Wifi connection is successful 3. Check that the USB cable is properly connected to the tablet.

able 2: Faults and handling methods

5.2 The content of maintenance service

5.2.1 Application of functional operations

- Free warranty for one year of whole instrument, and provide after-sales service for lifelong.
- During the warranty period, users can enjoy the unified after-sales service and replacement policy from Zhimeilihe Industry.
- Maintenance must show valid purchase warranty certificate, warranty period is calculated from the date of purchase, if the user lost the purchase certificate, the warranty period will be calculated according to the date of production.
- There is a free maintenance in 30 days If there are faults appear again after repairing, such as the same part, the same fault phenomenon.
- Within the warranty period, the parts of repair and replacement belong to the company. After the warranty period, the parts of repair and replacement belong to the user.
- Additional services and non-original configuration freebies promised by the distributor in each territory shall be maintained by the distributor.

5.2.2 Not covered under warranty

- (1) Accessories and gifts of MOJI artificial intelligent image analyzer.
- (2) Damaged due to improper handling, use, maintenance or storage by the user.
- (3) Damaged when the power voltage is lower than 100 volts or higher than 240 volts.
- (4) Damaged when not following with the requirements about using and maintenance of the instruction manual.
- (5) Disassembling and maintenance are not by the relevant after-sales service personnel.
- (6) Without the permission of the company, used parts and products are not provided by the relevant after-sales service personnel, resulting in the damage of instrument or others.

- (7) Damage caused by the majeure (such as lightning, fire, earthquake, flood, etc.)
- (8) Product's warranty period is expired.
- (9) The model or number recorded on the invoice or warranty card does not conform to the actual goods. In the above situation, relevant after-sales service personnel will carry out charging maintenance, including maintenance fee, spare parts fee and door-to-door fee. The specific cost standard is within the scope permitted by relevant departments.

5.2.3 Warranty card

Name		Phone number		Zip code	
Contact address					
Product model		Machine code			
Name of purchasing company		Date of purchase			

Maintenance record					
Date	The fault content	Processing content	Name of maintenance unit	Phone number	Signature of maintenance personnel

Note:

- This warranty card must be filled out immediately while purchasing.
- Please keep the warranty card properly. Buyers won't have to send the card back.
- Please bring valid purchase voucher when repairing.