

Moji AI Skin Tester-Max Version







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- Operation process
- Function explanation
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1

Positioning of the instrument's functions

Positioning of the instrument's functions



● Emoji AI Skin Tester-Max Version captures the images of facial skin through industrial-grade high-definition effects with 8 light sources such as white light, positive polarized light, negative polarized light, UV light, blue light, Wu's light, brown light, and red light. It adopts the technologies of spectral imaging, AI face recognition, deep learning, 3D skin simulation, cloudcomputing/cloud storage to conduct the quantitative analysis on the pathological features of surficial and deep skin, and comprehensively detect 14 indicators for skin health. Comprehensive analysis and evaluation of skin problems provide reasonable evidences for scientific and accurate management of the skin.



2

Operation process

Precautions for unpacking

- ① Forward ↑ to open the top layer of the outer box and check whether there is a product manual and a certificate of conformity.
- ② Take out the upper layer of pearl cotton, and take out the instrument host, power cord, and colored marker set in turn.

Remarks: The power cord and colored marker set are in the card slot at the bottom of the pearl cotton.

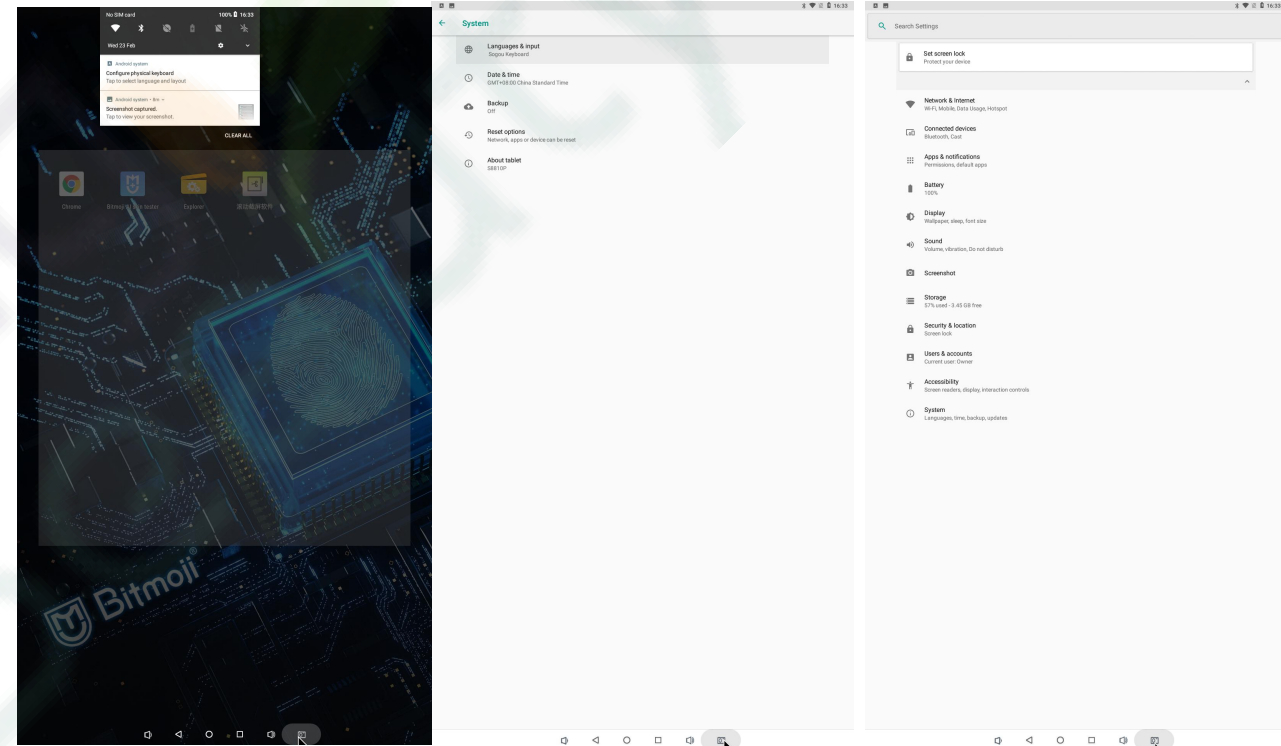
- ③ Power cord of instrument connection: For the first use, first unplug the protective cover of the power cord plug, insert the plug into the socket, and firmly insert the other end into the power jack on the back of the instrument.
- ④ Power on: Press the red button on the back of the instrument, and the power indicator light will light up, which means the power is successfully turned on.



Connect to network WiFi

After the instrument is powered on, find the logo of WIF setting on the upper right of the tablet desktop, click it and find the option of "Network and Internet", then turn on the WIF switch, and search for the corresponding WIF network on site. If there is a network cable on site, you can directly insert the network cable plug into the network cable interface on the back of the instrument, and the running will be smoother.

Note: It can be used flexibly through the navigation keys at the bottom of the tablet system.





Register and Login

Click the icon of "Moji AI Skin Tester" on the tablet desktop to enter the test system interface. For new users, click to register immediately. Follow the prompts to enter the company name/store name/user's name, mobile phone number/email, and obtain the verification code, set the password and repeat the password to confirm, and finally click Register, then click Login.(Note: If you already have an account, you can directly enter the mobile phone number/email address and password, and you can choose to remember the account number/password.)



AI skin test

① Page entry: After successful login, the main page of Moji AI Smart Skin Tester will pop up. Customers who receives the test skin for the first time can directly click the "AI Skin Test" to enter the Add File.

② Add File: Fill in the name, gender and age of the member customer in turn (Note: the real age must be entered for more accurate follow-up test and analysis), mobile phone number, and optionally fill in member star rating and recommender; click Save immediately after filling in the information successfully to enter the photographing.

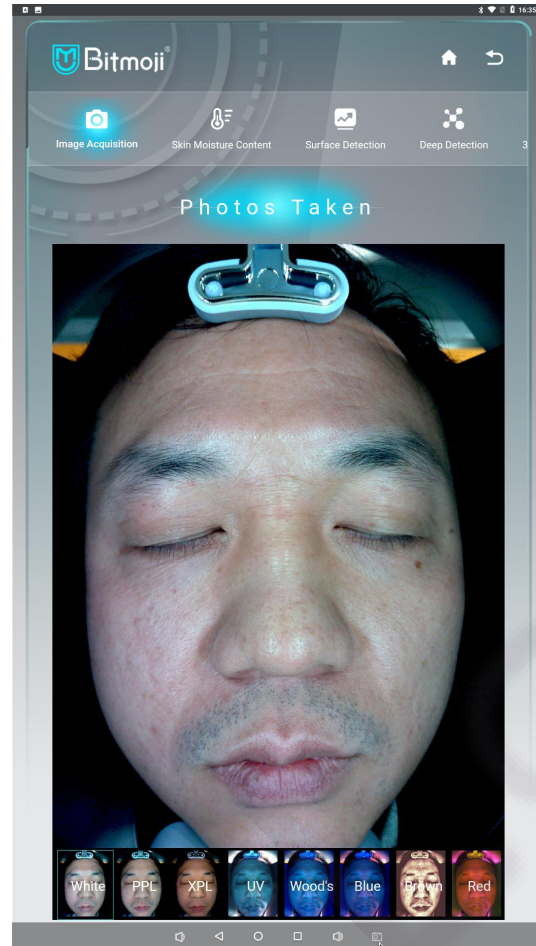


AI skin test

③ Photographing: When photographing, please place your chin on the soft support below the instrument and do not exceed the front slot of the soft support, rest your forehead on the upper forehead support, and align the midline of the nose (the midline of the nose can be marked on the interface). Customers are required to keep their faces clean at all times and close their eyes when photographing, and then click on the smart skin test to enter the photographing. When photographing, the light will flash 8 times and continuously collect eight facial images, waiting for the uploading of image data to the cloud server for AI intelligent analysis.



Image capture interface



Click on image capture and there will be 8 facial images at the bottom of the interface. Click the 8 facial images in turn to check whether there are any problems such as incorrect placement of the face, unrelaxed or inconsistent facial expressions, and incomplete shading resulting in exposed images. If yes, please shoot again.

White、 PPL、 XPL、 UV、 Wood's、 Blue、 Brown、 Red



Skin moisture content

Click the icon labeled "Skin Moisture Content", then click the switch icon in the upper right corner. When the icon lights up, it's on. Take out the colored marker, take off the marker cover, and press the button at the bottom of the colored marker with your hand. It can be used when the green light on the colored marker flashes and the word "connected" appears on the screen interface. Press one end of the test contact head to make it close to the skin test area and wait for about 3 to 5 seconds until the test results of moisture content appears on the screen interface. Finally, click the button of Submit below to complete the test of moisture content.





3

OFunction explanation

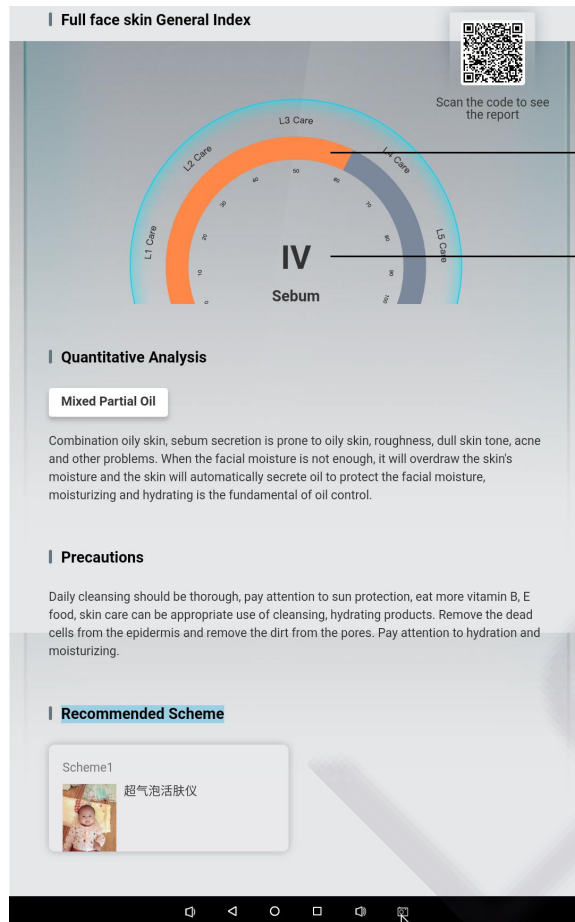
Surface test interface

Click the surface test icon at the top of the interface, the test image analysis of 5 surface dimensions (ther are sebum, pores, pigmentation, wrinkles, and acne, respectively), the corresponding quantitative analysis, precautions and recommended solutions will appear.

Note: The analysis report of each dimension can be viewed and saved on the mobile phone by scanning the QR code.



Analysis indicator

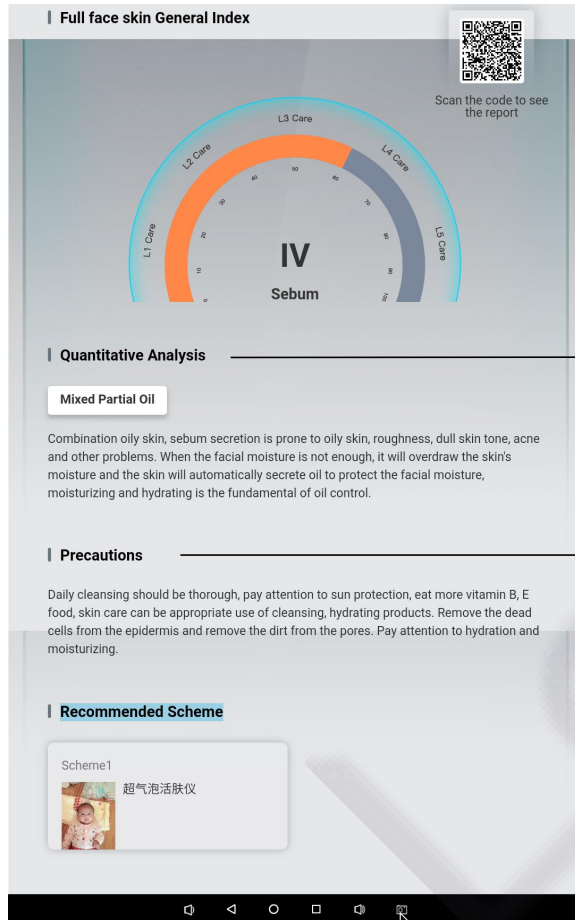


The nursing grade algorithm is adopted and divided into five grades from 1 to 5.
The higher the level of care, the more serious the problem of the skin.

-  Green-Might-Level 1
-  Blue-Might to Moderate-Level 2
-  Yellow-Moderate-Level 3
-  Orange-Severe-Level 4
-  Red-Serious-Level 5



Quantitative analysis

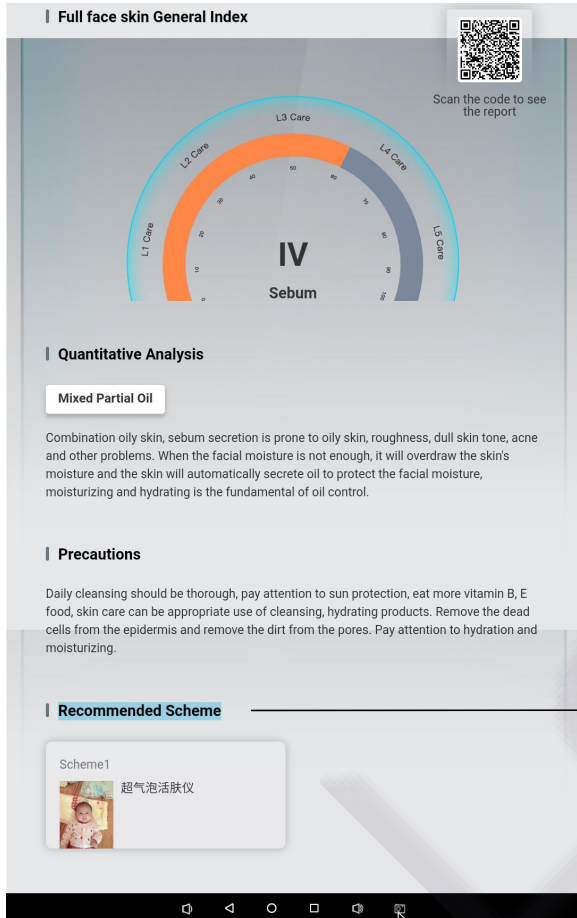


Analysis of definition, causes and prevention of skin problems.

Precautions in daily care.



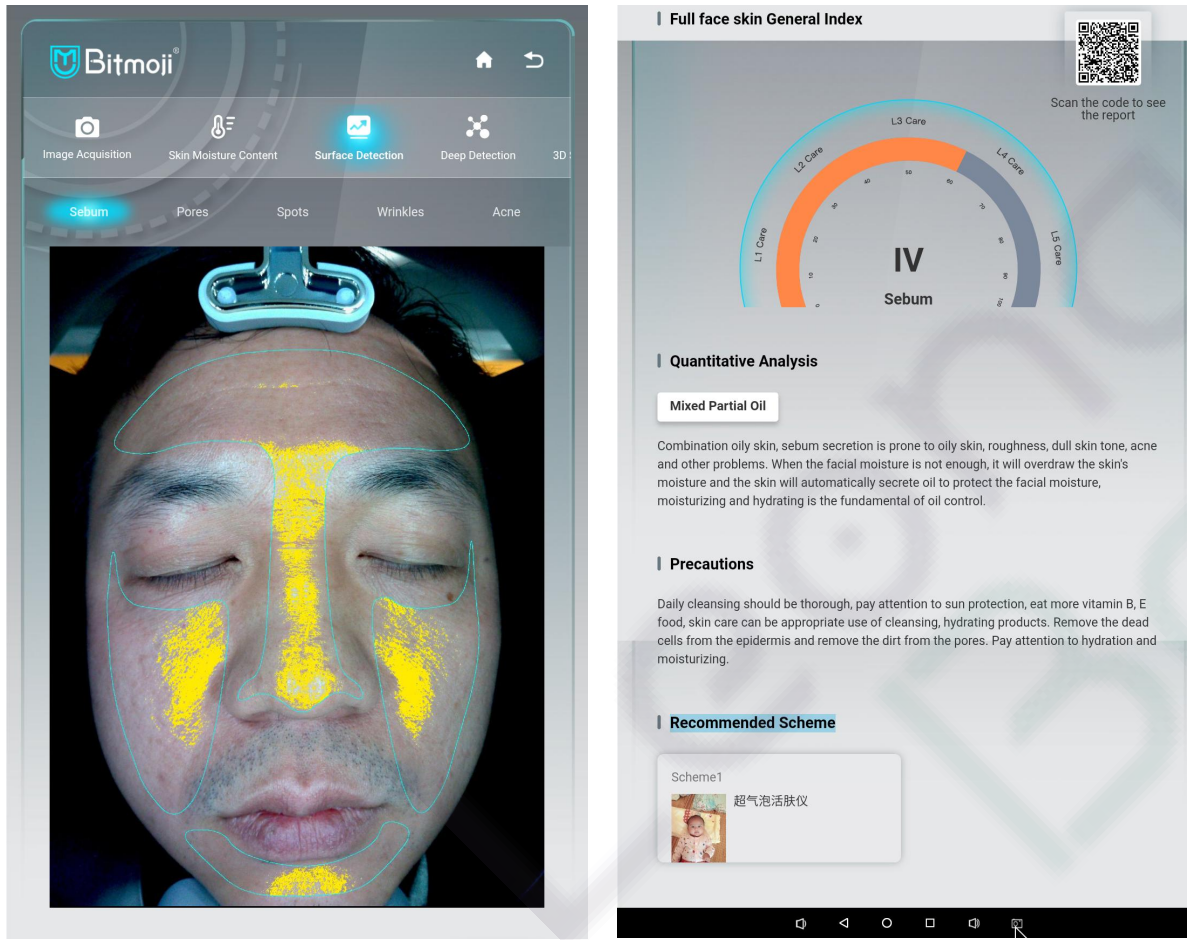
Recommended solution



Recommended solution: According to the test results, the corresponding nursing solution is recommended. Both the precautions and the recommended solution can be uploaded and matched by the merchant in the background management according to their actual needs.



Superficial Sebum Test Image



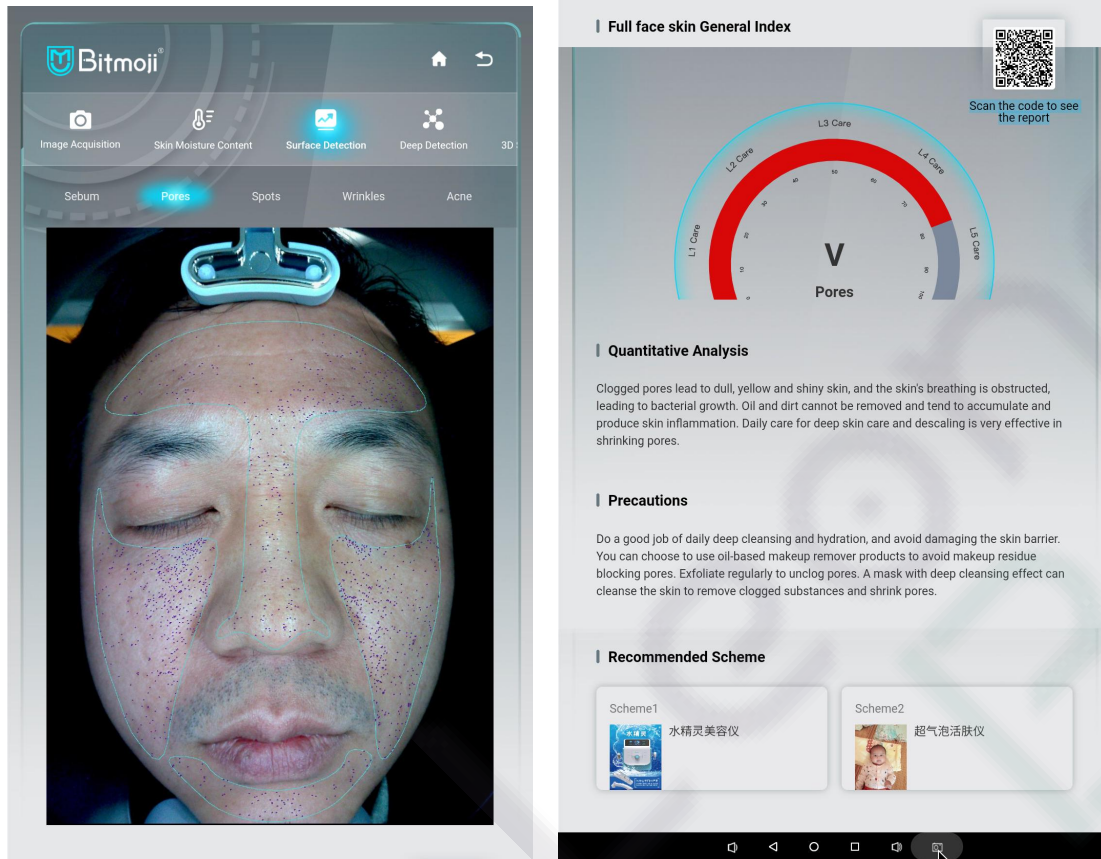
Test basis: The distribution of free lipids on the skin surface is clearly observed by sunlight mode.

Look at the picture: The part marked with yellow indicates more oil secretion, and the more yellow icons, the more oil secretion.

Level: The picture shows orange, which indicates Level 3 care and the oil secretion is moderate.



Superficial Pore Test Image



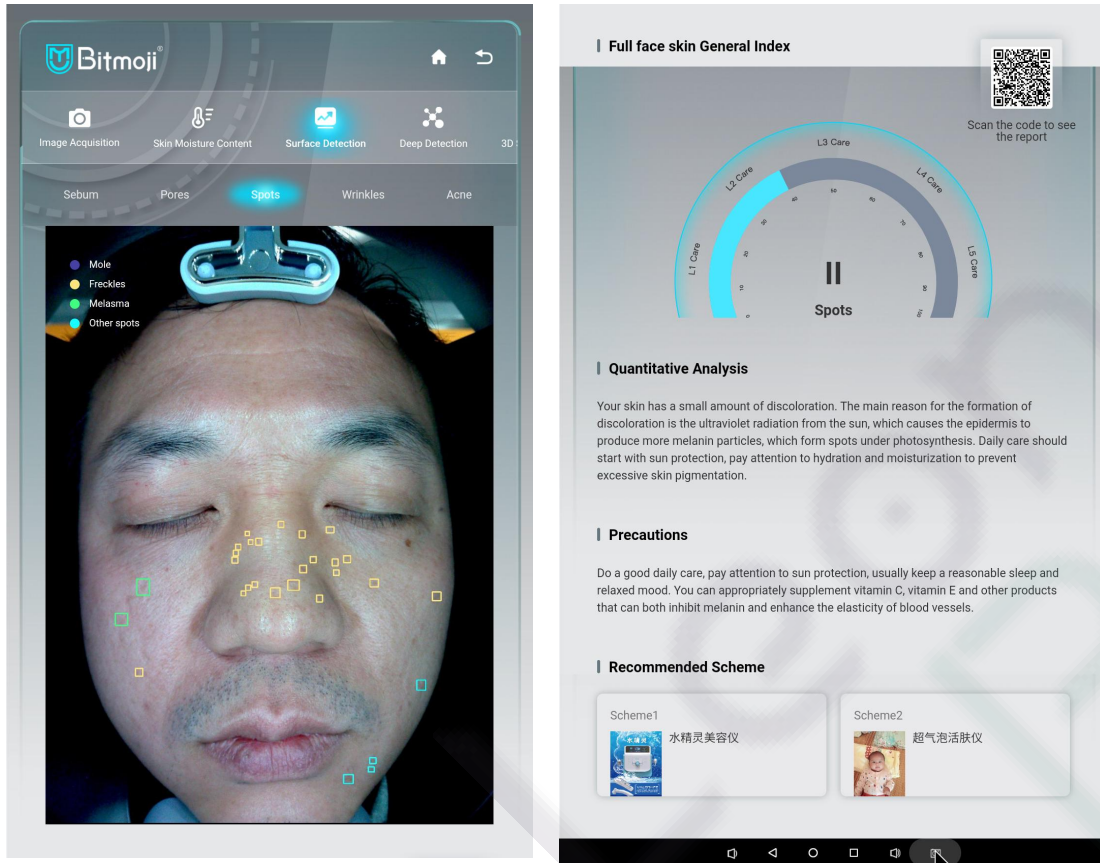
Test basis: The refracted light on the skin surface is filtered using polarized light technology, the distribution of pores on the skin surface and the large pores can be clearly detected.

Look at the picture: The marks of blue short and thin line represent the distribution of large pores.

Grade: The five levels marked in red in the image indicate the severity of the enlarged pores.



Shallow Spot Test Image



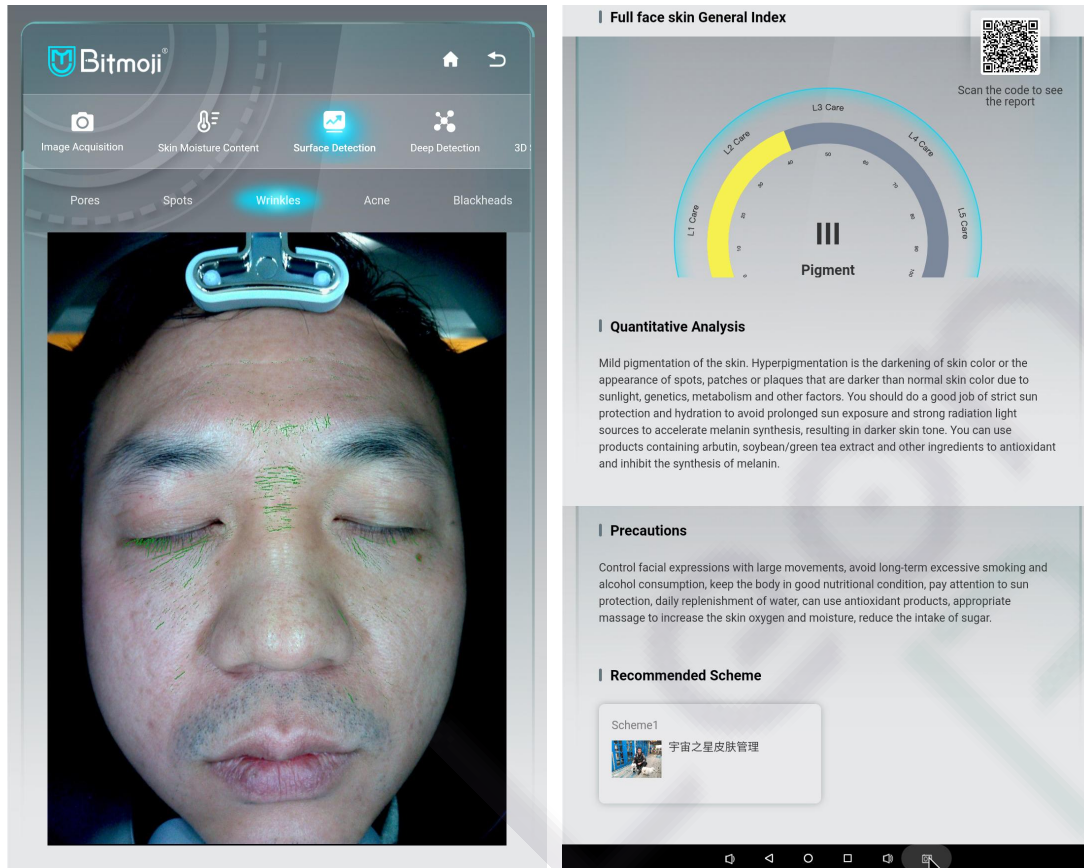
Test basis: Using polarized light technology to filter the refracted light on the skin surface, light brown, yellow-brown, dark brown, light yellow or dark red are visible and represent different skin lesions.

Look at the picture: The explanation icons marked in 4 different colors in the upper left corner (the purple icon represents moles, the yellow icon represents freckles, the green icon represents chloasma, and the blue icon represents other spots); The labels of different colors on the face represent the distribution and quantity of different spot problems. The more labels, the more serious the problem.

Level: The Level 2 in blue in the figure indicates that the spots are mild to moderate.



Superficial Wrinkle Test Image



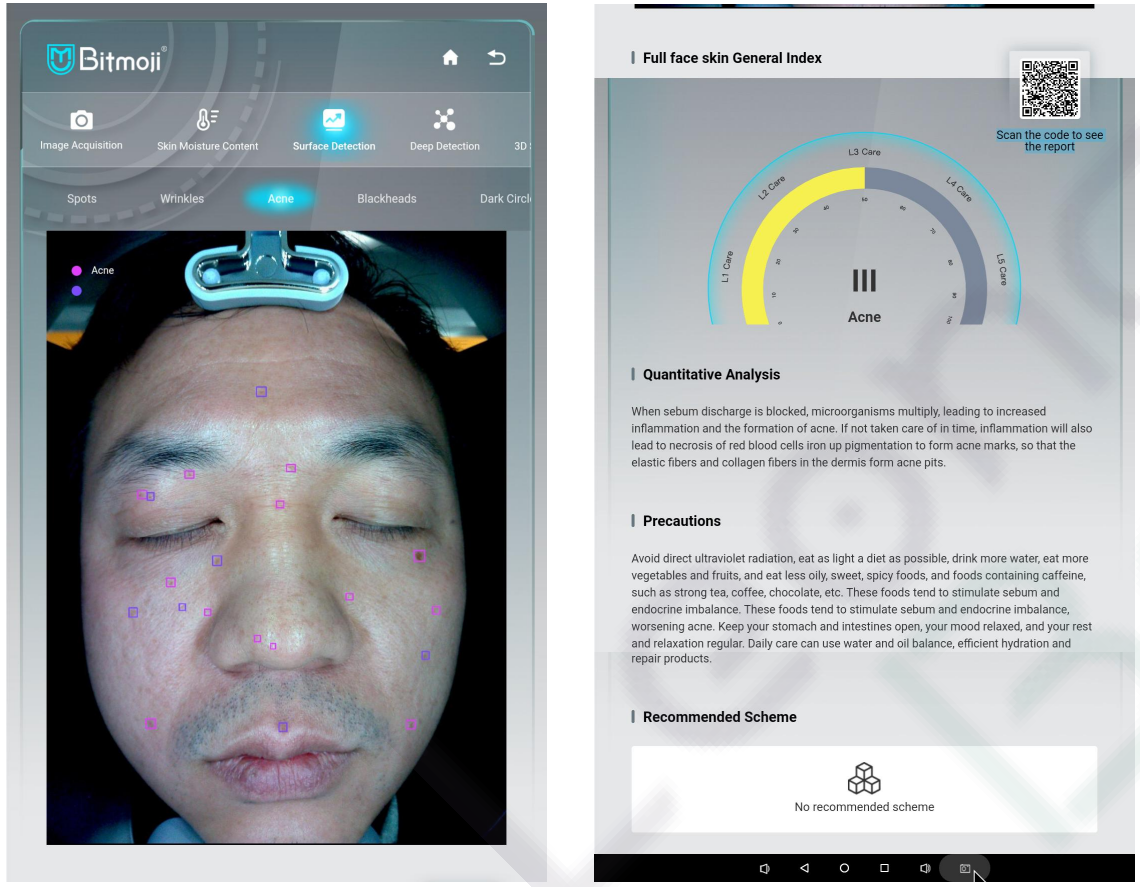
Test basis: In the polarized light mode, the development clarity of the skin surface texture can be improved, the skin smoothness, fine lines and wrinkles can be clearly observed, and corresponding nursing-level analysis, precautions and project product recommendations can be made.

Look at the picture: The icon of green short thin line in the picture indicates that there are dry lines and fine lines or the loss of collagen in this part.

Level: The Level 3 in yellow in the picture indicates the problem of fine lines and dry lines is mild to moderate.



Superficial Acne Test Image



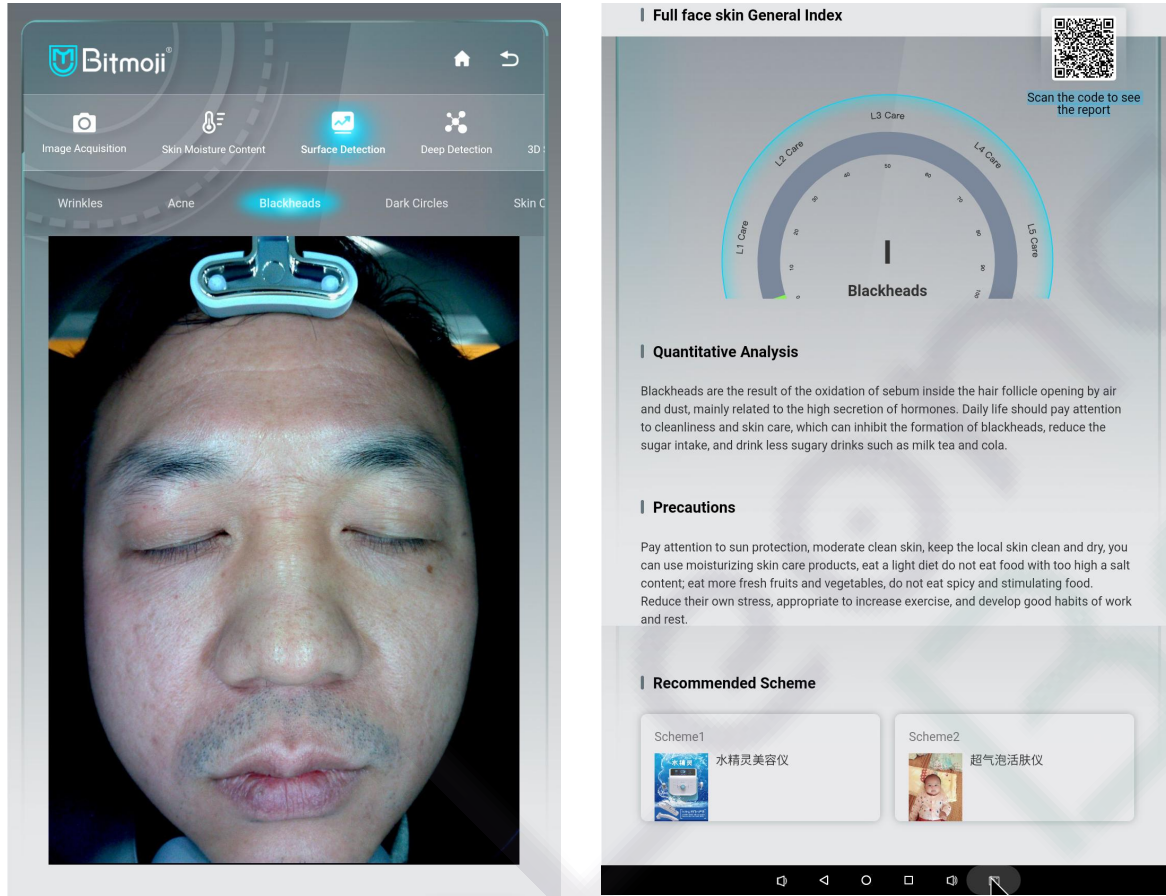
Test basis: In polarized light mode, the distribution of acne under the skin's surface are visible.

Look at the picture: The green short thin line in the picture indicates that there are dry lines and fine lines or the loss of collagen in this part.

Level: The Level 3 in yellow in the picture means the problem of fine lines and dry lines is mild to moderate.



Superficial Blackhead Test Image



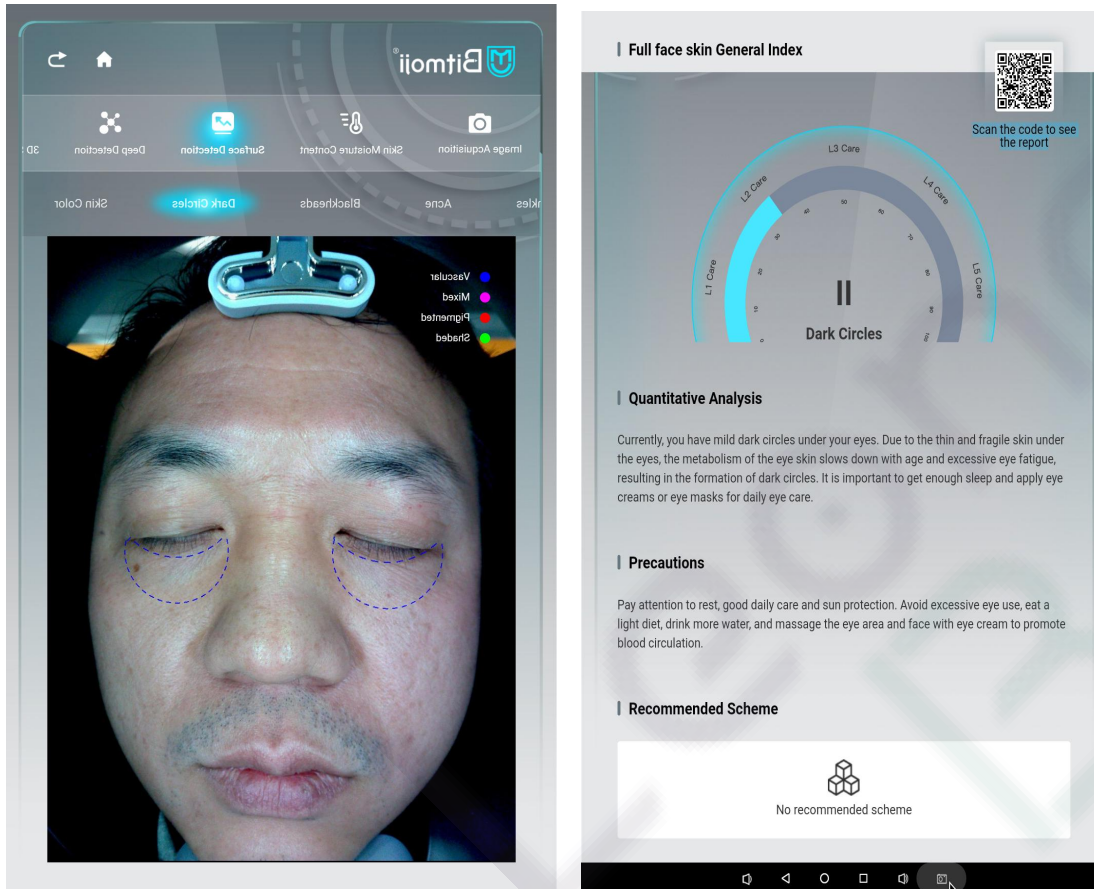
Test basis: In polarized light mode, the number and distribution of blackheads under the skin's surface can be clearly viewed.

Look at the picture: The green short thin line in the picture indicates that there are dry lines and fine lines or the loss of collagen in this part.

Level: The green mark in the inner circle in the picture indicates that the blackhead problem is mild.



Superficial Dark Circle Test Image



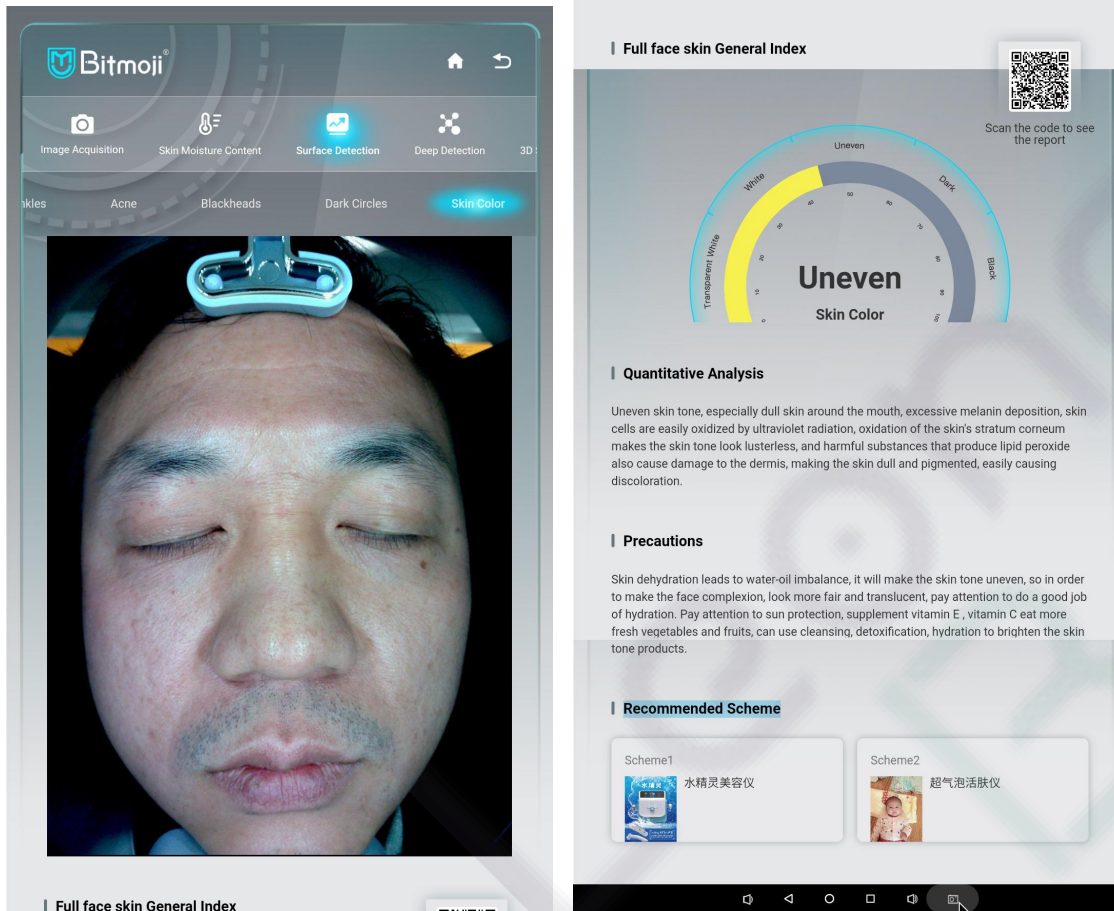
Test basis: In the polarized light mode, the distribution and thickness of blood vessels and skin color under the skin surface can be clearly viewed as a dialectic for dark circles.

Look at the picture: The marked part of the eye crescent line shape in the picture represents the dark circle part, and the more serious the pigmentation in this part, the more serious the dark circle.

Level: The Level 2 in blue in the circle in the picture indicates that the blackhead problem is mild to moderate



Superficial Skin Tone Test Image



Test basis: The image of skin tone in sunlight mode can be used for comparative analysis of skin images in other modes.

Look at the picture: To clearly observe skin color problems on the image, such as pigmentation and acne marks. More pigmentation means more uneven skin tone.

Level: The Level 3 in yellow in the circle in the figure represents uneven skin tone.

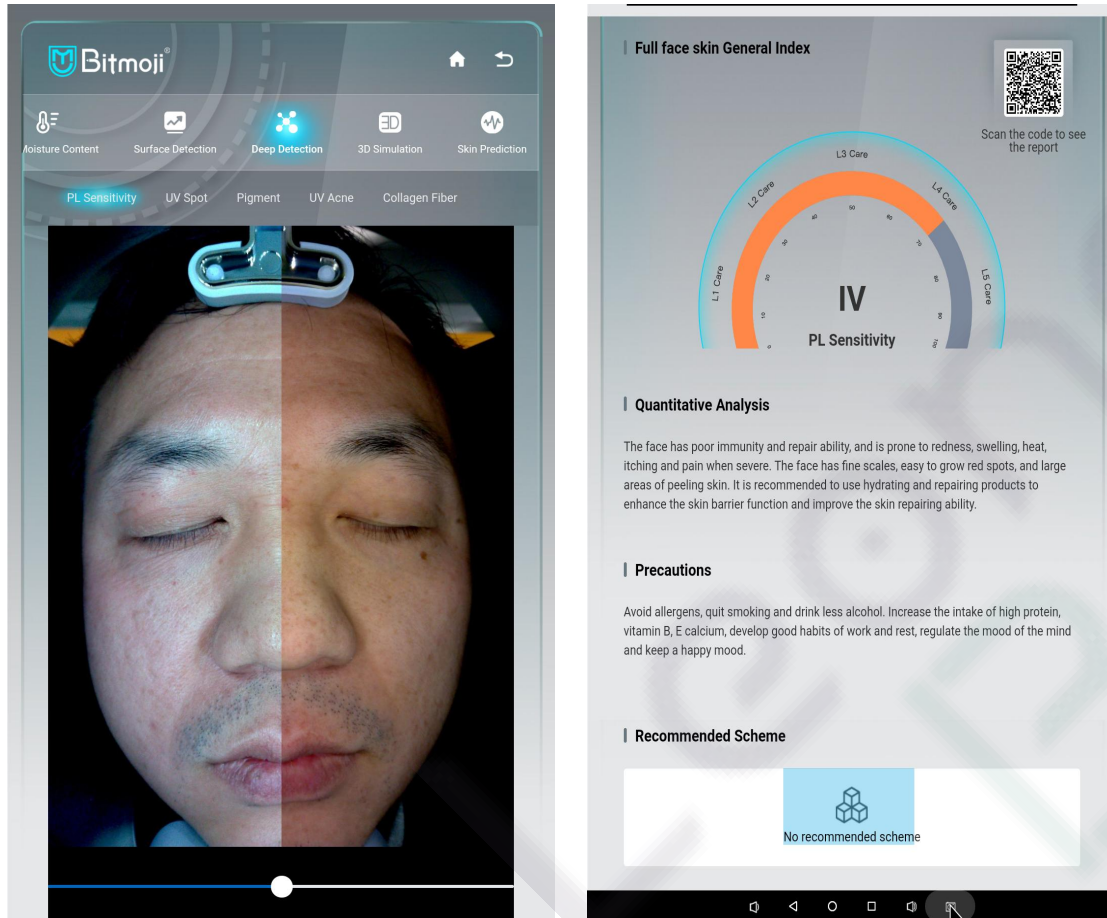


Deep test interface

Click the icon of deep test at the top of the interface, and the test image analysis of 5 superficial dimensions (they are PL sensitivity, UV spots, UV acne, and collagen fibers, respectively), the corresponding quantitative analysis, precautions and recommended solutions will appear.



Deep Skin Sensitivity Test Image



Test definition: The polarized light mode allows you to clearly examine the distribution of blood vessel pigments under the skin surface.

It is convenient and accurate to determine the sensitive state of the skin.

Look at the picture: Observe the picture if there is red blood distribution and the keratin is too weak, which means that the skin is more sensitive. If there are red acnes, it may be that the skin is in an allergic period. May cause the skin to be allergic.

Level: The Level 4 in orange in the circle in the picture indicates that the skin is severely sensitive.



Deep UV Spot Test Image



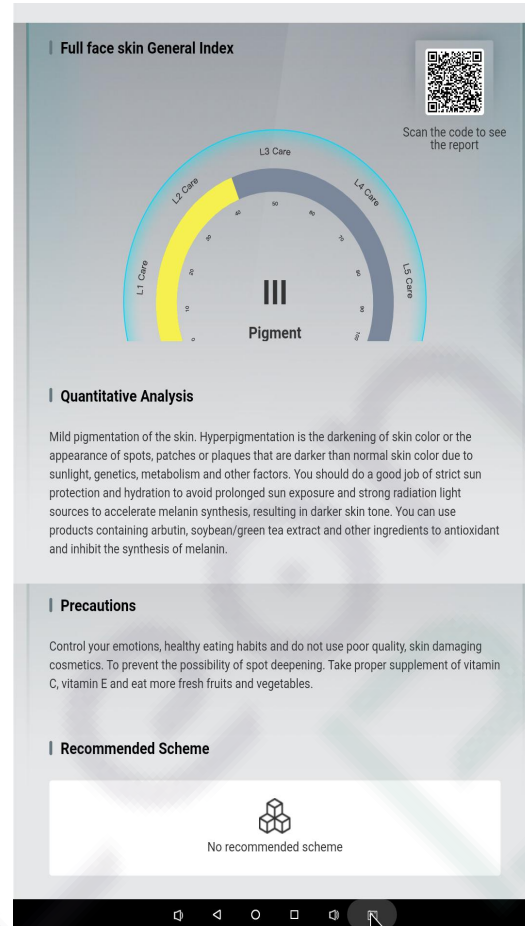
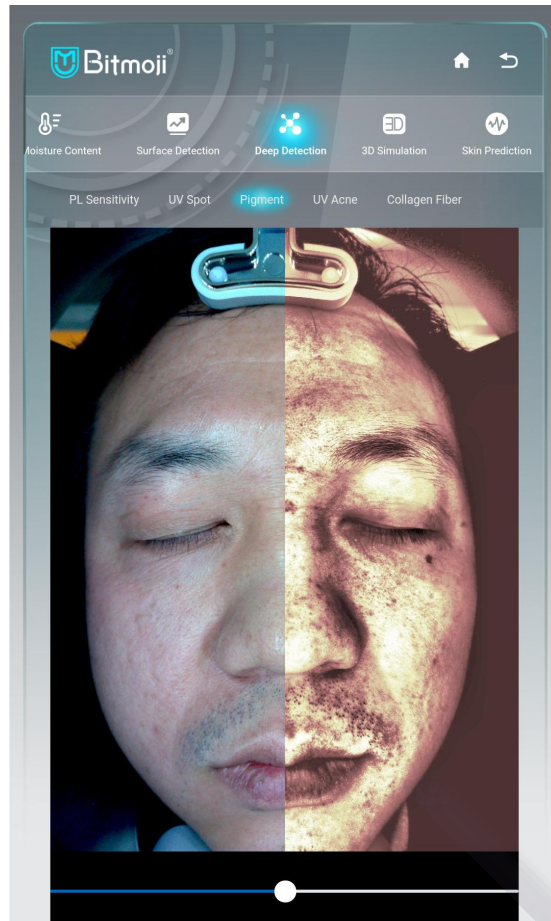
Test basis: It mainly analyze the location, area, shape and size and clinical severity of facial purpura, showing that the skin is damaged by ultraviolet rays in sunlight, resulting in the accumulation of melanin in the deeper layer of the skin. The icon can be pushed to judge the distribution of the shades of pigments, which can be used as the basis for judgment of pigmentation care and treatment.

Look at the picture: Observe the places where black or brown is more concentrated on the picture. If the gathering area is large, it means that the area of pigmentation spots on the face is large. If the color is darker, it means that the pigment accumulation is thicker.

Level: The Level 3 marked in yellow circle in the picture indicates that the skin pigmentation problem is moderat



Deep Pigment Test Image



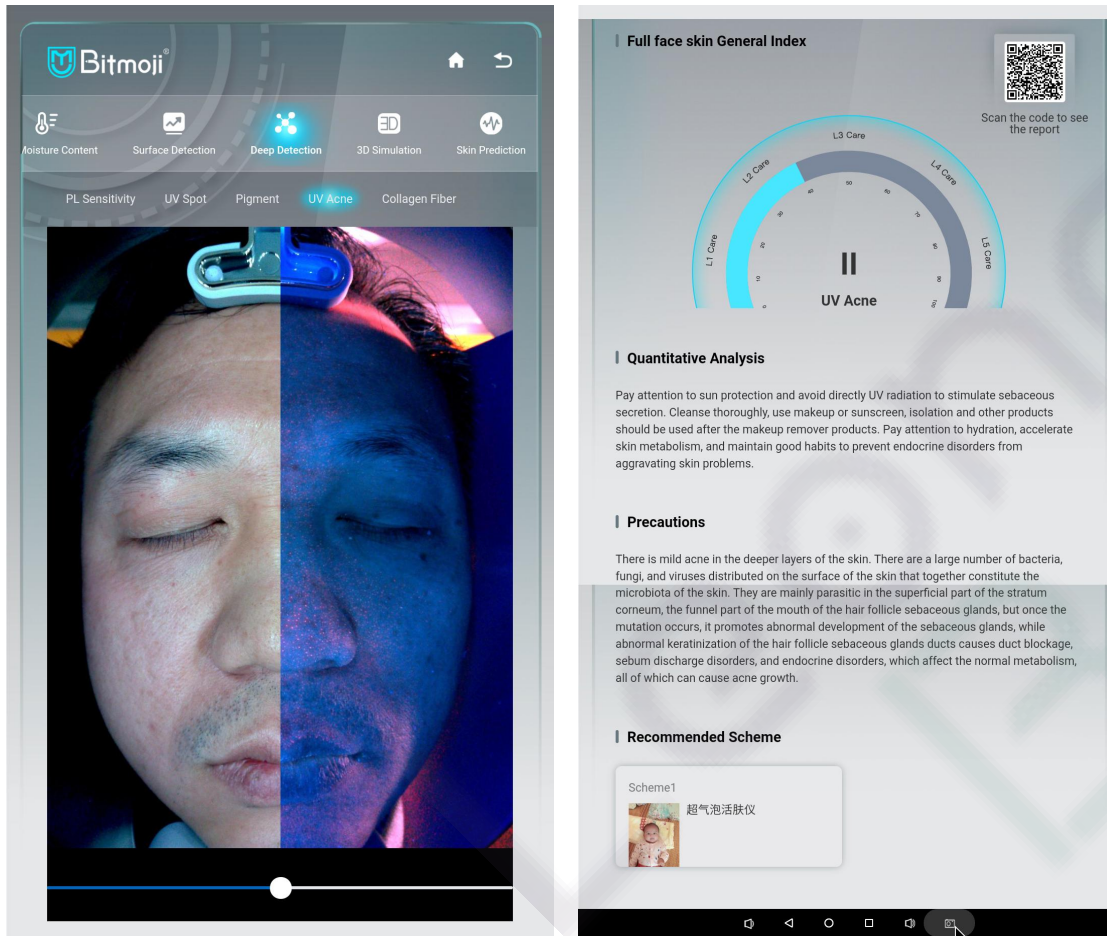
Test basis: The brown light mode mainly detects melanin, brownish black, and color spots with high pigment density, such as chloasma, freckles, freckles, etc.

Look at the picture: Observe the density and thickness of the brown-black pigmentation spots in the brown image area of the picture, and compare the pigmentation with the surface pigment by dragging the icon left and right to observe whether the pigmentation is in the deep layer or the surface layer of the skin. And the existence of moles should be excluded as the factor contributed to the change in image numerical contrast. It can be compared before and after the pigmentation treatment.

Level: The Level 3 marked in yellow circle in the picture indicates that the skin pigmentation problem is moderate.



Deep-layer Skin Acne UV Test Image



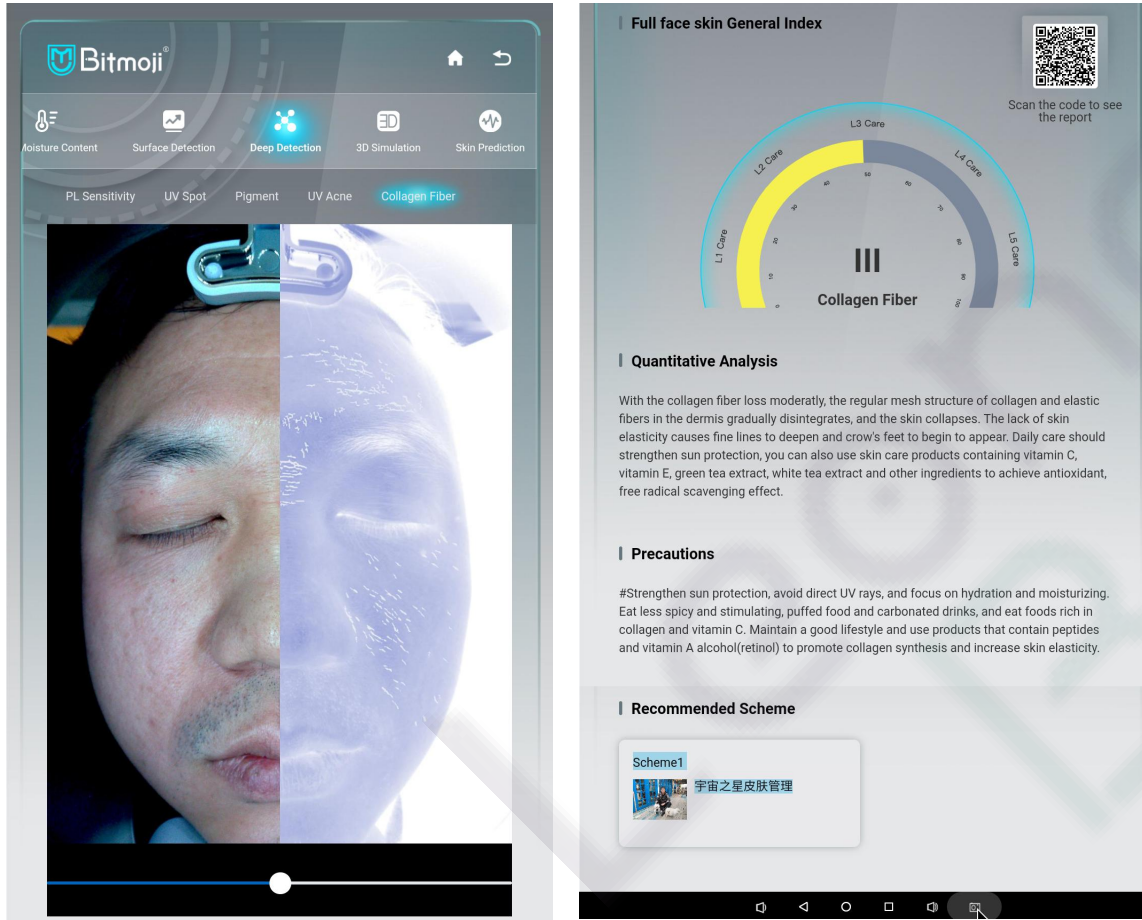
Test basis: The normal flora of facial skin absorbs ultraviolet light and generates fluorescence, eg, brick-red Propionibacterium acnes. Observe the content of skin flora, which can be used as the basis for the nursing judgment of acne and pimples.

Look at the picture: Observe the distribution of the brick red silver light on the picture. The more the distribution, the more the content of P. acnes in the skin, and the higher the incidence of acne.

Level: The Level 2 marked in blue circle in the figure indicates that the skin pigmentation problem is mild to moderate.



Deep-layer Skin Collagen Loss Test Image



Test basis: Judging the loss of collagen in the forehead of the skin and the flatness and elasticity of the skin through the fluorescence effect of collagen and elastic fibers, which can be used for the dialectical and prediction of skin anti-aging care. Dragging the icon left and right can visually compare the problems of the surface and deep layer of the skin.

Look at the picture: Observe that the distribution of intermittent fluorescence is denser, which means that there is a lot of collagen loss, and the nasolabial folds are marked.

It is because the nasolabial folds are the evolution of dynamic problems, or the sagging of skin gravity and skeletal muscle causes are not included in the collagen loss part.

Level: The Level 3 marked in yellow circle indicates that the problem of skin collagen loss is moderate.

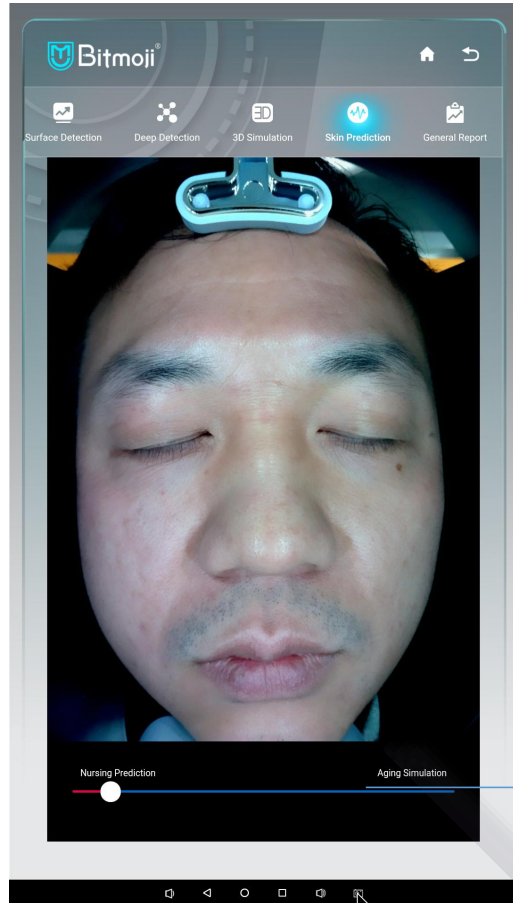


3D simulation

Click or select a problem skin area in the picture, you can view it in 3D stereoscopic state, and the skin texture is clearly visible.



Skin Aging Prediction



Test: Visual demonstration of images to predict the aging or beautification state of the skin after 5 to 10 years.

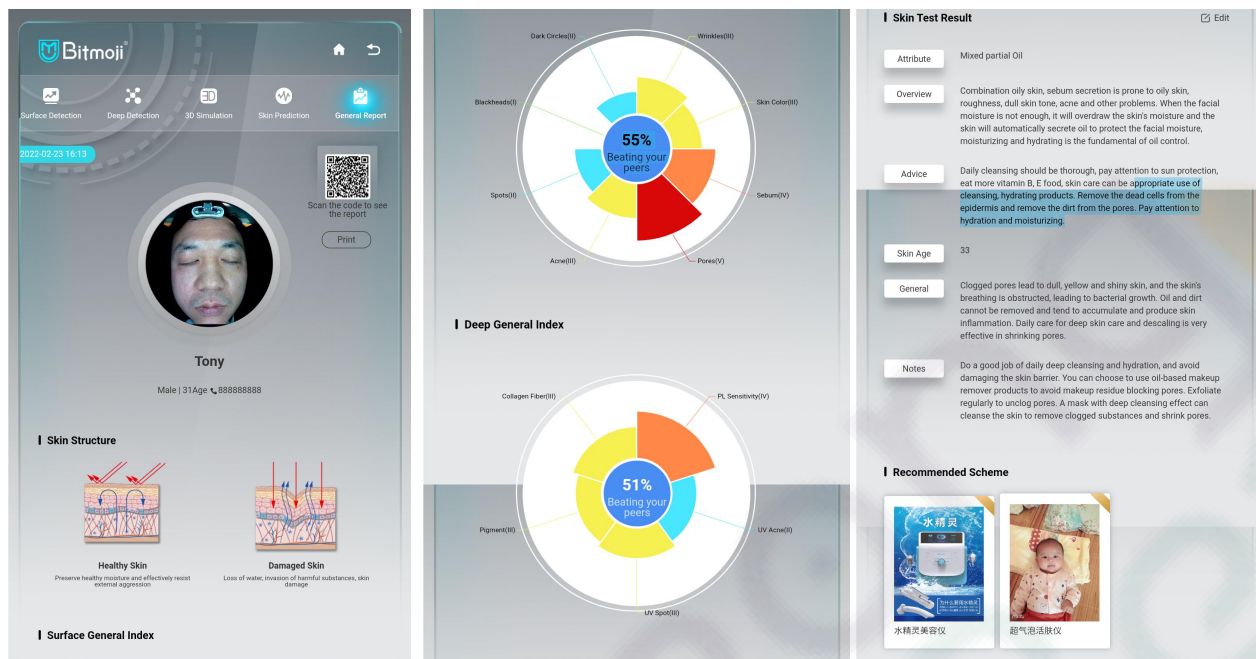
Operation: You can drag the image left and right. Dragging from left to right of the image demonstrates the states from youth to aging.

Look at the picture: You can make a crisis judgment by dragging the skin aging image to the right through the picture icon. If you don't take care of your skin properly, it will turn into an aging look.

You can move the image left and right. Moving from left to right of the image demonstrates the states from young and aging.



Comprehensive Report



Interesting calculation of facial features ratio:

As a part of interacting with customers, it is interesting to praise the advantages of customers' facial features.

Analysis and summary of superficial and deep-layer

skin: According to the severity indicated by the icon, the priority item for the specific needs of the customer is selected, and the corresponding business items of the store can also be explained in detail.

Skin attributes: According to the comprehensive test data, judge and analyze whether the skin belongs to normal, dry, oily, mixed or sensitive skin.

Skin overview: Analysis and explanation of skin type to make judgments

Skin age prediction: Judging the skin age of the customer through the comparison of big data

Comprehensive overview: Conduct the comprehensive analysis of all test data and propose nursing program recommendations.

Scan the QR code to get the report:

Customers can scan the QR code above to get the test report. Print report: Paper reports can be printed through the link management of the back-end in the store.



4

back-stage management



English ▾

Management Center

 Please enter your mobile phone number

 Please enter a password

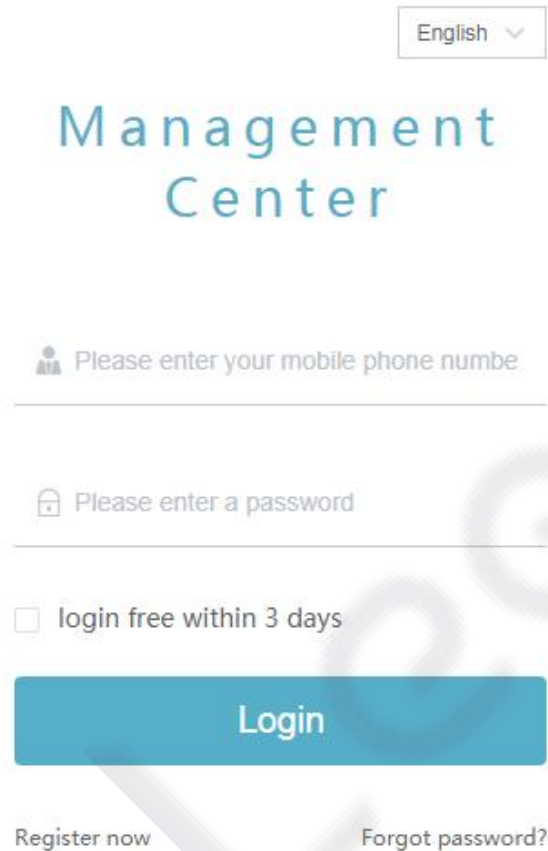
login free within 3 days

Login

[Register now](#)


[Forgot password?](#)


Login Interface of Independent Background Management



English

Management Center

 Please enter your mobile phone numbe

 Please enter a password

login free within 3 days

Login

[Register now](#) [Forgot password?](#)

Login: Input the URL (zm.yimei, ai) to enter the login interface. Input the user name and password in turn, and click the login icon to log in.

Note: For convenience, you can click the icon in front of the words "3-day free login each time you log in to confirm.

Management: The setting management in the back-end can be under the management of the instrument holder or the distribution manager, which can not be changed at will.



Background Management Settings - Overview

Overview 深圳致美力禾实业发展有限公司 English

skin measurement today
3
skin test yesterday2

started the device today
1

Shopping Guide
0

Number of Goods
4

Things TO DO

No data

Shopping Guide

Name	Mobile	Yesterday	Today	store	device
深圳致美力禾实业发展有限公司	18933539668	2	3		S11078FC



Background Management Settings - Overview



Set up categories: After logging in, the leftmost part of the interface will display six sections such as Overview, Products, Skin Testing, Configuration, Marketing, and Members.

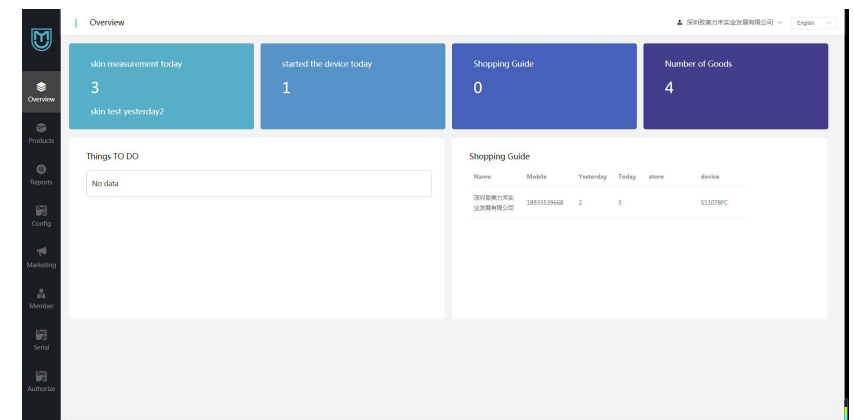
Overview: This column is the shortcut displaying five sections such as product, skin test, configuration, marketing, and members.

Column 1: Including today's total numbers of skin tests, turned on devices, online shopping guides, and entered products.

Column 2: Including the big turntable for marketing activity settings, questionnaire interaction, and creating sub-accounts (one device can create multiple sub-accounts, which are managed and updated by the main back-end master account)

Column 3: Including the matters to be done and the shopping guide

On the right side: The binding of the official account and the novice user guide. If you do not understand the operation of the instrument, you can click the User Guide for Novice to learn.



Back-end Management Settings - Product Settings



Products

深圳致美力实业发展有限公司 English

Add Goods Batch Delete

product keywords Search

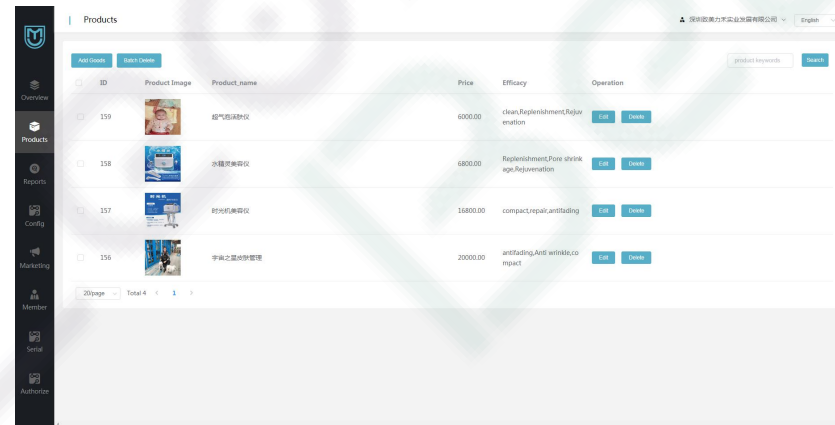
ID	Product Image	Product_name	Price	Efficacy	Operation
<input type="checkbox"/> 159		超气泡活肤仪	6000.00	clean,Replenishment,Rejuvenation	Edit Delete
<input type="checkbox"/> 158		水精灵美容仪	6800.00	Replenishment,Pore shrinkage,Rejuvenation	Edit Delete
<input type="checkbox"/> 157		时光机美容仪	16800.00	compact,repair,antifading	Edit Delete
<input type="checkbox"/> 156		宇宙之星皮肤管理	20000.00	antifading,Anti wrinkle,compact	Edit Delete





20/page Total 4 < 1 >

Back-end Management Settings - Product Settings

Description of product interface: It is applied to the addition and deletion of products, including product photos, product names, prices, and effects; Click the edit key to enter the editing, and click the delete button to delete it. You can also choose to upload and delete in bulk.

Description of application function: The entry of products is for the purpose of automatically generating product and item recommendations during skin detection, which is convenient for beauticians to correctly and quickly select items and promote sales.



ID	Product Image	Product Name	Price	Efficacy	Operation
119		舒气洁面乳	6000.00	clean,Replenishment,Rejuvenation	Edit Delete
118		水露爽肤水	6800.00	Replenishment,Pore shrink age,Rejuvenation	Edit Delete
117		精华肌露	14800.00	compact,repair,antifading	Edit Delete
116		护肤之皇修护霜	20000.00	antifading,Anti wrinkle,compact	Edit Delete



Back-end Management - Configuration Settings



Products 深圳致美力禾实业发展有限公司 English

*Product_name

Product_price

*Product Image

*Suitable for people Male Female All

*effects clean Oil control Pore shrinkage Replenishment Moisture Lock water skin whitening Light spot Sunscreen Rejuvenation Oxygen injection compact Anti wrinkle antifading Repair Soothe acne treatment Detoxification Eye care repair antioxidant anti free radical collagen water oil balance brighten skin color fade acne print pouch eye lines dark circles lymphatic detoxification

Product Details Normal x₂ x² **B** *I* ” ☰ ☷ 🔗 🖼

hello world

OK

Backg-end Management - Configuration Settings



Description of configuration interface: It is divided into basic configuration, copy configuration, and other configurations.

Copywriting configuration: It is divided into text introductions of skin surface and deep layer, overview and suggestion of results. All options can be edited by clicking the Edit button, and then saved by clicking the Confirm button.

Description of application function: The detailed entry of this section is convenient for users to enter the analysis quickly and accurately for the analysis of customer test results, which increases customer confidence and reduces professional requirements for beauticians.

The screenshot shows a web-based configuration interface for products. It includes the following elements:

- Product Information:** Fields for *Product_name, Product_price, and *Product Image (with a plus icon for adding an image).
- *Suitable for people:** Radio buttons for Male, Female, and All (All is selected).
- *effects:** A grid of checkboxes for various skin benefits, including clean, Oil control, Pore shrinkage, Replenishment, Moisture, Lock water, skin whitening, Light spot, Sunscreen, Rejuvenation, Oxygen Injection, compact, Anti wrinkle, antifading, Repair, Soothe, acne treatment, Detoxification, Eye care, repair, antioxidant, anti free radical, collagen, water oil balance, brighten skin color, fade acne print, pouch, eye lines, dark circles, and lymphatic detoxification.
- Product Details:** A rich text editor with a toolbar (Normal, bold, italic, link, etc.) and the text "hello world".
- OK Button:** A blue button at the bottom right to confirm the configuration.

Back-end Management - Configuration Settings

Basic

- QR code config
- global numerical

Text

- surface detection
- deep detection

Other

- product efficacy
- content settings

QR code config

QR code configuration:

Basic

- QR code config
- global numerical

Text

- surface detection
- deep detection

Other

- product efficacy
- content settings

content settings

chart display type: column chart Rose chart

skin color display: 5-level skin color classification unevenness classification

skin age: AI prediction algorithm skin evaluation algorithm

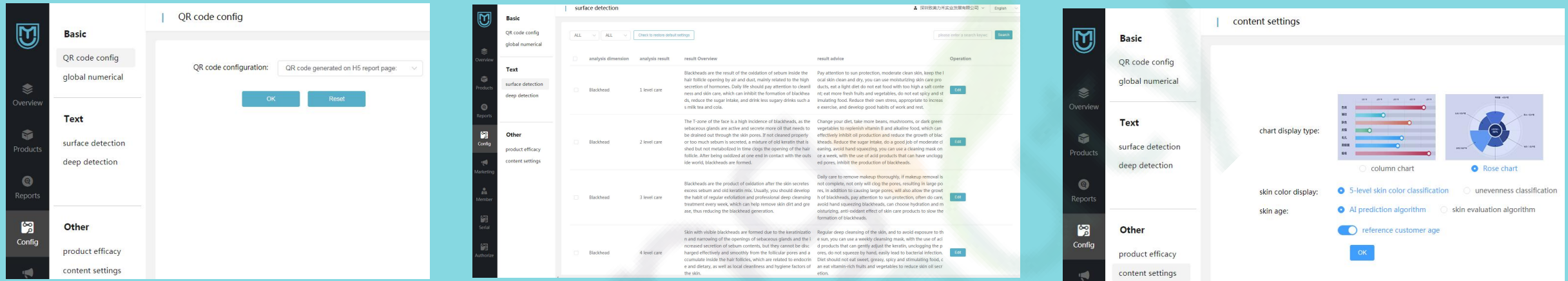
reference customer age

surface detection

analysis dimension	analysis result	result Overview	result advice	Operation
<input type="checkbox"/> surface detection	deep detection			
<input type="checkbox"/> Blackhead	1 level care	Blackheads are the result of the oxidation of sebum inside the hair follicle opening by air and dust, mainly related to the high secretion of hormones. Daily life should pay attention to cleanliness and skin care, which can inhibit the formation of blackheads, reduce the sugar intake, and drink less sugary drinks such as milk tea and cola.	Pay attention to sun protection, moderate clean skin, keep the local skin clean and dry, you can use moisturizing skin care products, eat a light diet do not eat food with too high a salt content, eat more fresh fruits and vegetables, do not eat spicy and stimulating food. Reduce their own stress, appropriate to increase exercise, and develop good habits of work and rest.	<input type="button" value="Edit"/>
<input type="checkbox"/> Blackhead	2 level care	The T-zone of the face is a high incidence of blackheads, as the sebaceous glands are active and secrete more oil that needs to be drained out through the skin pores. If not cleaned properly or too much sebum is secreted, a mixture of old keratin that is shed but not metabolized in time clogs the opening of the hair follicle. After being oxidized at one end in contact with the outside world, blackheads are formed.	Change your diet, take more beans, mushrooms, or dark green vegetables to replenish vitamin B and alkaline food, which can effectively inhibit oil production and reduce the growth of blackheads. Reduce the sugar intake, do a good job of moderate cleaning, avoid hand squeezing, you can use a cleaning mask once a week, with the use of acid products that can have unclogged pores, inhibit the production of blackheads.	<input type="button" value="Edit"/>
<input type="checkbox"/> Blackhead	3 level care	Blackheads are the product of oxidation after the skin secretes excess sebum and old keratin mix. Usually, you should develop the habit of regular exfoliation and professional deep cleansing treatment every week, which can help remove skin dirt and grease, thus reducing the blackhead generation.	Daily care to remove makeup thoroughly, if makeup removal is not complete, not only will clog the pores, resulting in large pores, in addition to causing large pores, will also allow the growth of blackheads, pay attention to sun protection, often do care, avoid hand squeezing blackheads, can choose hydration and moisturizing, anti-oxidant effect of skin care products to slow the formation of blackheads.	<input type="button" value="Edit"/>
<input type="checkbox"/> Blackhead	4 level care	Skin with visible blackheads are formed due to the keratinization and narrowing of the openings of sebaceous glands and the increased secretion of sebum contents, but they cannot be discharged effectively and smoothly from the follicular pores and accumulate inside the hair follicles, which are related to endocrine and dietary, as well as local cleanliness and hygiene factors of the skin.	Regular deep cleansing of the skin, and to avoid exposure to the sun, you can use a weekly cleansing mask, with the use of acid products that can gently adjust the keratin, unclogging the pores, do not squeeze by hand, easily lead to bacterial infection. Diet should not eat sweet, greasy, spicy and stimulating food, eat vitamin-rich fruits and vegetables to reduce skin oil secretion.	<input type="button" value="Edit"/>



Back-end Management - Configuration Settings



Description of configuration interface: It is divided into basic configuration, copy configuration, and other configurations.

Other configurations include: Recommended product efficacy settings, visual configuration settings.

1) Analysis dimension: It refers to the analysis of skin problems (eg, sebum, acne, pigmentation, wrinkles, pores, sensitivity, blackheads, moisture, etc.)

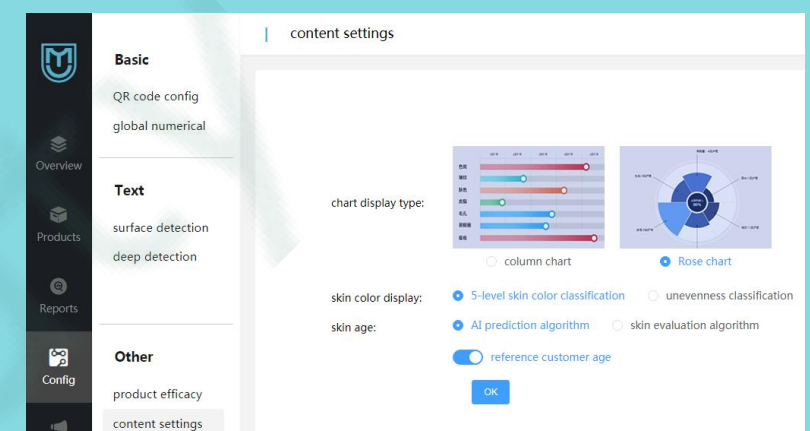
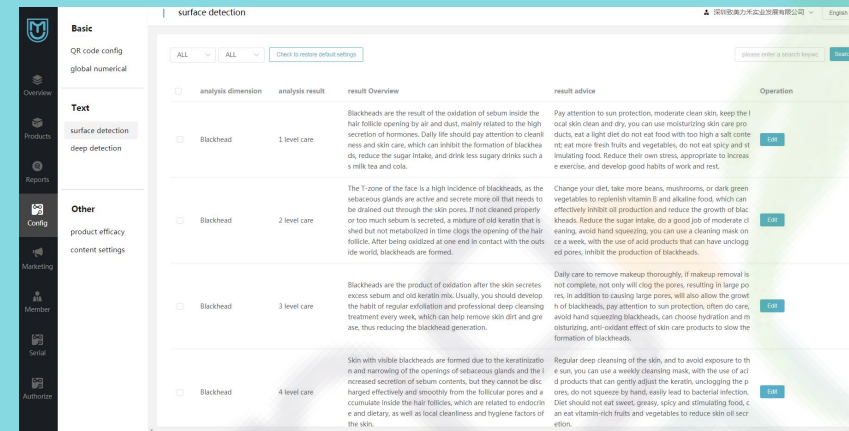
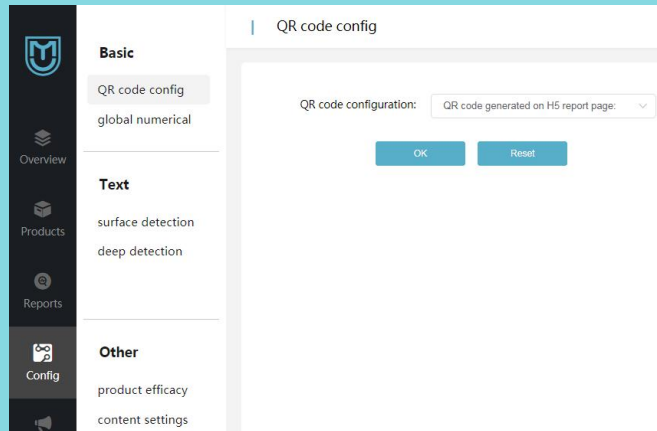
2) Recommended functions and efficacy: Keywords of skin care provided for corresponding skin problems.

3) Status: Keywords of skin care that have been enabled for skin problems.

4) Operation: Restoring the default health has to agree with the keyword options set by the instrument manufacturer. The editing health option refers to, if you think that the recommended nursing keywords are not comprehensive enough, you can click to enter the editing and adding options.

You can add up to three keywords of skin care for each skin problem.

Back-end Management - Configuration Settings



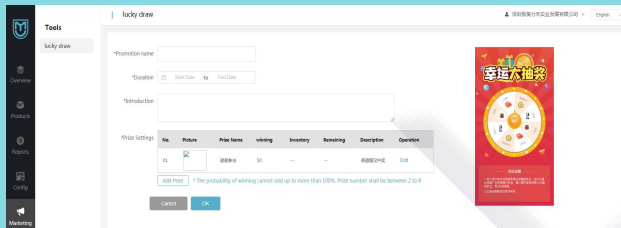
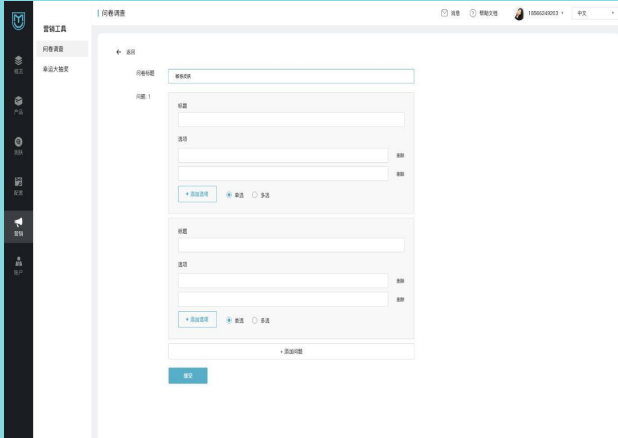
Visual Configuration - Content Settings:

- 1) **Icon prompt type:** There are two options for the shape selection of the icon display: column chart and rose chart.
- 2) **Reference age of customer:** No means hide, Yes means display, and finally click OK.

Description of application function: The selection of the analysis dimension is based on the main business items of the beauty salon. For example: a store that operates acne care can choose to only detect acne, large pores, oil content, violin distribution and skin sensitivity pigments, etc.

The selection of product keywords is convenient for testing, and the correct nursing eye-catching recommendation will pop up quickly after detection.

Back-end Management - Marketing Section Settings



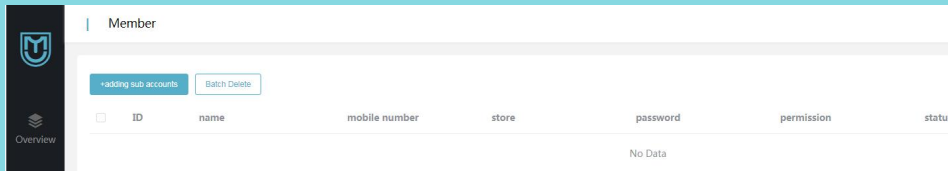
Marketing Tools: It is mainly used to add and delete activities, including questionnaire and lucky draw.

Click the icon of "Add" in the upper right corner, and the Add Details interface will pop up. Fill in the event name, time, profile, and prize settings as required, and finally click OK. Each main account can set the prize pool gifts and percentages in the back-end.

Description of application function: Marketing activities such as questionnaires and lucky draws can increase the interaction with the customers and promote the sales progress of in-store items. Activities can also be customized according to needs.



Background Management Settings - Account Settings



adding sub accounts

account name

mobile number

store

login password

permission

account status enabled disabling

Cancel OK

Account section: It is used for adding sub-accounts (a master account can be added with multiple sub-accounts, and the dynamics of the back-end subaccounts can be seen through each master account and the product plan can be synchronized). Click the icon of Add Subaccount, and fill in the account name, mobile phone number, store, login password, authority, account status on the pop-up subaccount adding page in turn, and finally click OK to confirm the completion.

Description of application function: The addition of sub-accounts and the simultaneous management of the main account facilitate the operation of multiple stores and online management.





THANKS

