



# Multifunction Skin Analysis System

## User Guide

## Attentions

1. Before install software, please install device driver first.
2. If you press the LED switch on the device, LED is not bright, may be the lens of the positive and negative pole installed, please replace the direction to re install.

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## 12. Skin Knowledge

### 1. Lens Introduction

#### 1. 50X lens skin epidermis mode

The Lens towards you, the focus ring **clockwise** rotation does not move, start the skin epidermis mode, the screen image similar below.



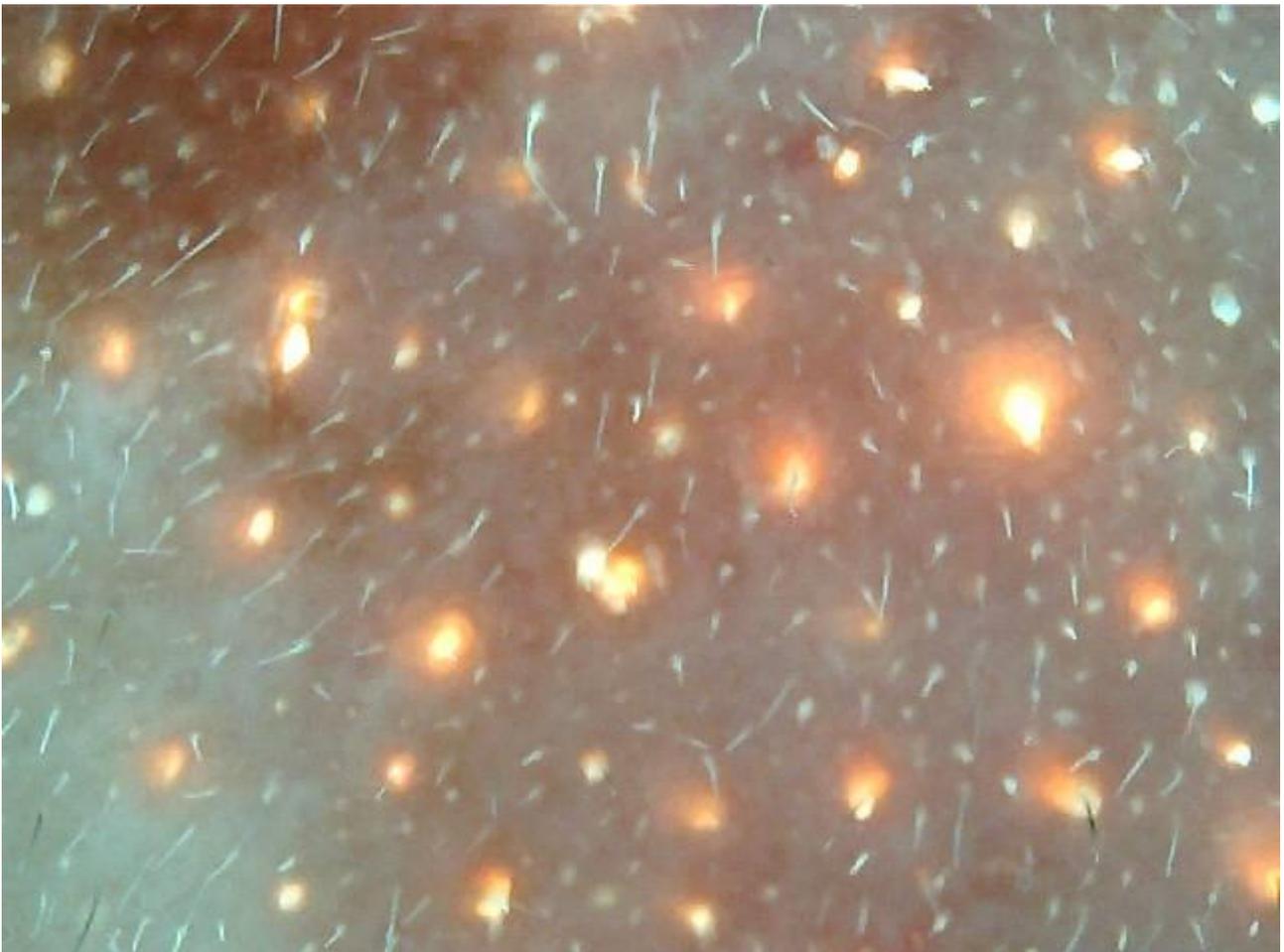
## 2. 50X lens skin dermis mode

The Lens towards you, the focus ring **counterclockwise** rotation does not move, start the skin dermis mode, the screen image similar below.

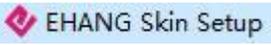


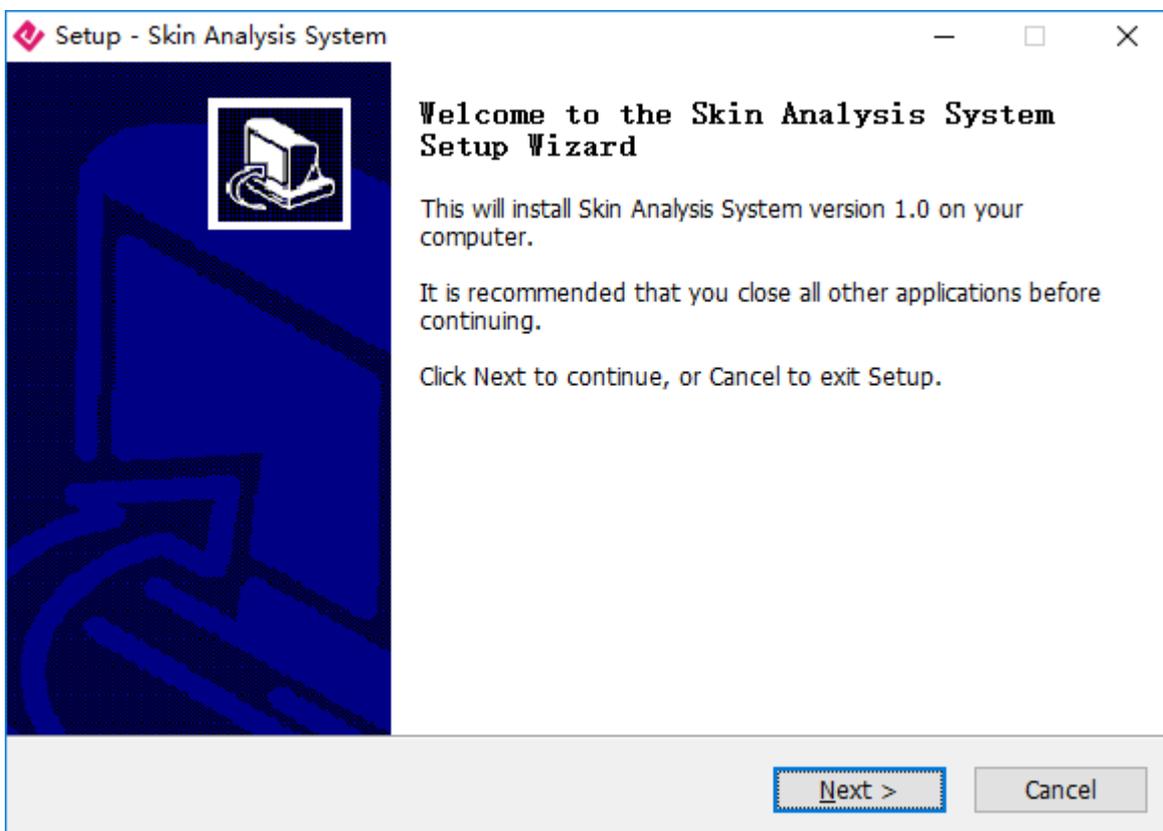
### 3. 50X UV lens

When the detection of blocked pores, please remove the 50X lens, mounted on the UV lens, the screen image similar below.

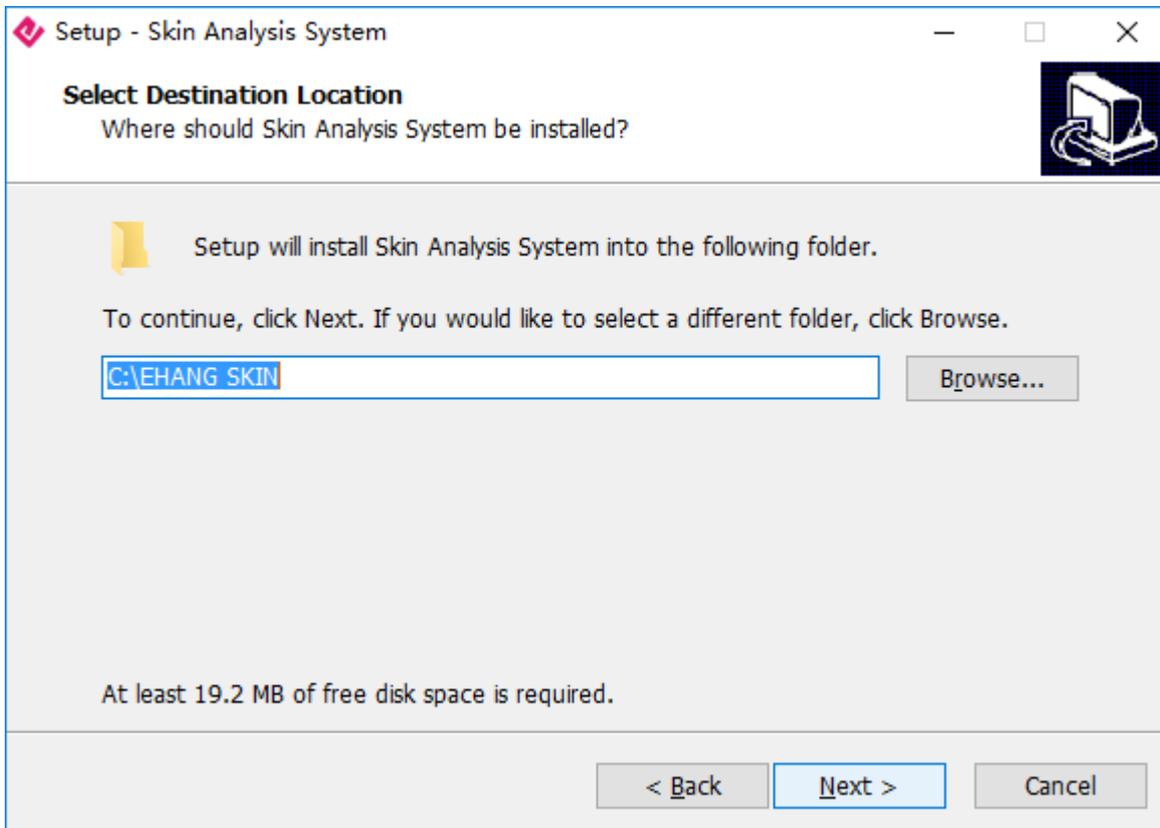


## 2. Software Installation

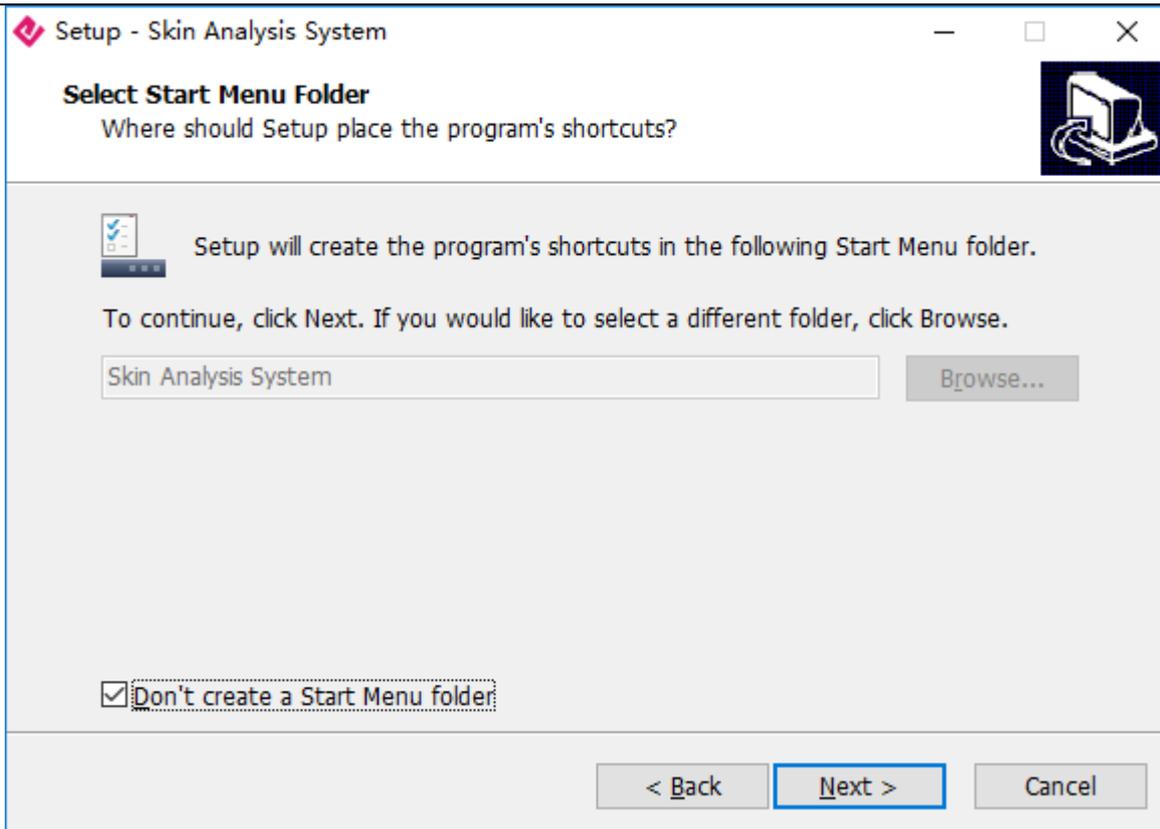
1. Double-click the installation file , the screen is as below.



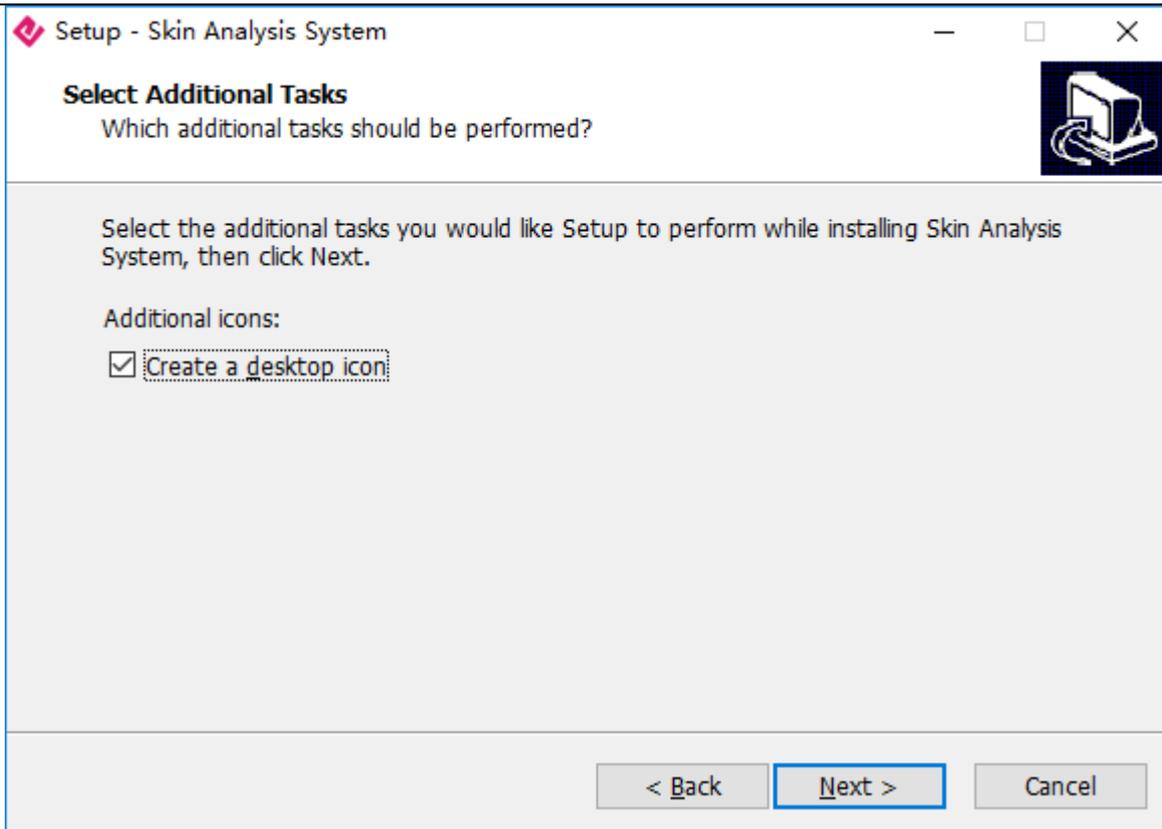
## 2. Click Next, then Select Destination Location.



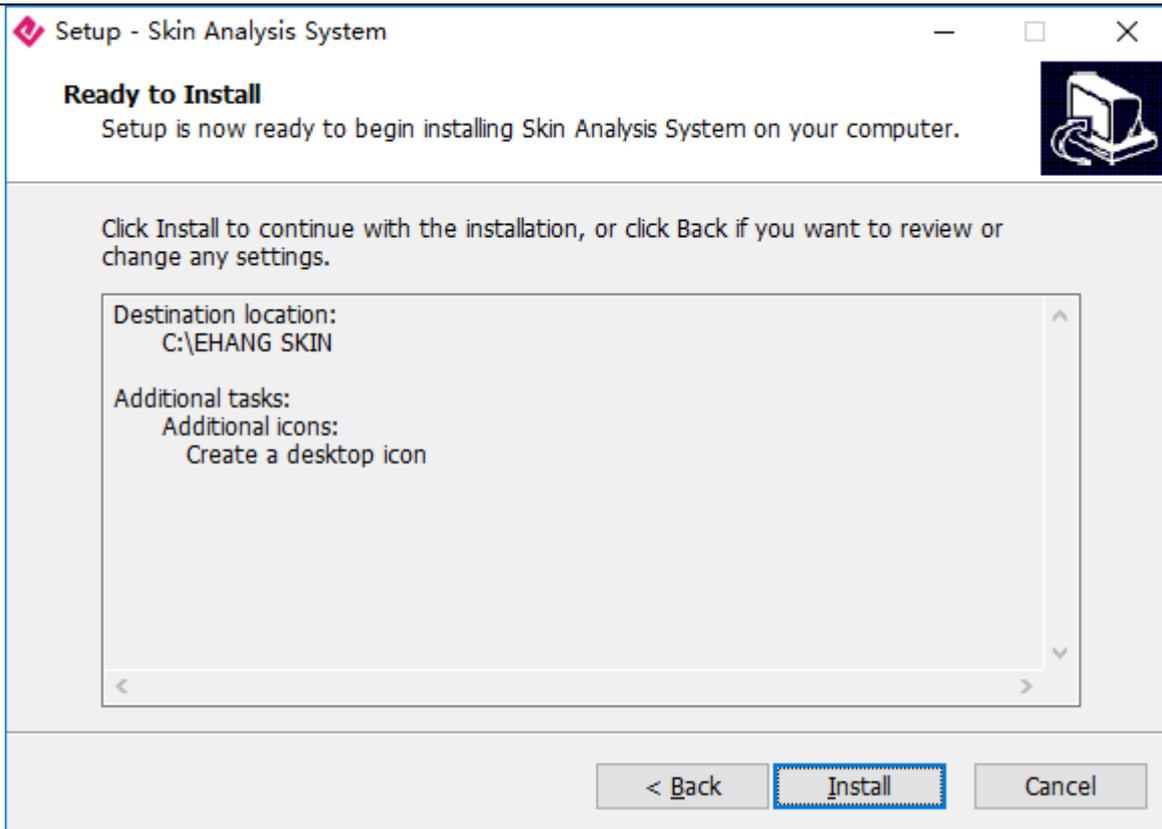
## 3. Click Next, then Select Start Menu Folder.



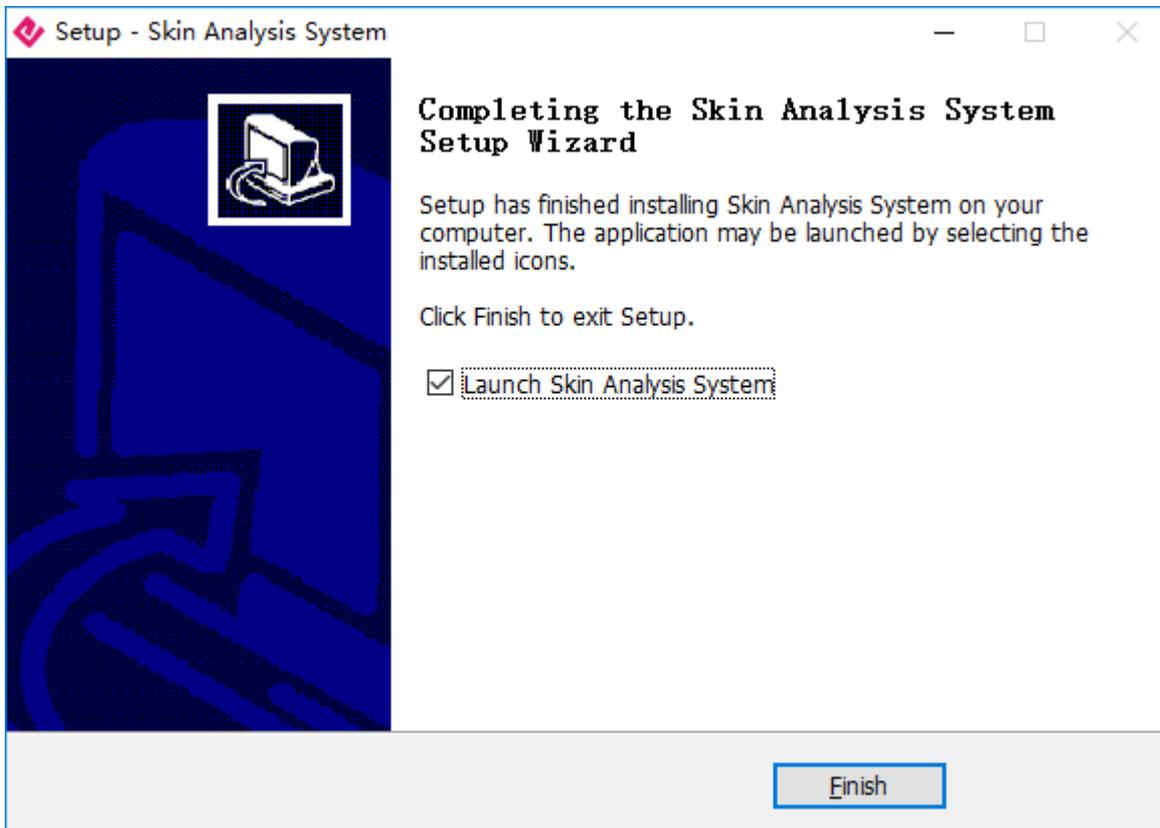
4. Click Next, then Select Create a desktop icon.



5. Click Next, confirm Installation options.



6. Click Install, start the installation until complete.



7. Click Finish, Installation complete.

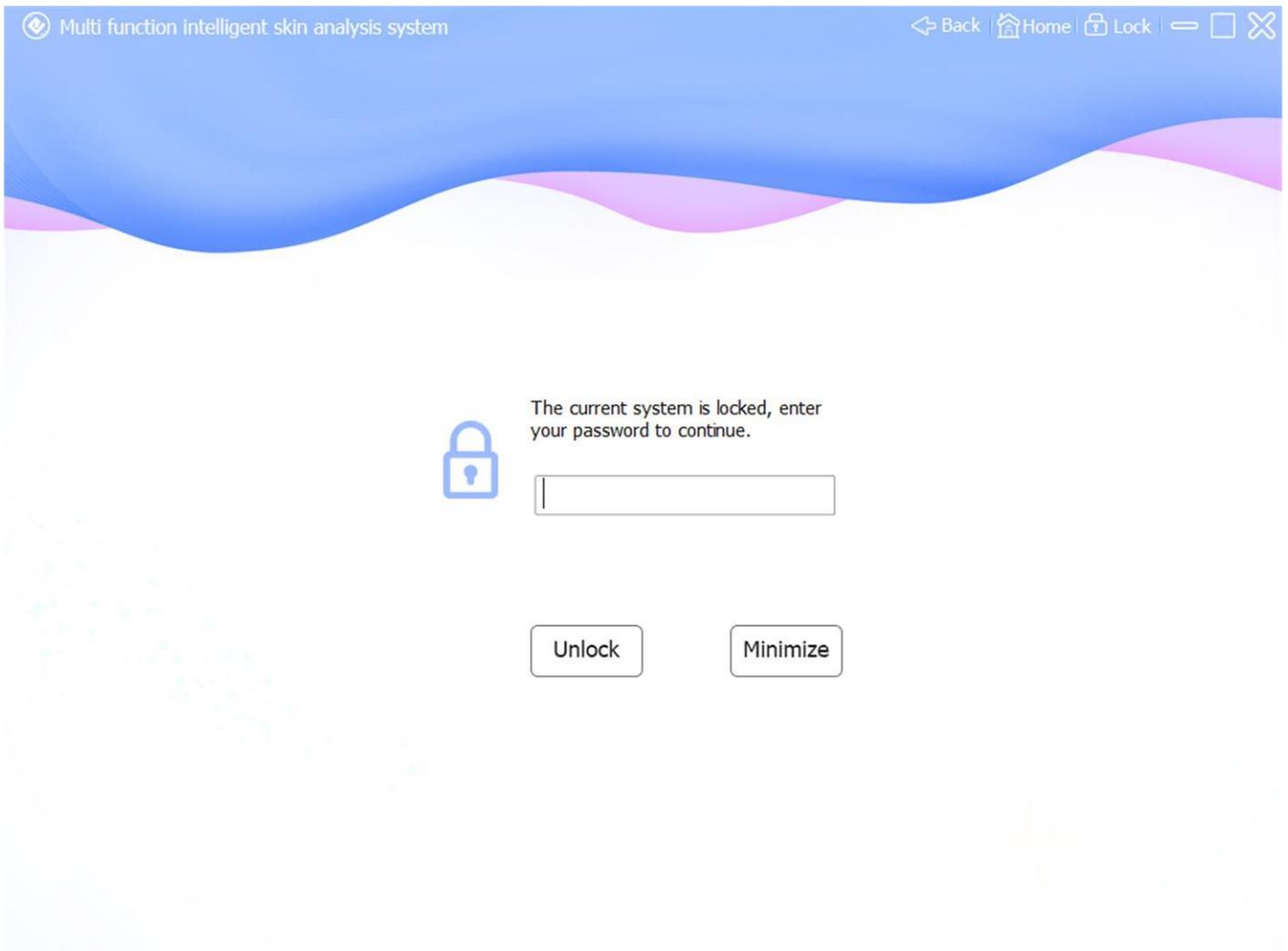
### 3. Home Introduction

1. Double-click desktop icon , into home page as below, have below function: "Member", "Demo", "Product", "Setting", "Knowledge".



2. Click  return previous page, Click  return home page.

3. Click  Lock, can lock the Multifunction Skin Analysis System, until input the correct password to unlock, password default is blank, if you want modify password, goto "Setting" → "Password".



4. Click , quit full screen mode. if full screen mode, please click  .



# 4. Member Management



1. Home page, click [Member](#), into Member Management page.

2. Click "Add" or "Edit" Icon, Add a member or Edit member information, input finish, Click "Save" button, save member information.

- Tips:
- a. "No." must input, 1~20 characters.
  - b. "Name" must input, 1~30 characters.
  - c. "Birthday" can blank, "Year" 4 digit, "Month" 1~12 , "Day" 1~31.
  - d. "Tel" can blank, 1~20 characters.
  - e. "Address" can blank, 1~100 characters.
  - f. "Remark" can blank, 1~100 characters.
  - g. "Date" system generation, can't edit.
  - h. "Photo" can blank, upload or capture from camera.

Multi function intelligent skin analysis system Back Home Lock

Add Edit Delete Analyse Contrast



Browse  
Start  
Freeze

No.  \*

Name  \*

Gender  Male  Female

Birthday

Tel

Address

Remark

Date

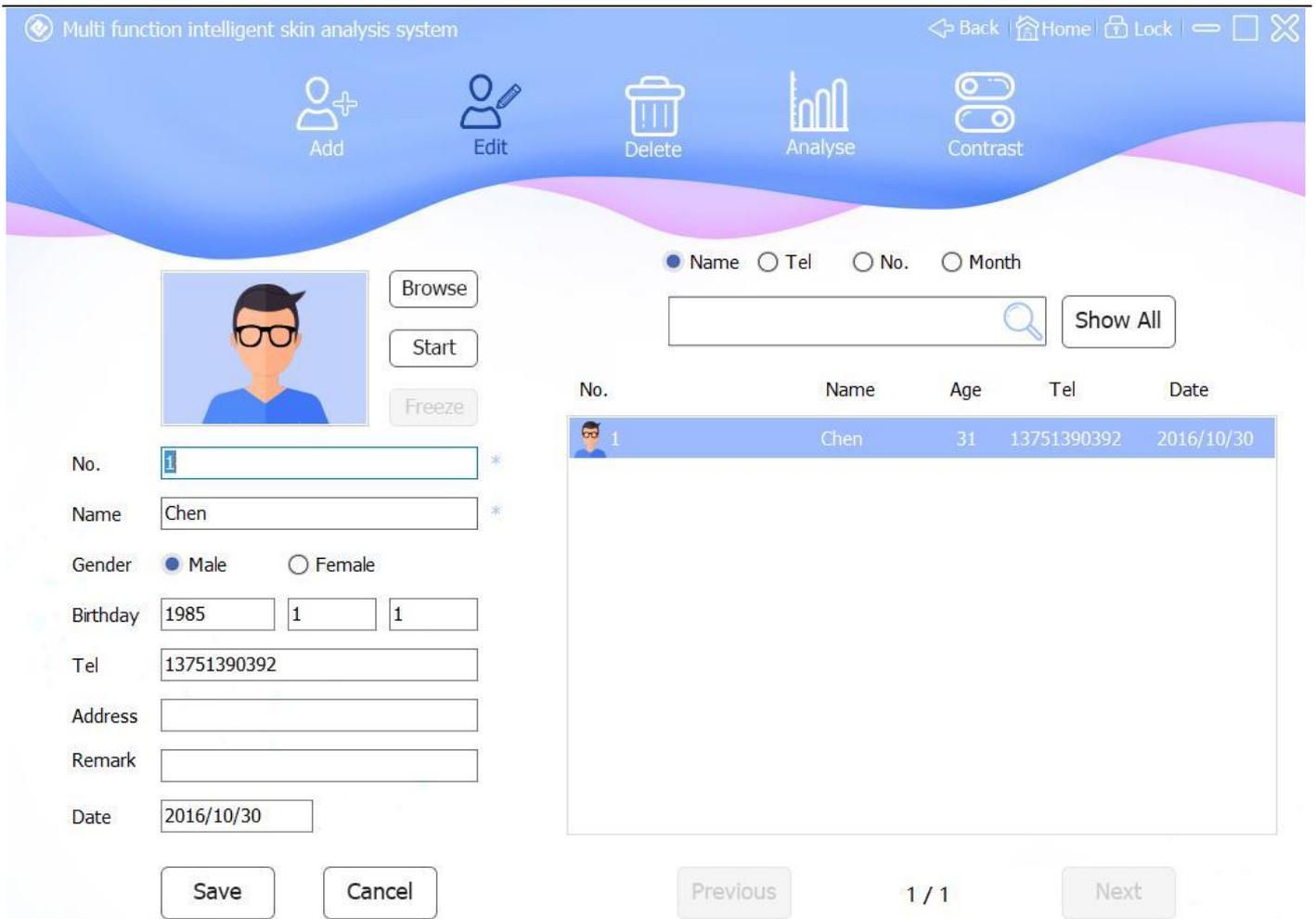
Save Cancel

Name  Tel  No.  Month

Search Show All

No.	Name	Age	Tel	Date

Previous 0 / 0 Next



3. Find members, by "Name", "Tel", "No.", "Month", click , the results are displayed in the list, if you want to display all members, click  button.

Name  Tel  No.  Month

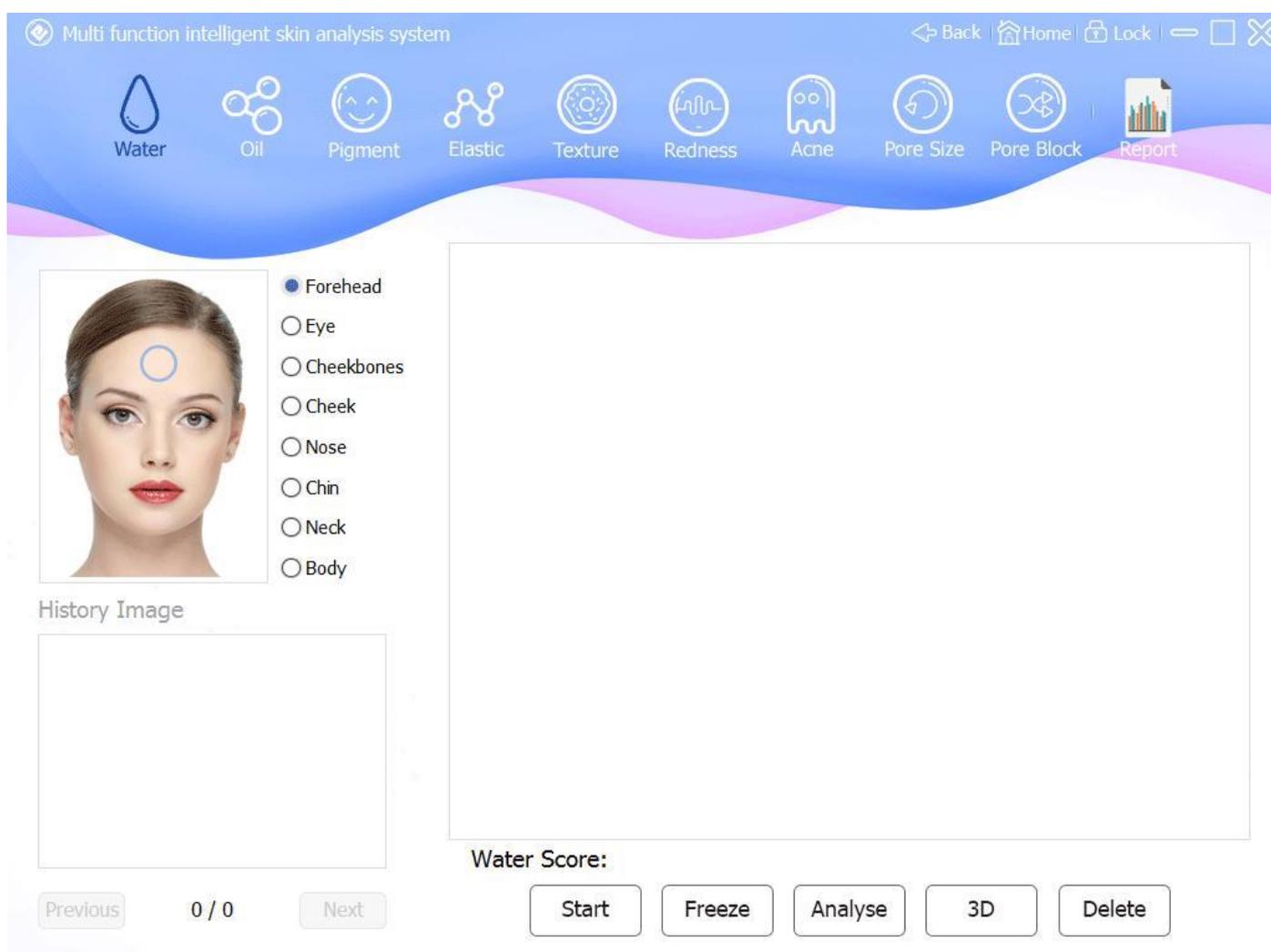
Chen  Show All

No.	Name	Age	Tel	Date
 1	Chen	31	13751390392	2016/10/30

# 5. Skin Analysis



1. In member management, select a member from list, click **Analyse**, open skin analysis page. there have "Water", "Oil", "Pigment", "Elastic", "Texture", "Redness", "Acne", "Pore Size", "Pore Block" item.

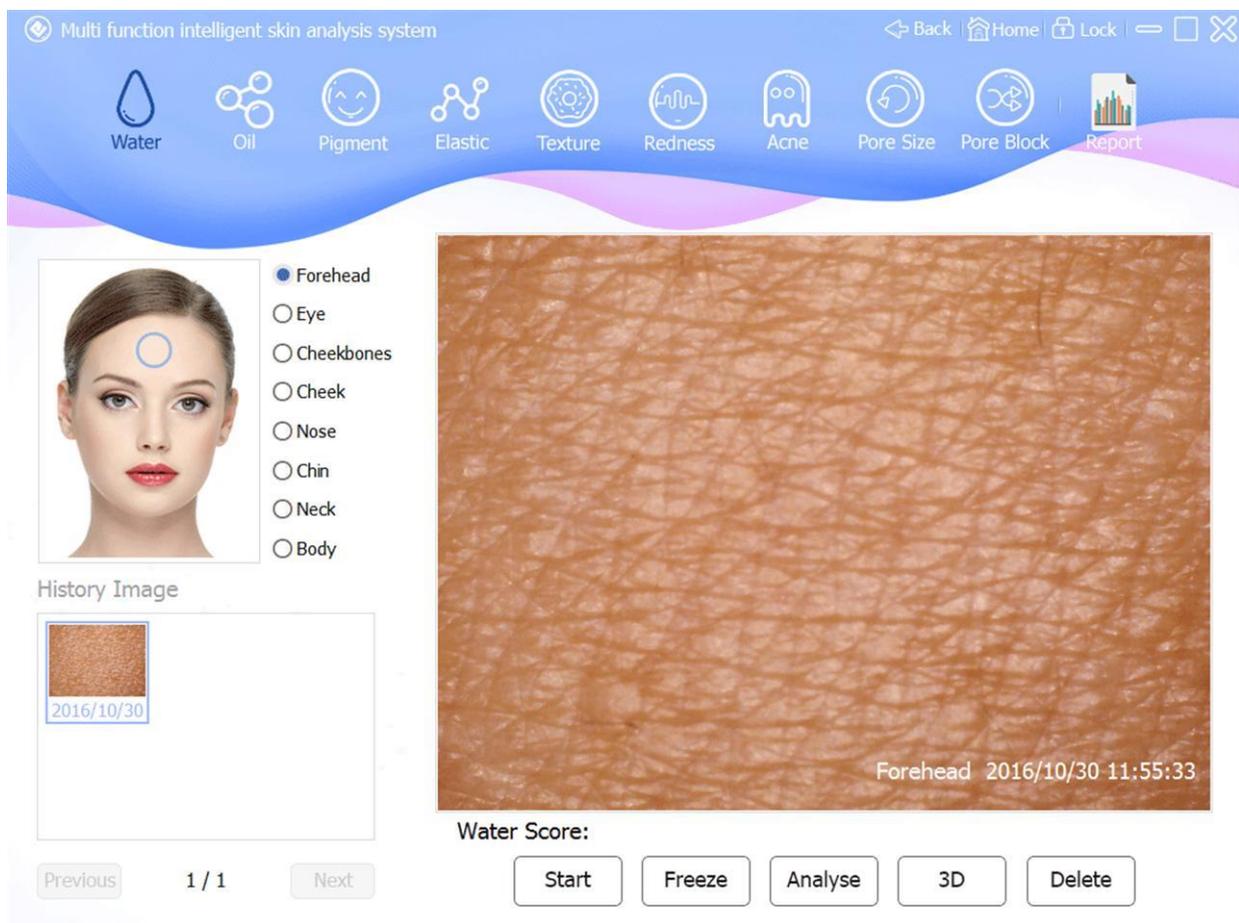


2. Capture image steps:

- a. Select analysis item.
- b. Select image part.
- c. Press device "freeze" button or click "Start" button, start capture.
- d. Press device "freeze" button or click "Freeze" button, save image.
- e. Image show in "History Image" and large image.

**Tips: "Water", "Oil", "Pigment", "Elastic" can analysis from one same image.**

**Same analysis item only capture 1 image.**



### 3. "Water" analysis steps (50X lens epidermis mode):

- a. Click "Water" icon.

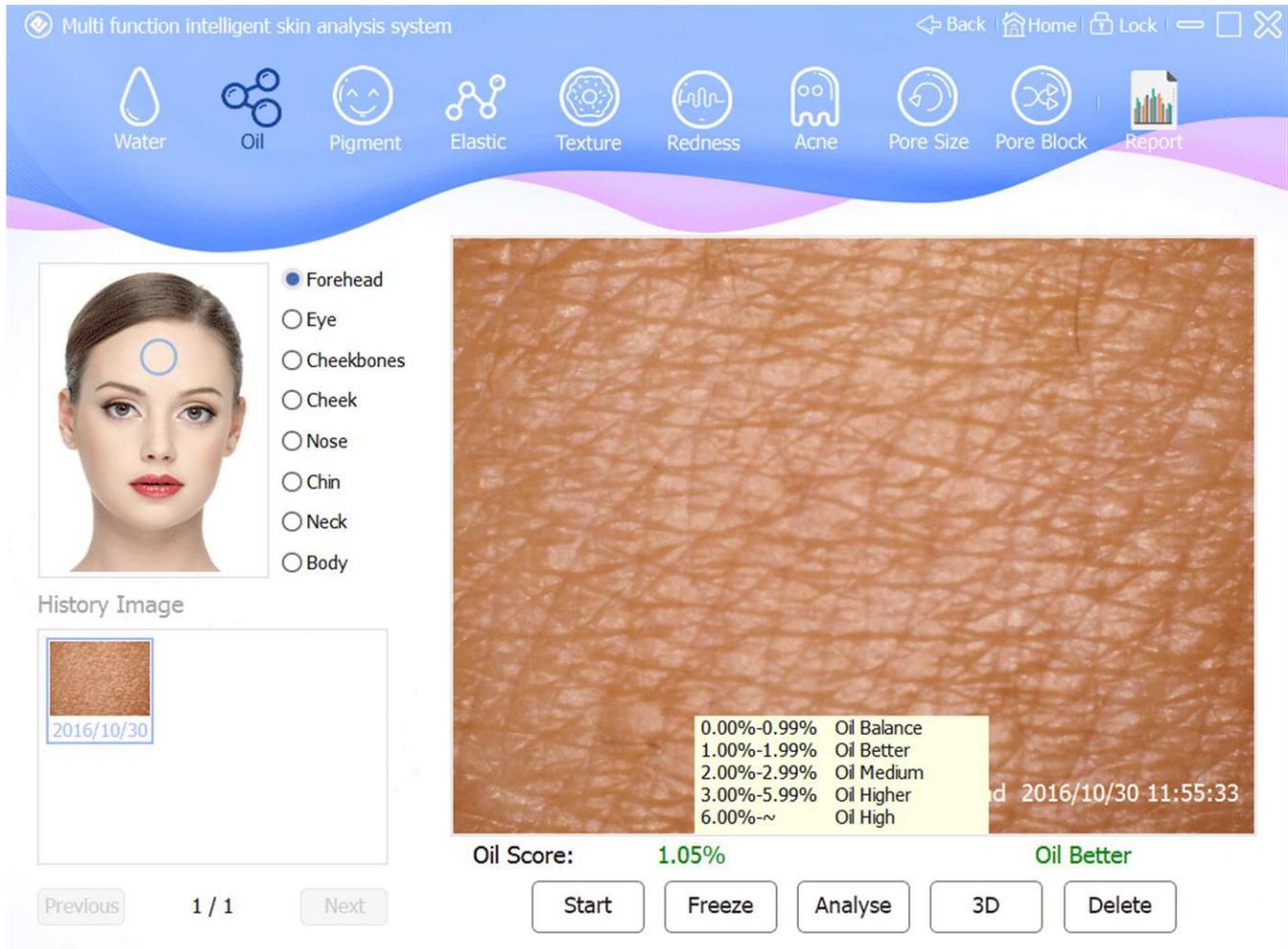
- b. Capture image.
- c. Click "Analyse" button start analyse.
- d. Screen show image analysis process.
- e. "Water Score" get data, show analysis result.



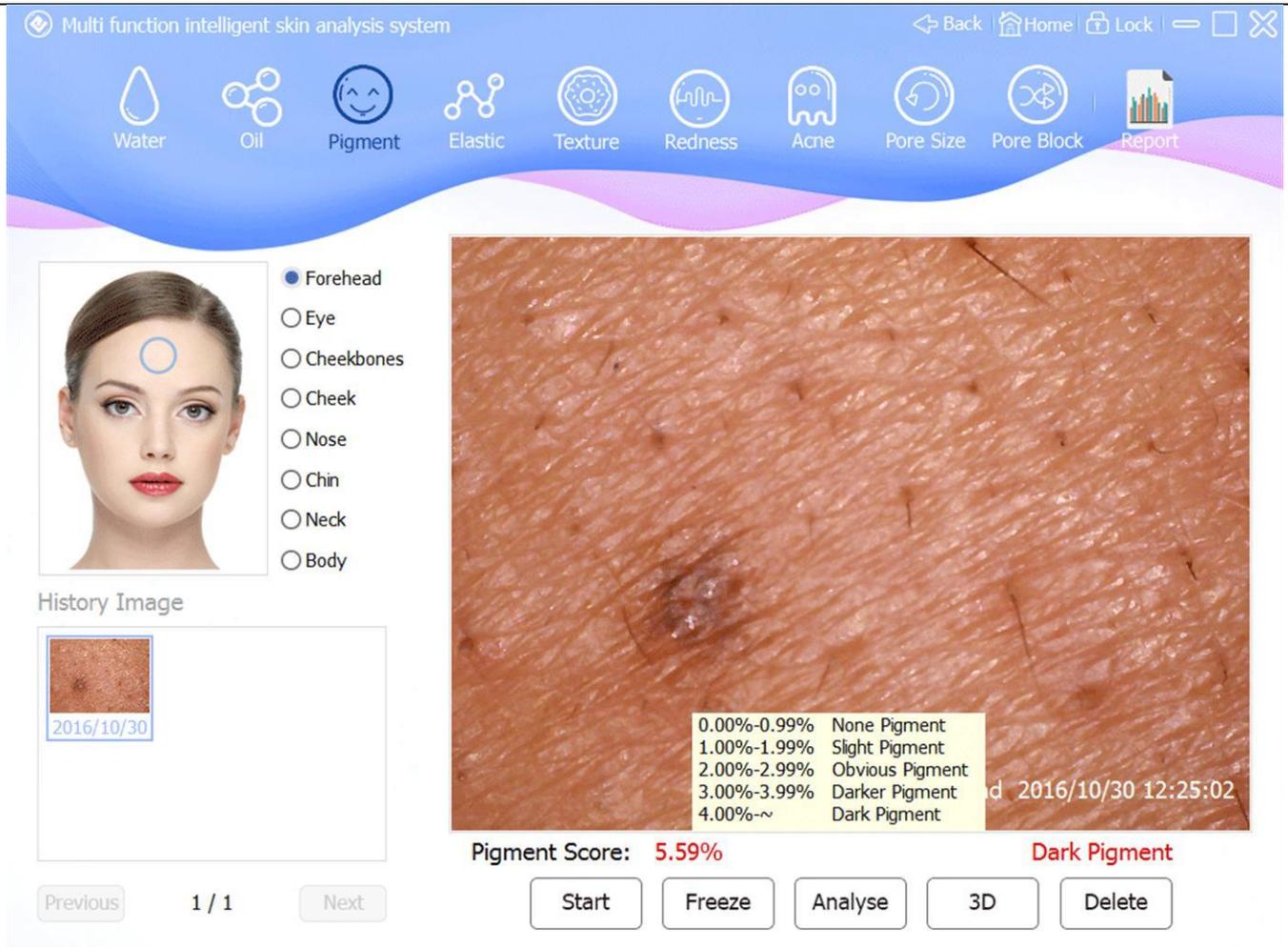
4. "Oil" analysis steps (50X lens epidermis mode):

- a. Click "Oil" icon.
- b. Capture image.
- c. Click "Analyse" button start analyse.

- d. Screen show image analysis process.
- e. "Oil Score" get data, show analysis result.

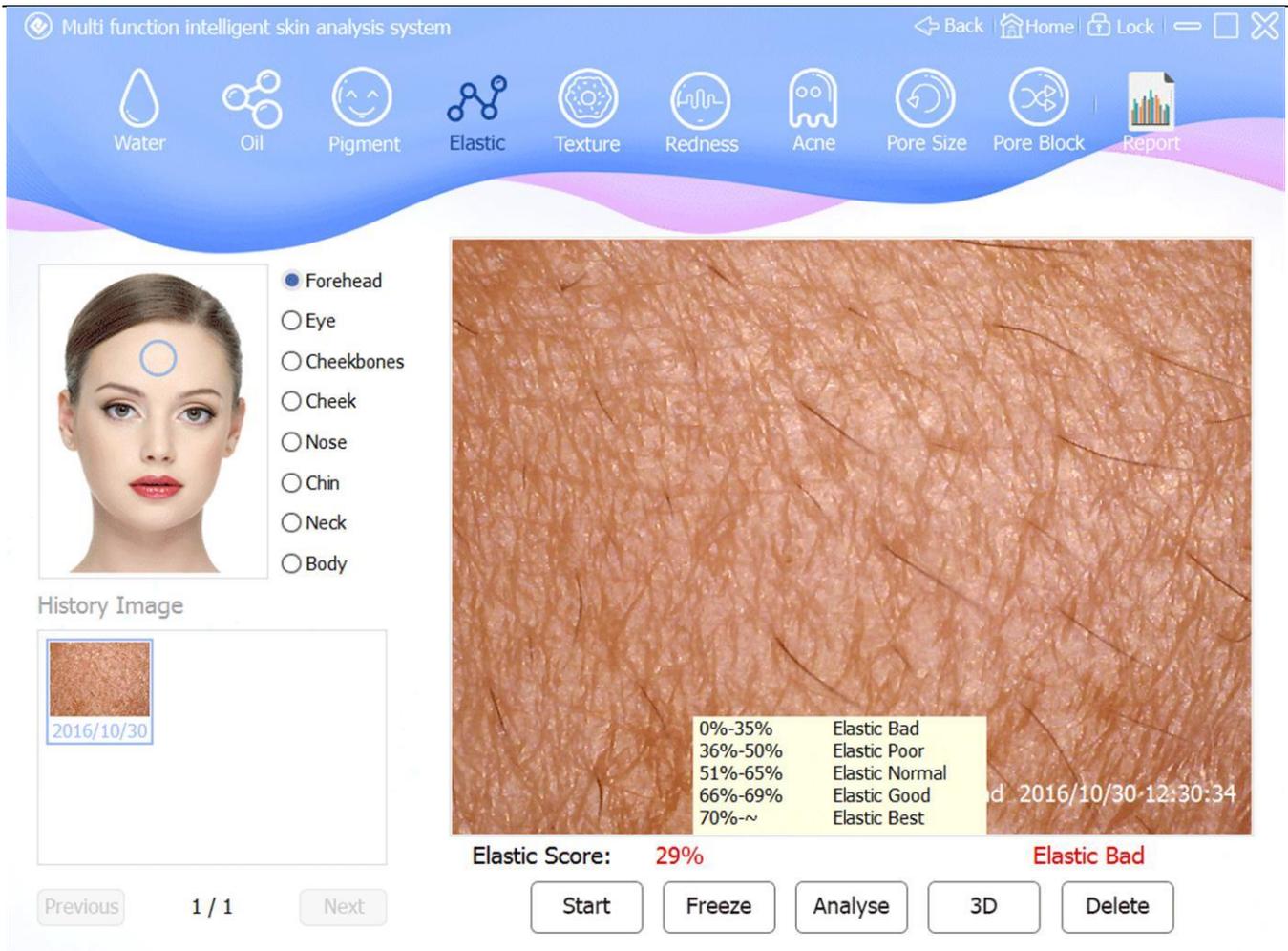


- 5. "Pigment" analysis steps (50X lens epidermis mode):
  - a. Click "Pigment" icon.
  - b. Capture image.
  - c. Click "Analyse" button start analyse.
  - d. Screen show image analysis process.
  - e. "Pigment Score" get data, show analysis result.



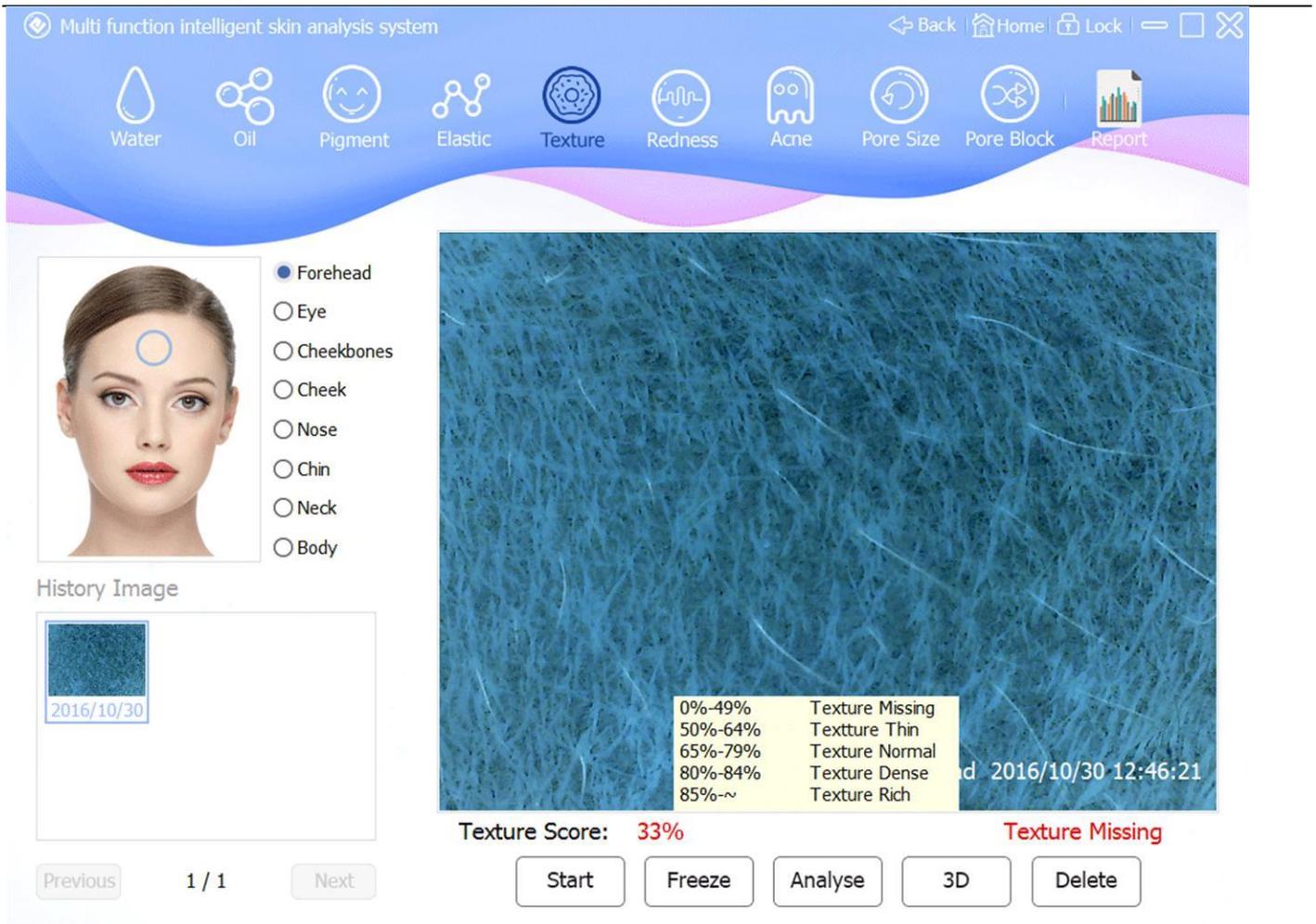
6. "Elastic" analysis steps (50X lens epidermis mode):

- a. Click "Elastic" icon.
- b. Capture image.
- c. Click "Analyse" button start analyse.
- d. Screen show image analysis process.
- e. "Elastic Score" get data, show analysis result.



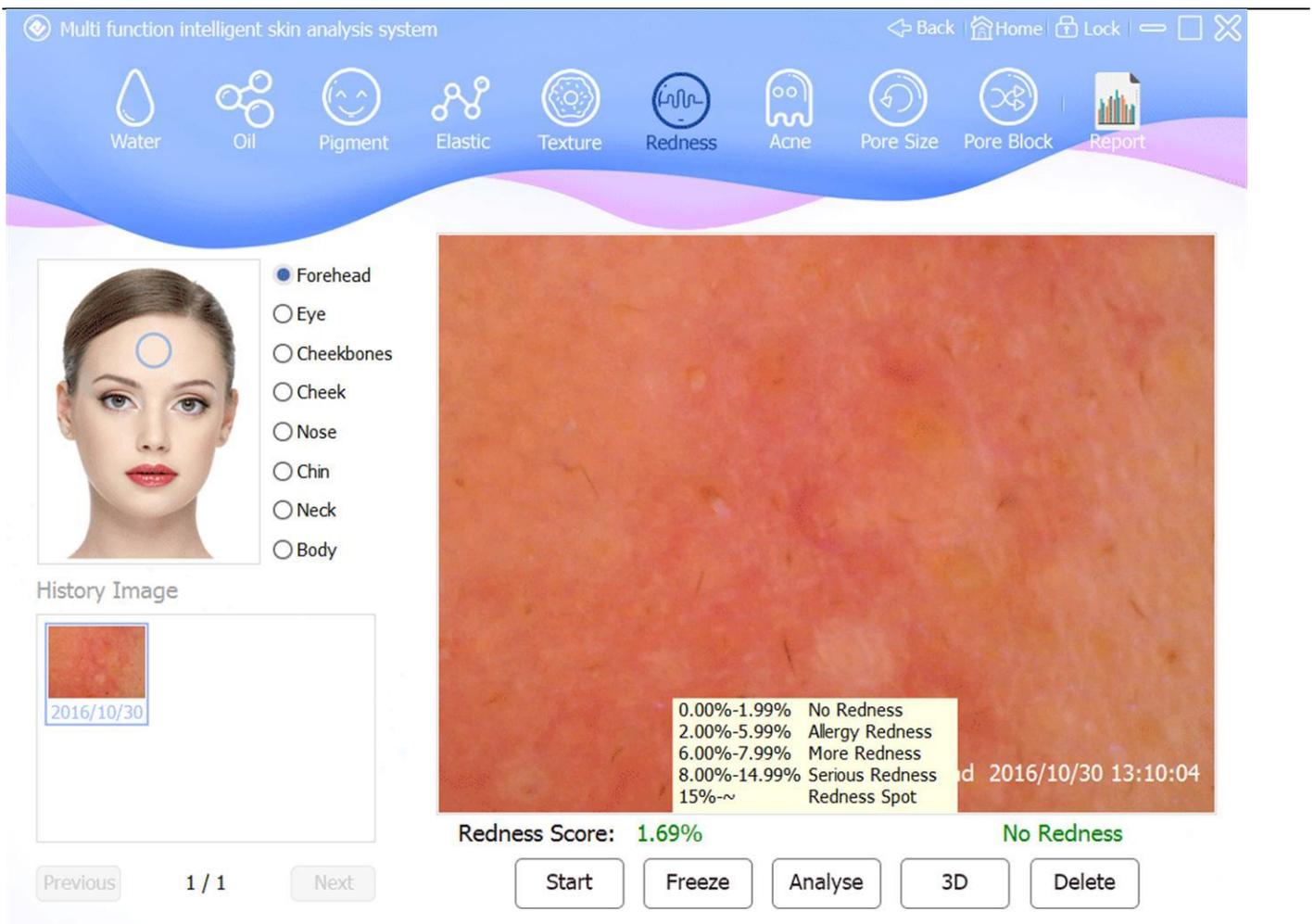
7. "Texture" analysis steps (50X lens epidermis mode):

- a. Click "Texture" icon.
- b. Capture image.
- c. Click "Analyse" button start analyse.
- d. Screen show image analysis process.
- e. "Texture Score" get data, show analysis result.



8. "Redness" analysis steps (50X lens dermis mode):

- a. Click "Redness" icon.
- b. Capture image.
- c. Click "Analyse" button, start analyse.
- d. Screen show image analysis process.
- e. "Redness Score" get data, show analysis result.



9. "Acne" analysis steps (50X lens epidermis mode):

- a. Click "Acne" icon.
- b. Capture image.
- c. Click "Analyse" button, open analyse page.
- d. Analyse image, click "Finish" after save analyse result.
- e. "Acne Score" get data, show acne number.

Acne Qty: 3

Average Diameter: 0.39mm



Acne category:

- 1 - Environmental allergic acne.
- 2 - Pressure performance acne.
- 3 - Hormonal reaction acne.

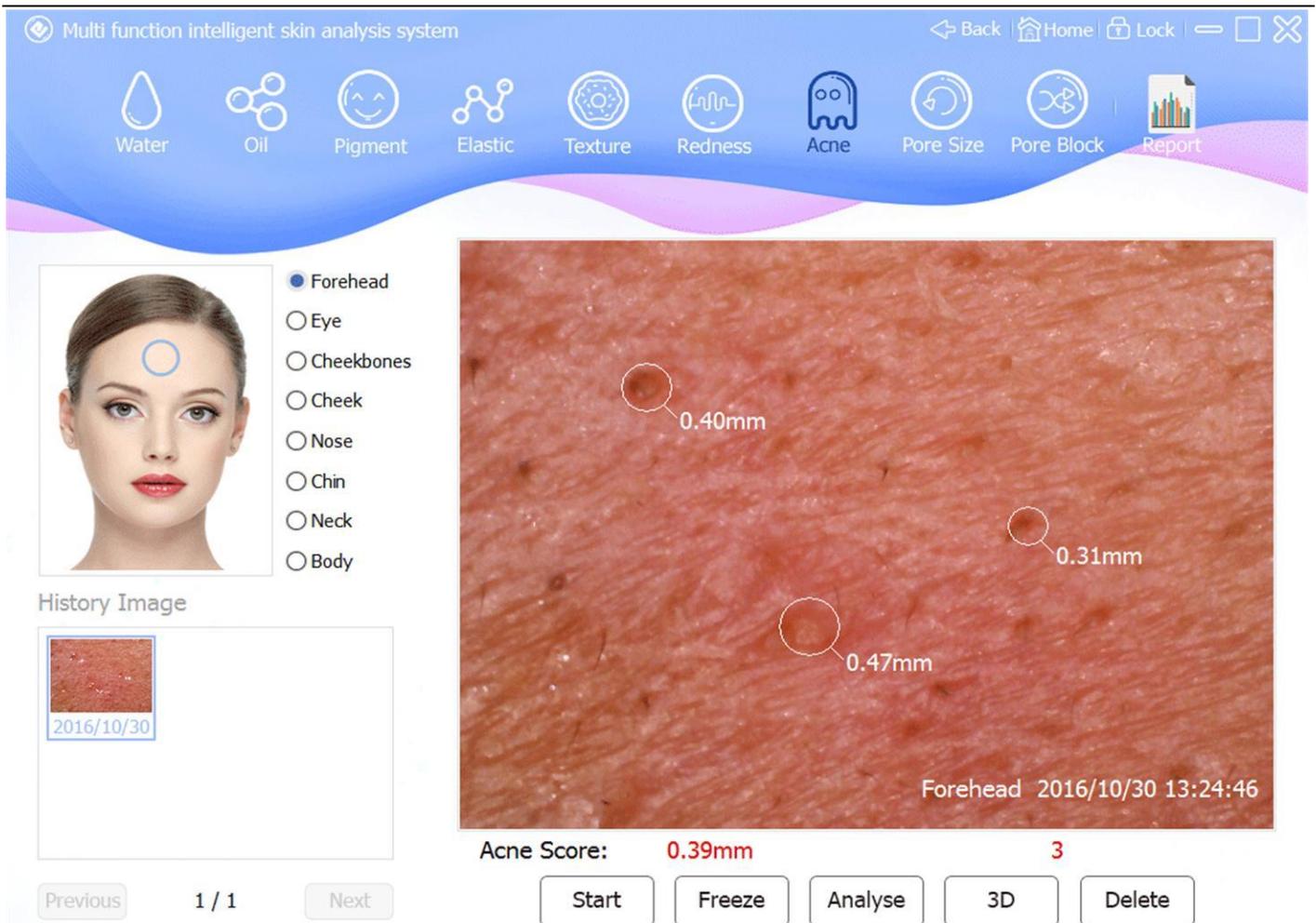
Improve and care recommendations:

- 1 - Mental, psychological factors are important: to be optimistic self-confidence, adhere to positive and reasonable treatment.
- 2 - Diet: pay attention to "four little more than one", that is, eat less spicy food, eat greasy food, eat sweets.
- 3 - Appropriate to eat vegetables cool, fruit.
- 4 - Aspects of life: the best do not smoke, do not drink tea and the like, active, inflammatory acne

Reset

Save

Finish

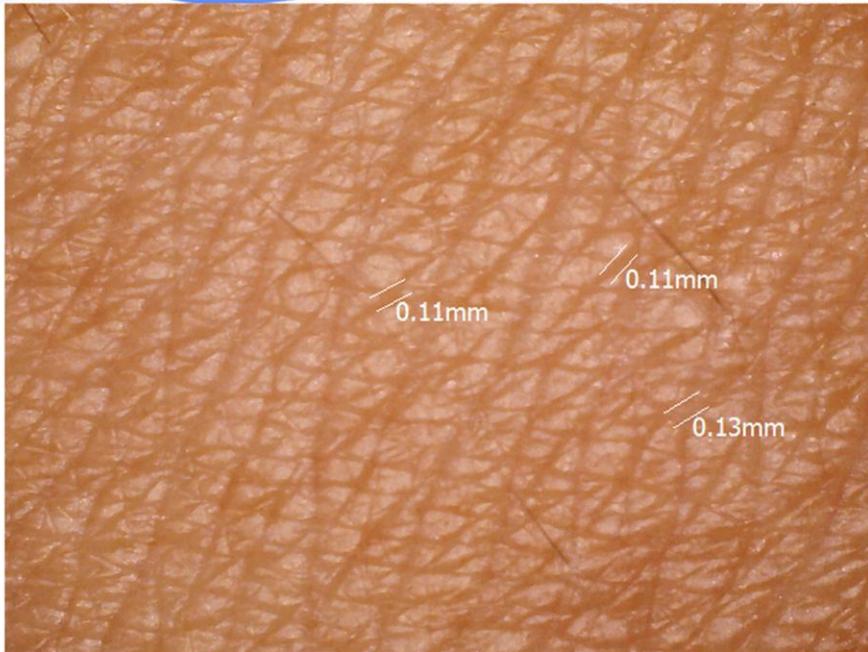


10. "Pore Size" analysis steps (50X lens epidermis mode):

- a. Click "Pore Size" icon.
- b. Capture image.
- c. Click "Analyse" button, open analyse page.
- d. Analyse image, click "Finish" after save analyse result.
- e. "Pore Size" get data, show analysis result.

Measure Qty: 3

Average Diameter: 0.12mm



Coarse pores cause:

- 1 - Natural skin: pores, strong oil secretion.
- 2 - Climate change: temperature, rapid increase in oil, dilated pores.
- 3 - Improper care: remover is not complete, makeup retained in the pores.

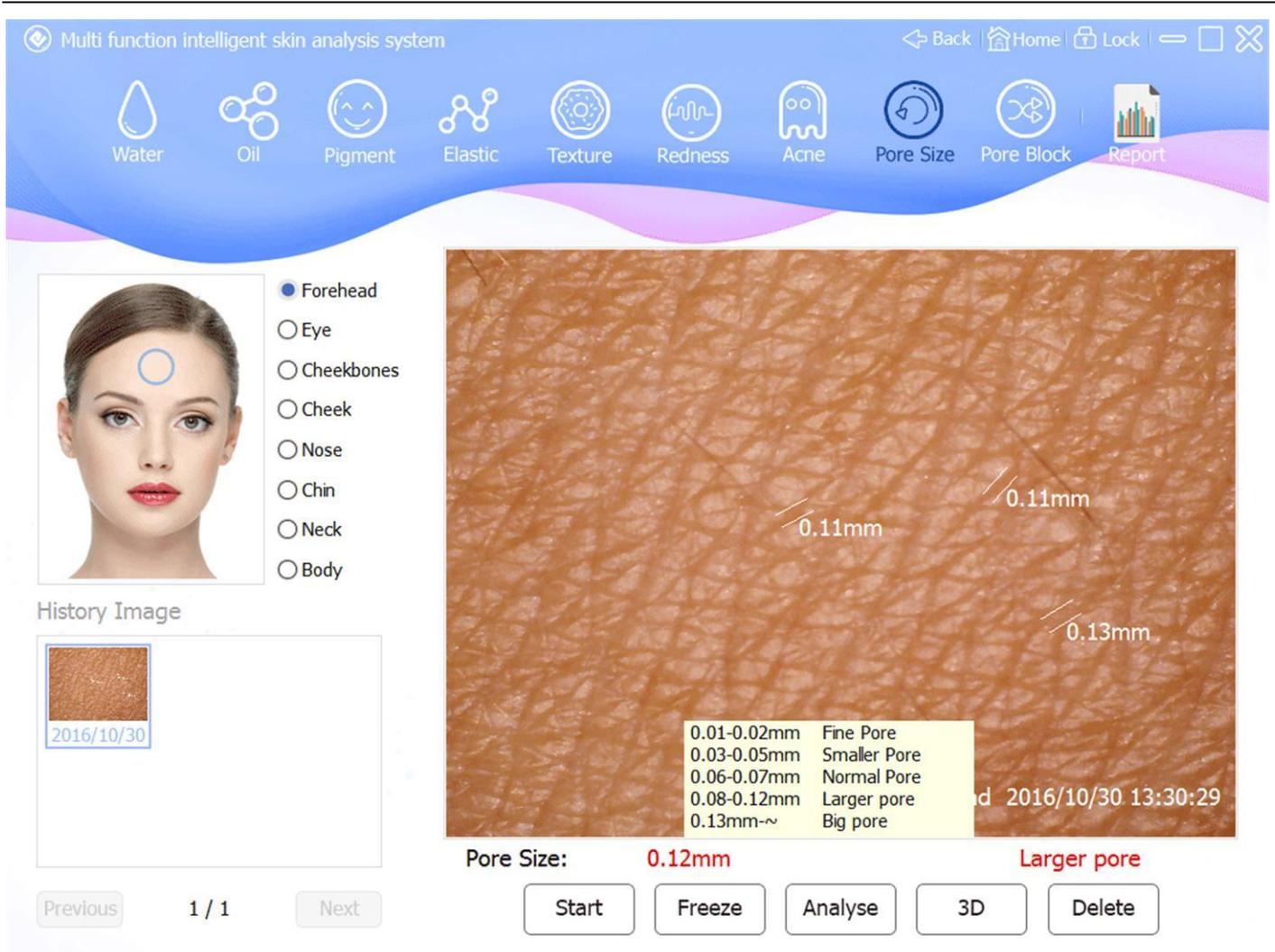
Improve and care recommendations:

- 1 - Deep care: regular deep cleansing and exfoliation, promote metabolism.
- 2 - Oil Convergence: having astringent and refreshing moisturizing skin care products.
- 3 - Cleansing thoroughly: Daily cleansing water temperature should be higher than the hands warm once; remember to unload wash, pat lotion convergence, in particular to strengthen the T-zone convergence.

Reset

Save

Finish



## 11. "Pore Block" analysis steps (UV lens):

- a. Click "Pore Block" icon.
- b. Capture image.
- c. Click "Analyse" button, start analyse.
- d. Screen show image analysis process.
- e. "Pore Block" get data, show analysis result.

Multi function intelligent skin analysis system

Back Home Lock

Water Oil Pigment Elastic Texture Redness Acne Pore Size Pore Block Report

Forehead  
 Eye  
 Cheekbones  
 Cheek  
 Nose  
 Chin  
 Neck  
 Body

History Image

2016/10/30

0.00%-0.29% None Block  
 0.30%-0.99% Slight Block  
 1.00%-2.99% Obvious Block  
 3.00%-3.99% More Block  
 4.00%~ Serious Block

Pore Block: **1.55%** Obvious Block

2016/10/30 18:37:33

Previous 1 / 1 Next

Start Freeze Analyse 3D Delete

## 12. 3D Analyse

Select a image, click "3D" button, open the 3D window. Press the left mouse button and drag to rotate the current 3D image, F2 Rendering , F3 Enter or Exit Full Screen, click "Close" button to close 3D wind



## 6. Analysis Report



1. After analyzing the required items, Click , open report window. if

want to view history report, please select the date of the report.

First row: member information.

Second row: analysis result.

Third row: common advice

Fourth row: expert advice

**Tips: the color of analysis result meaning.**

**Red: Bad, Yellow: Normal, Green: Good.**

**In Common Advice, Red indicates poor and front display.**

Multi function intelligent skin analysis system

Back Home Lock

Cart Save Print Delete

Name: 111 Gender: Female Age: Date: 2016/11/13 11:16:41

Water	Oil	Pigment	Elastic	Texture	Redness	Acne Count	Pore Size	Pore Block
6.29%	6.47%	0.20%	35%	39%	0.24%	0.38mm	0.07mm	0.93%
More Water	Oil High	None Pigment	Elastic Bad	Texture Missing	No Redness	3	Normal Pore	Slight Block

**Common Advice**

- 1- Oil: Active endocrine regulation, to keep the skin enough water, moderate consumption of high-sugar, fatty foods, soften the cuticle, and pay attention to prevent ultraviolet light.
- 2- Elastic: Effective massage, strengthening water and nourishment, maintain adequate sleep, to prevent ultraviolet radiation, selection of type of collagen injections and skin care.
- 3- Texture: Correct bad habits, ban alcohol and tobacco and excessive drinking coffee, choose the right makeup, avoid ultraviolet rays, do whitening rejuvenation work, maintain adequate sleep time.
- 4- Acne: Mental and psychological factors are important, appropriate to eat fruit and vegetables cool, preferably not smoking, not drinking, not strong tea.
- 5- Water: Enhance the skin nutrition, vitamin A, maintain adequate moisture, eliminate impurities, prohibition of alcohol and smoking, to prevent ultraviolet radiation note seasonal skin care.

**Expert Advice**

2. If want output report, please click "Print" icon, print current report.

## Skin Analysis Report

Name:Chen                      Gender:Male                      Age:31                      Date:2016/10/30 11:16:22

No	Item	Result	Explain
1	Water	1.05%	Less Water
2	Oil	1.05%	Oil Better
3	Pigment	5.59%	Dark Pigment
4	Elastic	29%	Elastic Bad
5	Texture	33%	Texture Missing
6	Redness	1.69%	No Redness
7	Acne Count	0.39mm	3
8	Pore Size	0.12mm	Larger pore
9	Pore Block	1.55%	Obvious Block

### Common Advice:

- 1- Water: Enhance the skin nutrition,vitamin A,maintain adequate moisture,eliminate impurities,prohibition of alcohol and smoking,to prevent ultraviolet radiation,note seasonal skin care.
- 2- Pigment: Conditioning gastrointestinal function,drink plenty of water,reasonable diet,pay attention to nutrition,relieve stress,avoid ultraviolet rays.
- 3- Elastic: Effective massage,strengthening water and nourishment,maintain adequate sleep,to prevent ultraviolet radiation,selection of type of collagen injections and skin care.
- 4- Texture: Correct bad habits,ban alcohol and tobacco and excessive drinking coffee,choose the right makeup,avoid ultraviolet rays,do whitening rejuvenation work,maintain adequate sleep time.
- 5- Acne: Mental and psychological factors are important,appropriate to eat fruit and vegetables cool,preferably not smoking,not drinking, not strong tea.
- 6- Pore: Dietary laws,with reasonable nutrition,actively prevent ultraviolet radiation,continue to do skin care and maintenance.
- 7- Oil: Active endocrine regulation,to keep the skin enough water,moderate consumption of high-sugar,fatty foods,soften the cuticle,and pay attention to prevent ultraviolet light.
- 8- Redness: Do not scrub,careful not to over-cleaning,do not use soap-type lotion; use non-soap emulsion or soap,the PH can be adjusted to suit the redness of the skin,adequate moisture.

### Expert Advice:

## Selection of products

No	Product Name	Price	Qty	Amount
1	OLAY REGENERIST CLEANSER	100.00	2	200.00
			2	200.00

## 7. Product Selection



On report window, click  icon, open the product selection window, you can recommend professional skin care products for members of the problem.

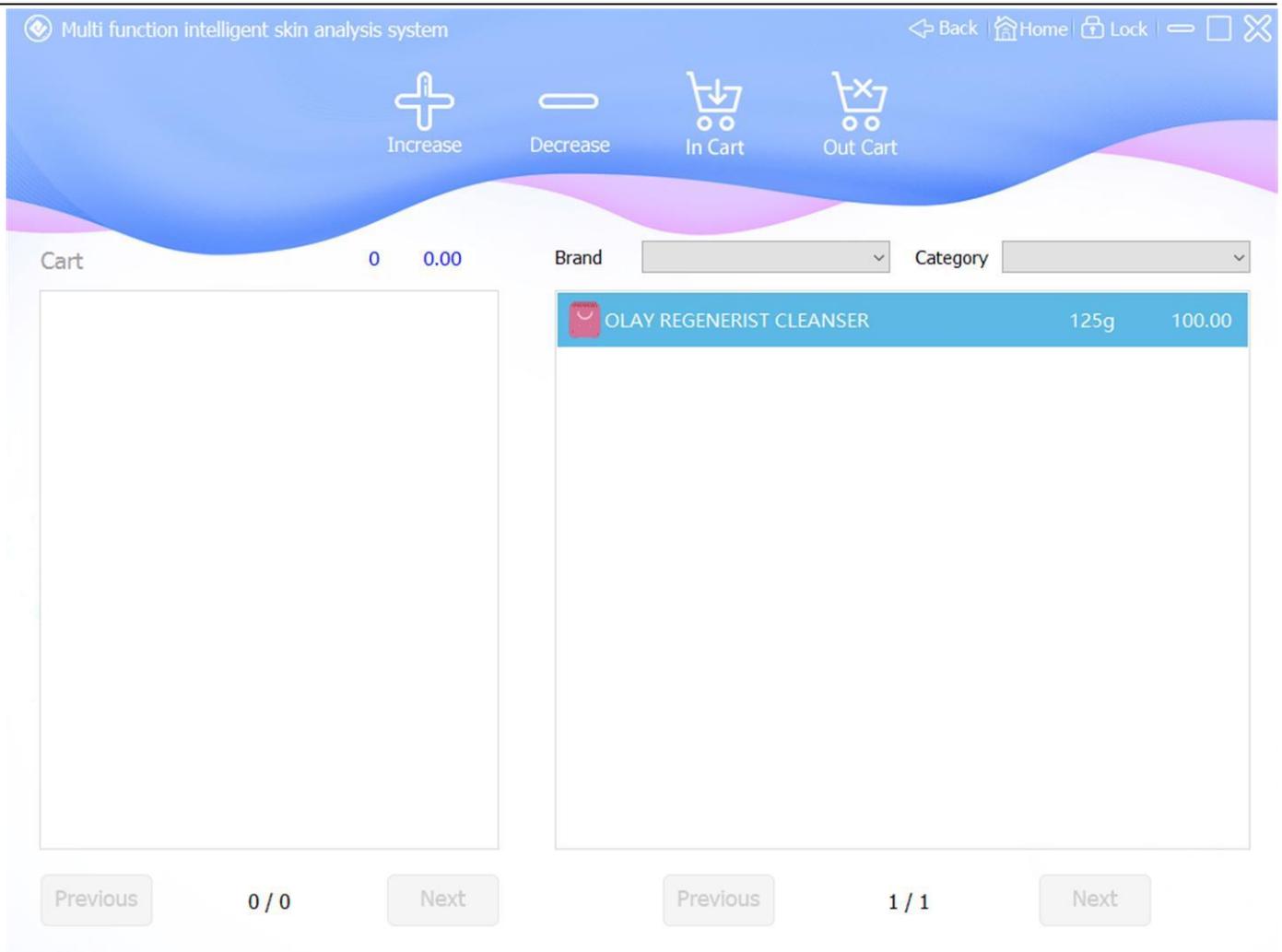
“Increase”: The number of items selected +1

“Decrease”: The number of items selected –1

“In cart”: Put the selected items into the cart

“Out cart”: Remove the selected items from cart

After the product selection is completed, click  return to the report window.



## 8. Image Contrast



On member management window, click  , open image contrast window.

“One”: one image contrast

“Two”: two image contrast

“Four”: four image contrast

“Start”: start capture image

“Freeze”: freeze capture image

“Clear”: clear select contrast image

“Save”: save contrast result

“Print”: print contrast result

Tips: can press device “Freeze” button to start or freeze capture image.

click the small window, appear blue border, it's current window.

in History Image, click selected image, it show in current window.

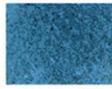
in Sample Image, click selected image, it show in current window.

Multi function intelligent skin analysis system

Back Home Lock

One Two Four Start Freeze Clear Save Print

### History Image

 2016/10/30	 2016/10/30	 2016/10/30
 2016/10/30	 2016/10/30	 2016/10/30

Previous 1 / 2 Next

### Sample Image

 Pore Small	 Pore Normal	 Pore Large
 Spot	 Acne	 Redness

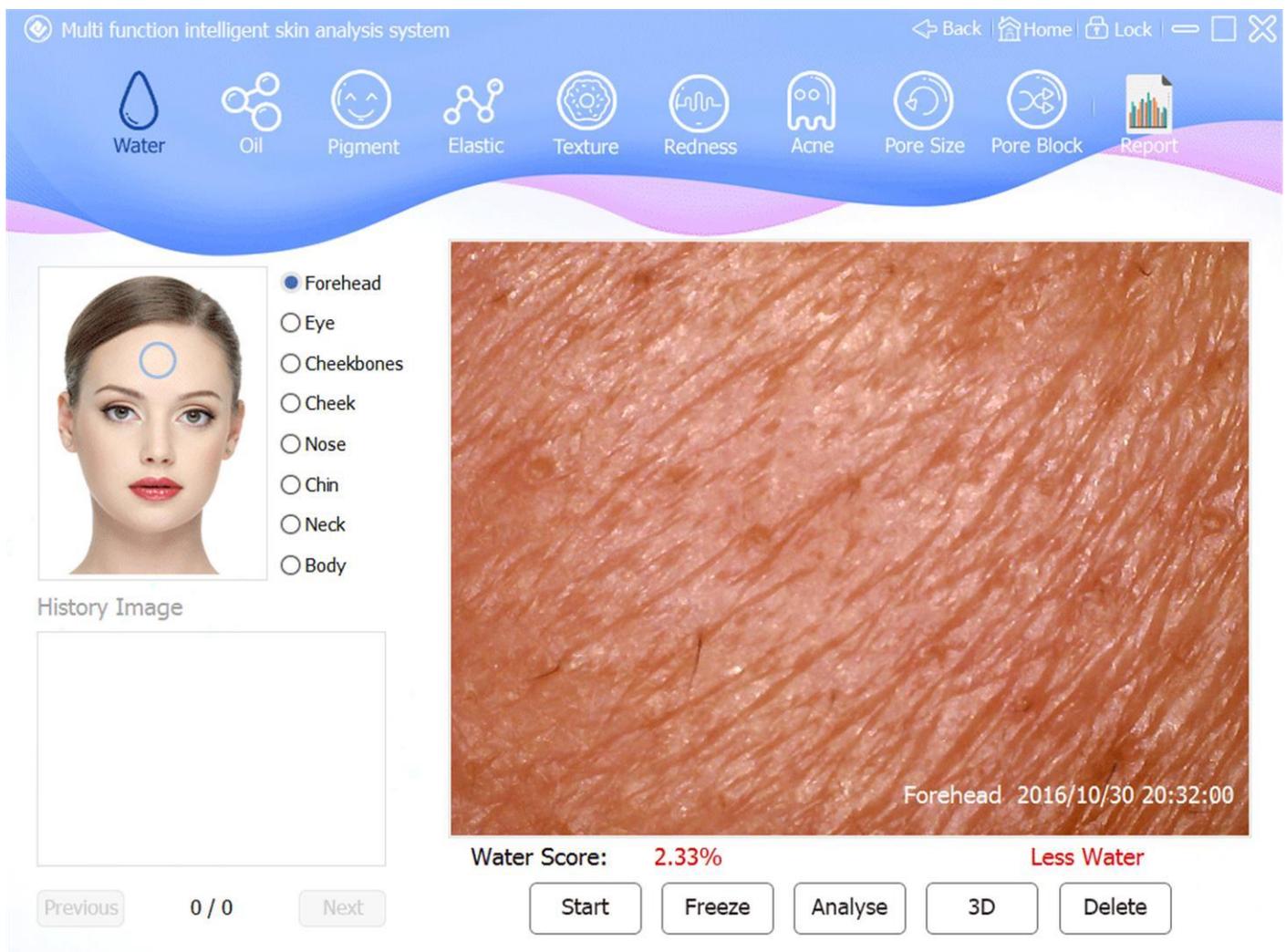
Previous 1 / 4 Next



# 9. Analysis Demo



On Home window, click , open analysis demo window, analysis steps same as member skin analysis, but the capture image and analysis result will not be save, can't view the analysis report.



# 10. Product Management



1. On Home windows, click , open product management window.

Multi function intelligent skin analysis system

Back Home Lock

Add Edit Delete Brand Category

Brand  Category

Brand  \*

Category  \*

Name  \*

Price  Spec

Ingredient

Effect

Previous 0 / 0 Next

2. Click "Add" or "Edit" Icon, Add a product or Edit product information, input finish, Click "Save" button, save product information.

3. Tips:

- a. if "Brand" or "Category" is no data, please create brand or category before add a product.
- b. "Brand" must selected.
- c. "Category" must selected.
- d. "Name" must input, 1~50 characters.
- e. "Price" must input, number only, format "0.00".
- f. "Spec" can blank, 1~50 characters.
- g. "Ingredient" can blank, 1~255 characters.
- h. "Effect" can blank, 1~255 characters.
- i. "Photo" can blank, upload or capture from camera.

Multi function intelligent skin analysis system Back Home Lock

+ Add    ✎ Edit    🗑 Delete    💎 Brand    ☰ Category

BrowseStartFreeze

Brand  \*

Category  \*

Name  \*

Price     Spec

Ingredient

Effect

SaveCancel

Brand     Category

Previous0 / 0Next

Multi function intelligent skin analysis system

Back Home Lock

Add Edit Delete Brand Category

Brand: OLAY Category: REGENERIST

Name: OLAY REGENERIST CLEANSER

Price: 100.00 Spec: 125g

Ingredient

Effect

Save Cancel

OLAY REGENERIST CLEANSER 125g 100.00

Previous 1 / 1 Next



4. On product management, click , open the brand window.

Multi function intelligent skin analysis system

Back Home Lock

Add Edit Delete

Name

OLAY

Brand List

 OLAY
--



5. On product management, click **Category**, open the category window.

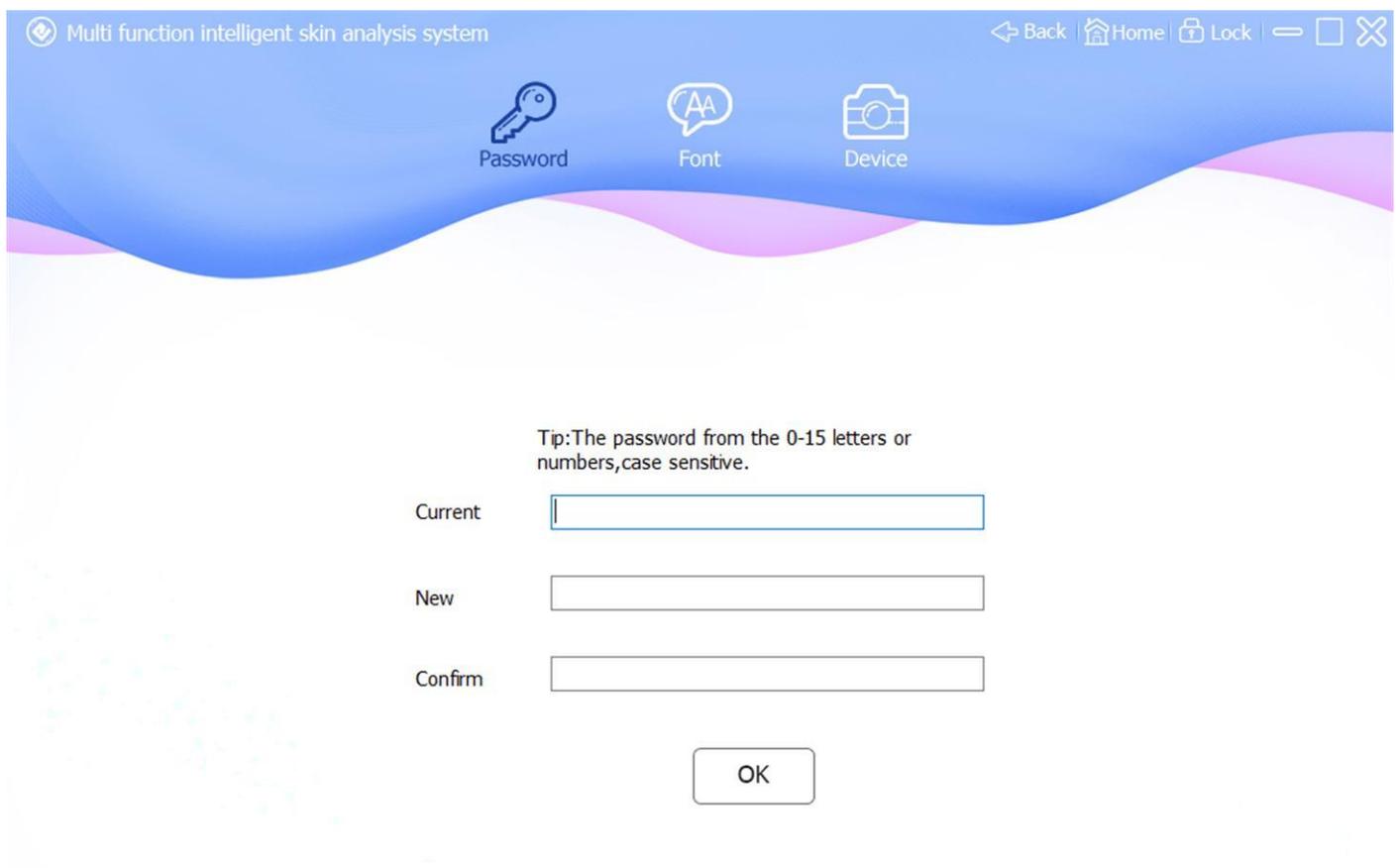
The screenshot shows a web application interface for a "Multi function intelligent skin analysis system". At the top, there is a navigation bar with "Back", "Home", and "Lock" buttons. Below this is a toolbar with "Add", "Edit", and "Delete" icons. The main content area is split into two sections: "Name" and "Category List". The "Name" section has a text input field containing "REGENERIST". The "Category List" section shows a list with one item, "REGENERIST", highlighted in blue. At the bottom of the list, there are "Previous", "1 / 1", and "Next" buttons.

# 11. System Setting



1. On Home window, click , open system setting window. Have below options: "Password", "Font", "Device", input finish, click "OK" button save setting.

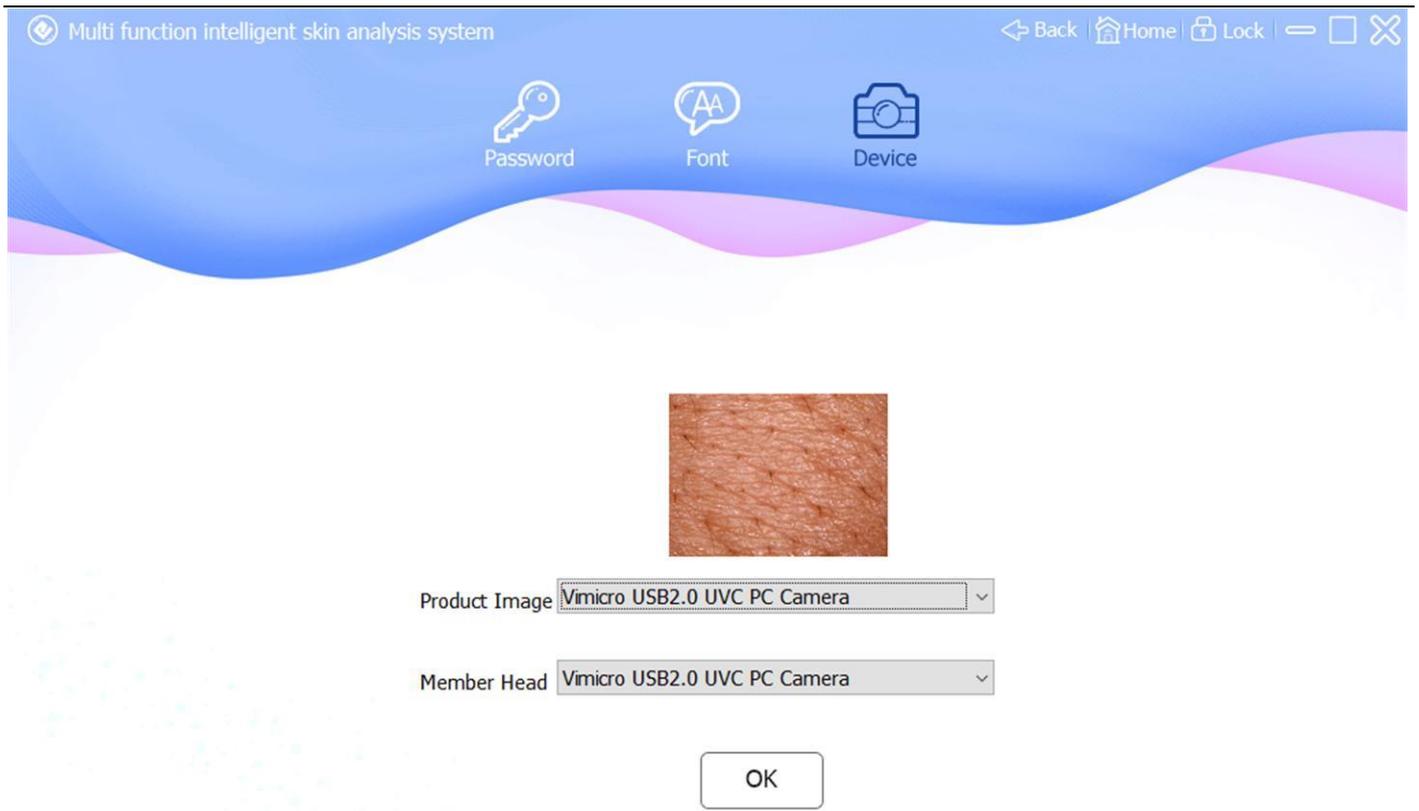
2. "Password" setting



### 3. "Font" setting.



### 4. "Device" setting.



## 12. Skin Knowledge

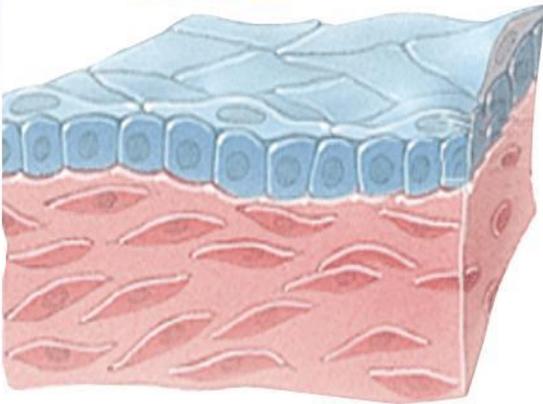


On Home window, click , open skin knowledge window. Have "Water", "Oil", "Pigment", "Elastic", "Texture", "Redness", "Acne", "Pore", each item includes: Photo, Principle analysis, Cause of formation, Expert tips, Home maintenance recommendations, Professional care recommendations, mouse scroll view.

Multi function intelligent skin analysis system

Back Home Lock

Water Oil Pigment Elastic Texture Redness Acne Pore



### Principle analysis

The skin is the body's largest and most important organ, accounting for about 8% of the total weight of the human body, the human skin blood circulation accommodating about 1/3 and about 1/4 of the water. Skin moisture content mainly reflects the aging of the skin, dry skin can cause dry skin, affecting the secretion of the sebaceous glands, subcutaneous fat and elastic tissue health. In pathological cases, skin inflammation, abnormal keratinocytes keratosis, skin moisture content of skin disease eczema, dermatitis, increased fat skin, ichthyosis, etc. decreased. Therefore, the state should pay attention to the skin moisture, strengthen water care.

### Cause of formation

Increased water loss, skin moisturizing capacity decreased, the stratum corneum barrier function.

### Expert tips

Enhance the skin nutrition, replenish vitamin A; keep the body enough water, reduce water in the cells and tissues in the residence time of water in the body to promote circulation metabolism, eliminate impurities; prohibition of alcohol and the dangers of smoking on the skin; prevent ultraviolet radiation ; Note that seasonal skin care.

Multi function intelligent skin analysis system

Back Home Lock

Water Oil Pigment Elastic Texture Redness Acne Pore

**Principle analysis**

Lipid skin surface lipid epidermal lipid secretion of sebum by the sebaceous glands and the stratum corneum cells together constitute the disintegration produced. Sebum after generation moved up to the hair follicles and sebaceous ducts through which discharged the skin surface.

Horny surface of the skin, a layer containing slightly acidic natural sebum film. It is mainly by the sebaceous glands and sweat gland secretions formed. Whose role is to nourish the skin and reduce moisture loss, and resistance to external damage and invasion of harmful substances. Balance between healthy skin sebaceous glands and the stratum corneum moisture. Excessive secretion of oil, face feeling greasy, easy to clean, influential and beautiful shine, it also prone to some corresponding skin diseases such as acne vulgaris, seborrheic dermatitis.

**Cause of formation**

Due to the strong secretion of skin oils and fats, cleaning is not thorough, pore blocking, and inflammation.

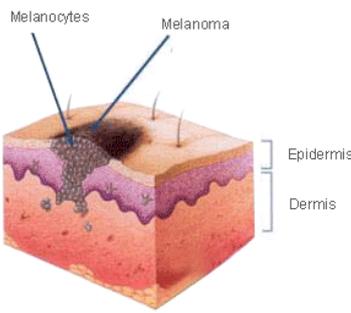
**Expert tips**

Endocrine regulation, anti-bacterial anti-inflammatory; prohibit squeeze pimples, blackheads, acne, prevent skin breakdown; maintain water balance in the oil control while timely replenishment; avoid staying up late, to maintain adequate sleep and happy mood: fastina snicy snicy food: cleanun lung and gastrointestinal

Multi function intelligent skin analysis system

Back Home Lock

Water Oil Pigment Elastic Texture Redness Acne Pore



**Principle analysis**

From the metabolic mechanism of skin melanin pigmentation generation process is essentially unbalanced metabolism, synthesis rate lower than the rate of degradation, caused by long-term deposits. In addition, each person due to different genetic causes or state body, in the process of generating and shedding skin cells, the metabolism of pigment showed different tendencies. Formation and metabolic processes of skin pigmentation is very complex, all aspects of a variety of internal, external factors interrelated, mutual restraint. Endocrine disorders, ultraviolet radiation and other physical factors, chemical factors, inflammatory factors, nutritional imbalance, long-term mental stress and other reasons can lead to the formation of skin pigmentation.

**Cause of formation**

Body activity decreased renal function, and physical and psychological stress affect their normal metabolism.

**Expert tips**

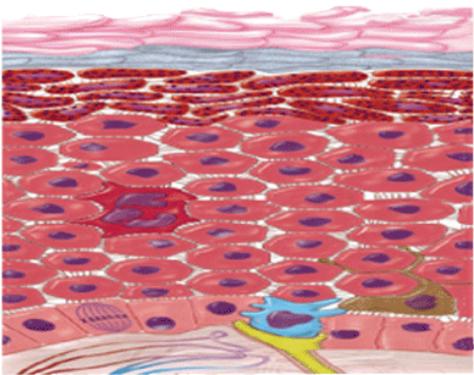
Strengthening vitamin intake, promote blood circulation and metabolism; plenty of water to keep the stratum corneum; strengthen the muscles in order to increase skin elasticity.

**Home maintenance recommendations**

Multi function intelligent skin analysis system

Back Home Lock

Water Oil Pigment Elastic Texture Redness Acne Pore



**Principle analysis**

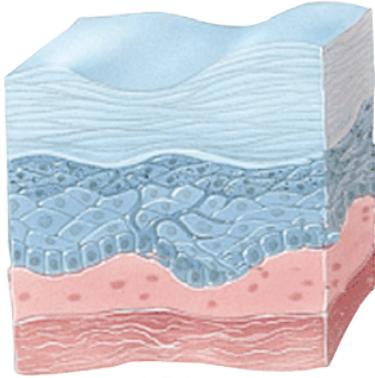
Basal cell can not successfully get enough nutrients from the dermal layer, split regeneration affected, thinning of the epidermis, the organizational structure of lax wrinkles. In general, the beginning of 20-year-old forehead wrinkles appear after 30 to 43 years increased and deepened, eye wrinkles appeared sector, followed by the appearance of wrinkles around the upper and lower eyelids. Aging of the skin and the person's overall aging like age and progressive development. Aging of the skin including endogenous aging, natural skin aging, extrinsic aging. Surface features such as epidermal skin texture shape, skin color, gloss, pores, wrinkles, dryness, pigmentation reflects the degree of aging of the skin. These features are important indicators to determine the age of the skin.

**Cause of formation**

Decreased synthesis of dermal collagen fibers, elastic fiber degeneration, thinning of the skin, relaxation, decreased flexibility, support deteriorates.

**Expert tips**

Effectively massage the skin, promote muscle elasticity; work and rest, to strengthen the body concerned, and effective regulation of the endocrine; readily available to the body enough heat to become easy to store fat; proper skin care and anti-wrinkle products; select collagen injection , chemicals skin peeling surgerv: microdermabrasion technology and other non-surgical therapy: careful



### Principle analysis

Skin texture (dermatoglyphy) refers to the human skin grain pattern, referred to as striae. Sticks to the skin is the dermal papilla formation of many prominent neatly arranged parallel to the nipple line - recessed ridge (ridge) and the ridge between - furrow (dermal furrow) thereof. With age, the epidermis and dermis at the flattened structure, thinning of the epidermis, to accelerate the evaporation of water loss increased, decreased metabolism of epidermal cells, the speed began to slow down, decreased production of new cells, parakeratosis, surface contour is unclear, leather rule disorders, skin shallow trench lines, skin ridge becomes large.

### Cause of formation

Skin lack of nutrition, epidermal proliferative capacity began to decline, leather slightly widened ridge, appeared rough skin, dull, dull, pigmentation began to calm.

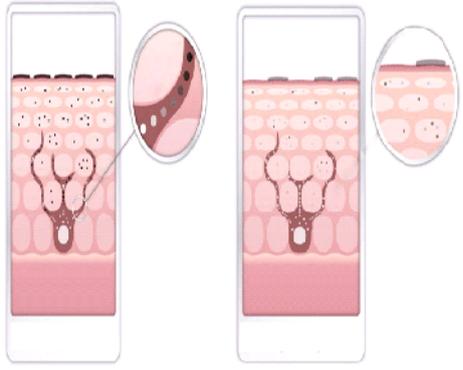
### Expert tips

To ensure the body plenty of water, daily water intake should be about 1200 ml, and to keep the skin moisturizing, maintain a certain moisture; keep the body healthy state, the supply of adequate nutrition; correct bad habits, work and rest, ban alcohol and tobacco, and excessive drinking coffee; appropriate choice of cosmetics such as moisturizing cream and other nutrition supplement collagen.

Multi function intelligent skin analysis system

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Water Oil Pigment Elastic Texture Redness Acne Pore



### Principle analysis

Redness - telangiectasia, it is due to the continued expansion of capillaries in the skin to form a red or purple porphyritic, point, line damage, occasional tingling or burning sensation. Facial after facial telangiectasia can present a "good cop" appearance, often in winter, purple, red summer, even slight movement, excitement are prone to red-faced, sometimes irritating or ingestion of high-calorie foods cheeks will obviously turn red, it was known as "Guan Gong face". Not only that, some people face will appear worrisome abnormal sensations, such as fever, mild itching, tingling. And acquired two kinds of causes redness sub congenital: congenital include: telangiectasia, nevus telangiectasia, etc., often familial, this cop usually begin from childhood.

### Cause of formation

Sensitive skin or cause inflammation of the capillary congestion, skin redness, and endocrine and allergies.

### Expert tips

Do not scrub, careful not to over-cleaning, do not use soap-type lotion; strengthen protection, pay attention to use sunscreen; adequate moisture; nourish halved; reduce irritation.

### Home maintenance recommendations



Water



Oil



Pigment



Elastic



Texture



Redness

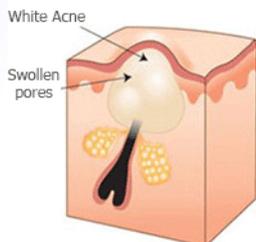


Acne

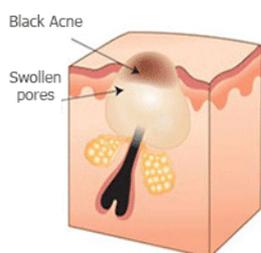


Pore

### White Acne



### Black Acne



## Principle analysis

Acne (Acne) is an involving pilosebaceous chronic inflammatory diseases, with a capacitive loss, dermatology common disease. Epidemiological studies show that 80% -90% of adolescents suffered from acne, mainly as whiteheads and blackheads, papules, pustules, nodules, cysts and so on. Disease develops slowly, usually a good site for the face, chin, but also in the chest, back, shoulders, upper arms, buttocks. Some may cause skin depression, seriously affecting the quality of life of patients.

## Cause of formation

1, sebaceous glands secrete too much. 2, within the pores, the outer keratoses. 3, proliferation of acne bacteria inside the pores. 4, hormonal imbalances (the main cause of adult acne). 5, cosmetics, food, drugs (such as steroids) irritation or allergic reactions.

## Expert tips

Properly wash, do not squeeze, sewage treatment, do not steam the face, do not pull by hand, with a non-irritating soap, drink plenty of water.

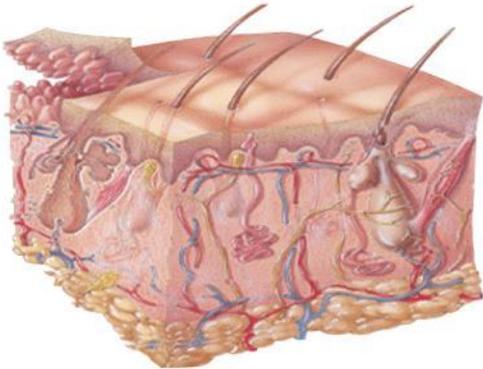
## Home maintenance recommendations

1, eat Feiganhouwei, spicy food hot and humid. 2, eat fishy hair thing, tonic.

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Water Oil Pigment Elastic Texture Redness Acne Pore



### Principle analysis

Pores mainly due to dirt blocking the pores, skin metabolism is not well, causing the pores to expand. When sebum balloon excessive accumulation of sebum and dirt clog pores and by when, prone to pyogenic bacteria, easy to inflammation of hair follicles, resulting in acne, pimples longer the more. Once the damage to the dermis, it is difficult to produce new cells, it will leave a scar bump, making the pores become coarse. Loose skin aging, can also cause coarse pores. With increasing age, blood circulation is not smooth and gradual, the subcutaneous fat layer of the skin and thus also easy to relax, lack of flexibility, increasingly expanding the pores naturally.

### Cause of formation

Improper nutrition, environmental stimuli, dirt clog pores, skin metabolism is not well, causing the pores to expand.

### Expert tips

Strengthen the skin cleansing to remove excess oil and prevent dry skin and infection; good habits, prevention and regulation of endocrine disorders; having astringent effect of the product, so that the skin balance water and oil; eat more high fiber foods , less fried foods, do fundamentally from the gastrointestinal conditioning; to maintain smooth stool, to facilitate the excretion of toxins.