

X1 AI Skin analyzer

LEAD TECHNOLOGY CREATE BEAUTY

X1 AI Skin analyzer

X1 AI Skin analyzer is developed with the core focus on solving skin and scalp problems. It integrates ISP image processing technology and eight-spectrum light-sensing imaging technology to achieve professional and objective detection and analysis.

For facial skin, it can accurately identify nineteen issues; for scalp health, it can comprehensively capture eight indicators. The operation design adheres to the concept of flexibility and convenience, enabling one-click photo taking and report generation, making the detection process efficient and intuitive, and providing a scientific basis for skin and scalp care.



Adapt to the scene



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【X1 AI Skin analyzer】

Lead technology create beauty



X 1 A I S K I N A N A L Y Z E R

01

**FUNCTIONAL
COVERAGE**

APP home page

Must-read guidance for startup

Must-read guidance for startup

Instructional video

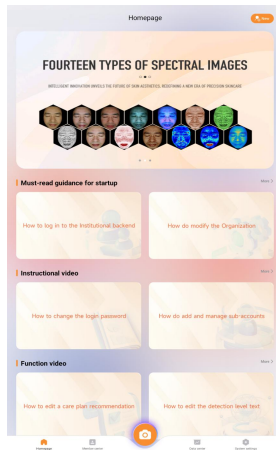
Function video

New file

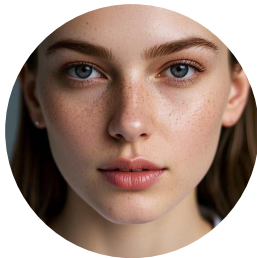
Member center

Data center

System settings



Analysis of 4 major
symptoms
30+ Detection
dimensions



Analysis of aging



Forehead lines



Dorsal nasal lines



Lines around
the eyes



Crow's feet



Nasolabial folds

Sensitive analysis



Acne



Redness



Acne rosacea



Barrier

Pigment analysis



Mole



Freckles



Acne marks



Spots

Skin quality analysis



Pores



Porphyrin



Wrinkle



Moisture

Function demo

THREE DIMENSIONAL SHOOTING

THREE SPECTRAL IMAGING

TWO SKIN TYPE
PREDICTION MODES

EIGHT SPECTRAL IMAGING

TWENTY-SIX TESTING
INDICATORS

CLOUD DATA STORAGE

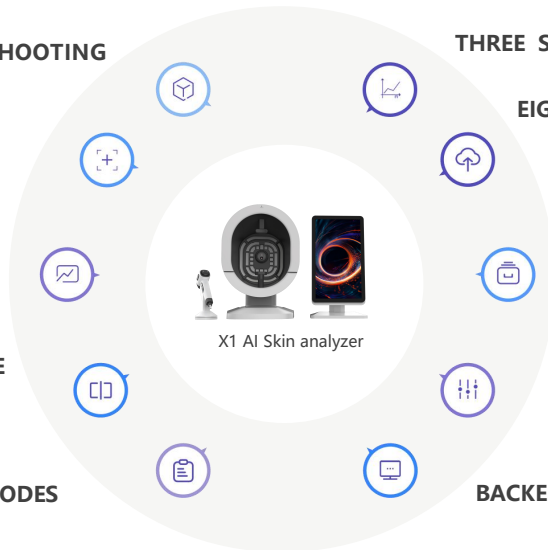
THREE COMPARATIVE
ANALYSIS MODES

CUSTOMER FILE
MANAGEMENT

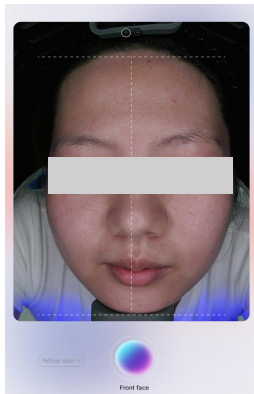
THREE REPORTING MODES

ADJUSTING SKIN
TEST RESULTS

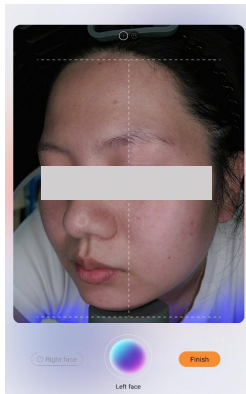
BACKEND SYSTEM MANAGEMENT



Four skin tones available



Front face

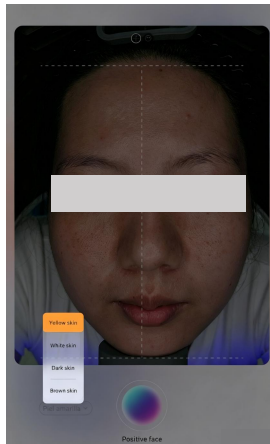


Left face



Right face

Four skin tones available



Yellow skin

White skin

Dark skin

Brown skin

【X1 AI Skin analyzer】

Lead technology create beauty

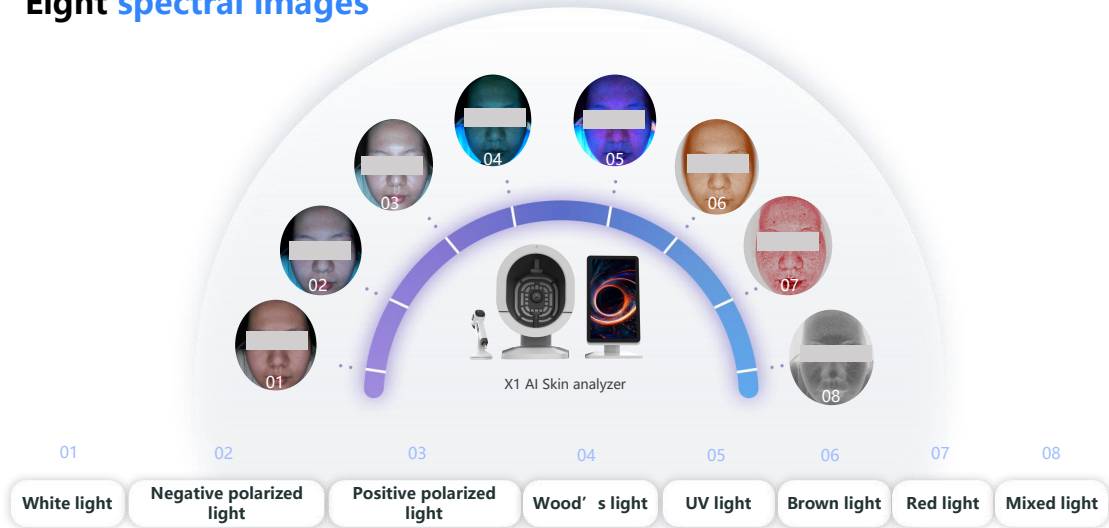


X1 AI SKIN ANALYZER

02

EIGHT
SPECTRAL
IMAGE
ANALYSIS

Eight spectral images



Eight spectral image analysis



White light

Image analysis

Visible spots and other blemishes on the skin surface (acne, spots, wrinkles, pores, etc.) under natural light sources, which are mainly used as the basis for other spectral image comparison.

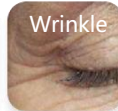
Acne



Dark spots



Wrinkle



Pore



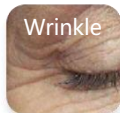
Eight spectral image analysis



Positive polarized light

Image analysis

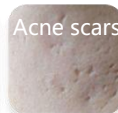
Positive polarized light can improve the clarity of superficial texture, magnify local details, so as to clearly observe the smoothness of skin, fine lines and wrinkles and bumps (wrinkles, pores, Acne scars, Acne, etc).



Wrinkle



Pore



Acne scars



Acne

Eight spectral image analysis

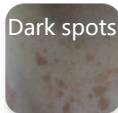


Negative polarized light

Image analysis

Using negative polarized technology to filter out the refracted light on the skin surface, so that you can clearly examine the light brown, tan, dark brown, light yellow or dark red skin lesions; It can distinguish the condition of capillaries, facial acne, uniformity skin and other skin problems.

Dark spots



Pigment



Acne



Eight spectral image analysis



Wood' s light

Image analysis

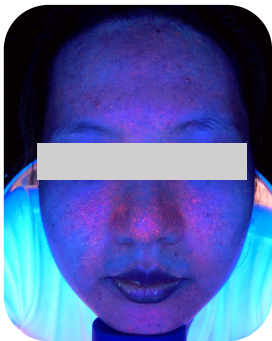
Wood' s light can detect deep pigments in dermis. The principle behind this is that melanin does not fluoresce after exposure to ultraviolet radiation, allowing melanin to stand out more clearly with stronger contrast.

Spots

Spots

Fluoresce-
nce

Eight spectral image analysis



UV light

Image analysis

Under UV light source, the content and distribution of the purple pigment bilirubin are displayed clearly through fluorescence, which can be used for the auxiliary diagnosis and efficacy observation of pigmentary dermatoses, pore issues, skin infections, and porphyria.



Porphyrin



Fluorescence

Eight spectral image analysis



Brown light

Image analysis

The position, area, shape, and severity of subcutaneous facial UV spots are processed by using RBX light source technology, which demonstrate skin damage from UV radiation and the accumulation of subcutaneous melanin.



Eight **spectral** image analysis

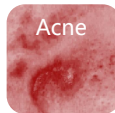


Red light

Image analysis

Used to analyze subcutaneous hemoglobin and inflammatory pigment deposition on the face, such as sensitivity, skin lesions, acne, erythema, etc.

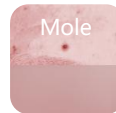
Acne



Blood
streak



Mole



Eight **spectral image analysis**



Mixed light

Image analysis

Skin texture roughness and collagen loss were revealed by polarizing analysis.

Rough
texture

Wrinkle



X1 AI SKIN ANALYZER

03

THIRTY-THREE
DETECTION
FUNCTIONS

Twenty-six testing indicators



Twenty-six testing indicators



Functional coverage

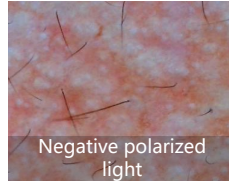
- Microscopic imaging of skin details presentation



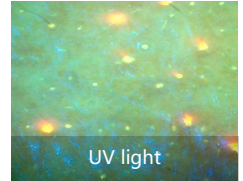
Handld skin microimager



White light



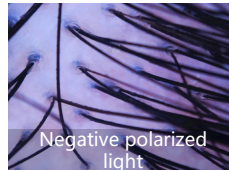
Negative polarized
light



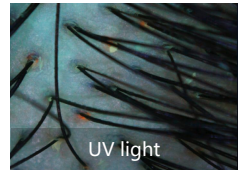
UV light



White light



Negative polarized
light



UV light

Multiple light source targeting analysis

Skin prediction



Nursing simulation

Deeply predict the future of the skin and awaken customers' desire for young skin.

According to the current skin condition of the customer, through the training of AI large model, simulate the skin condition after customer care and the aging situation of different age groups.

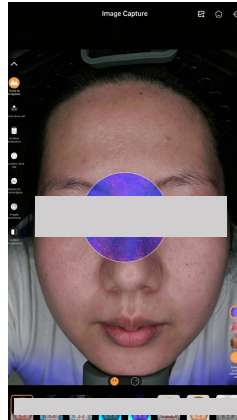
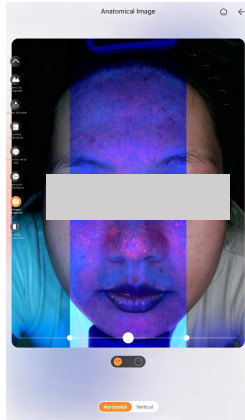


Aging simulation

35 Detection function- analysis diagram + skin substrate visualization

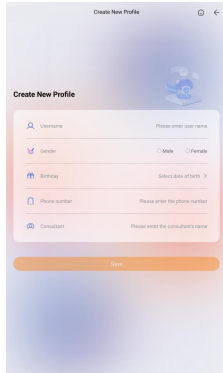
Analysis diagram

Through white light, negative polarized light and UV light source comparison, multi-dimensional, deep analysis of skin problems.

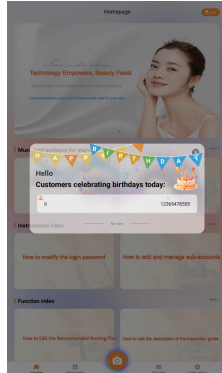


Click the bottom of the skin perspective button on the right to expand three icons: UV light image, hemoglobin image, and brown image. drag the perspective mirror freely to compare issues such as pigmentation, redness, and skin inflammation between the superficial and basal layers of the skin.

Birthday reminder function

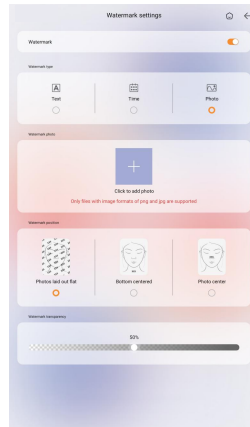
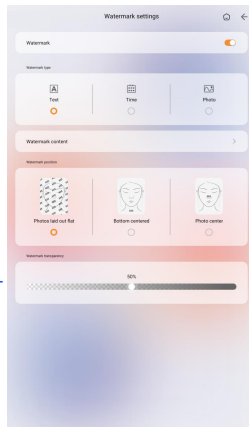
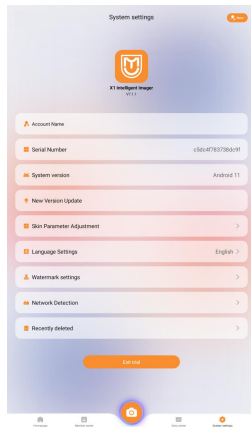


The 'Create New Profile' form is a vertical layout with a light blue background. It features a title bar at the top with a back arrow and a camera icon. Below the title bar is a large, faint image of a person's face. The form itself is a white box with rounded corners, containing several input fields: 'Username' (with a person icon), 'Gender' (with radio buttons for 'Male' and 'Female'), 'Birthday' (with a calendar icon), 'Phone number' (with a phone icon), and 'Consultant' (with a person icon). Each field has a placeholder text. At the bottom of the form is a large orange 'Save' button.



Automatically send out the list of customers whose birthdays are on that day, in order to enhance customer retention.

Watermark function



Customizable
text watermark,
image watermark

35 Detection function-moisture test report 1



Zoning moisture
detection

Multifunctional microscopic
detection hand tool



Skin water content score

The water content of the skin is sorted from high to low according to five levels and marked with color.



35 Detection function-moisture test report 2



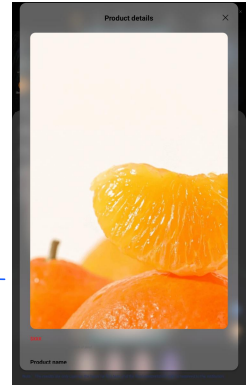
Skin science

Problem analysis

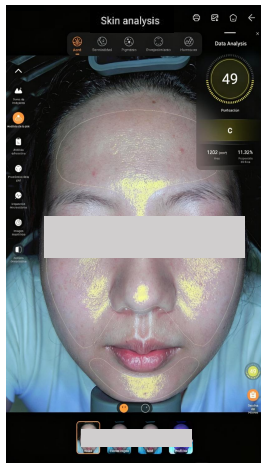
Daily skincare advice

Program recommendation

QR code on mobile phone

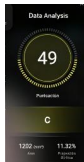


Three reporting modes-Single independent report



Introduction to
data analysis

Data score



Multidimensional
perspective

- 1.Score
- 2.Level
- 3.Number
- 4.Area
- 5.Percentage of area

Let consumers
accurately
understand their
skin problems

Accurately quantify
the underlying
effect and empower
doctors to treat

It is divided into 5 levels according to the skin condition from high to low and marked with different colours.

A Green B Blue C Yellow D Orange E Red



E

D

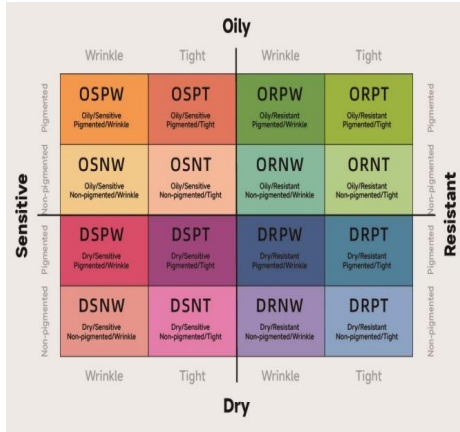
C

B

A

Multi-angle comprehensive image display

The classification of 16 skin types in baumann skin typing system



16Type	Explanation	16Type	Explanation
DSPT	Dry, Sensitive, Pigmented, Tight	OSPT	Oily, Sensitive, Pigmented, Tight
DSPW	Dry, Sensitive, Pigmented, Wrinkle	OSPW	Oily, Sensitive, Pigmented, Wrinkle
DSNT	Dry, Sensitive, Non - Pigmented, Tight	OSNT	Oily, Sensitive, Non - Pigmented, Tight
DSNW	Dry, Sensitive, Non - Pigmented, Wrinkle	OSNW	Oily, Sensitive, Non - Pigmented, Wrinkle
DRPT	Dry, Resistant, Pigmented, Tight	ORPT	Oily, Resistant, Pigmented, Tight
DRPW	Dry, Resistant, Pigmented, Wrinkle	ORPW	Oily, Resistant, Pigmented, Wrinkle
DRNT	Dry, Resistant, Non - Pigmented, Tight	ORNT	Oily, Resistant, Non - Pigmented, Tight
DRNW	Dry, Resistant, Non - Pigmented, Wrinkle	ORNW	Oily, Resistant, Non - Pigmented, Wrinkle

Three reporting modes-single independent report

Personal Information

Integrated analysis

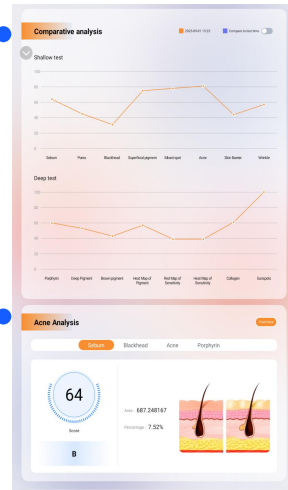
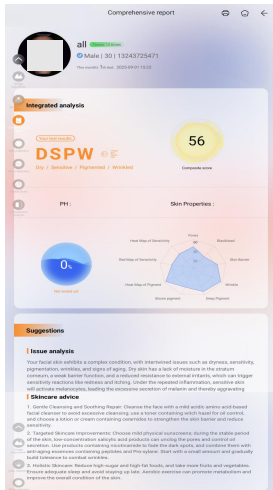
Among them, all individual indicators with a grade below C will be displayed in the form of a radar chart.

Suggestions

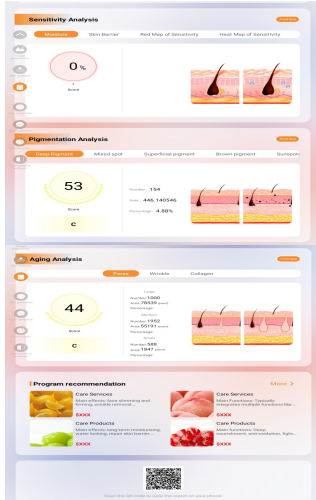
Comparative analysis

Only conduct a comparative analysis with the previous shooting results. If there is only one shooting, only the line chart of the current single indicator will be displayed.

Acne analysis



Three reporting modes-single independent report



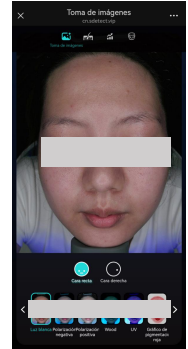
Superficial analysis

Pigmentation analysis

Aging analysis

Program recommendation

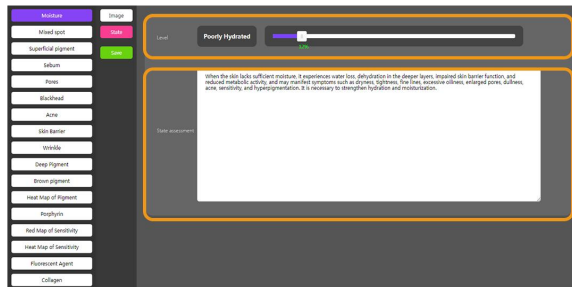
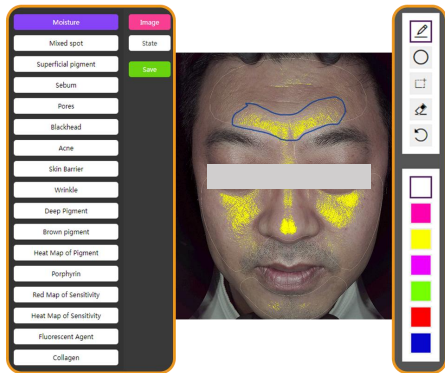
Download the report



H5 Mobile phone report

Scan the code on your mobile phone to get the report

35 Detection function- comprehensive analysis report 3



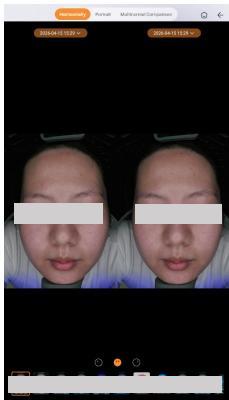
The background automatically selects the image to be edited for annotation

Customize any test results you want

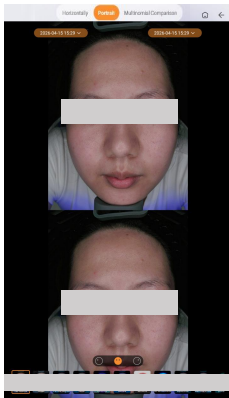
You can debug results for each indicator

Free copy editing

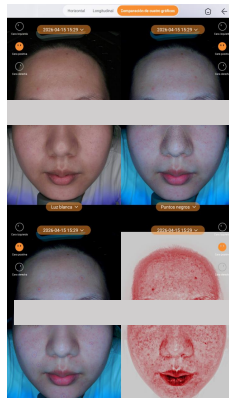
Three comparison modes



Horizontal comparison



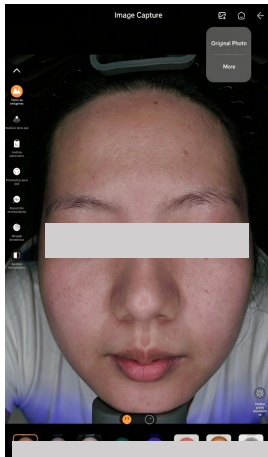
Vertical comparison



Multinomial contrast

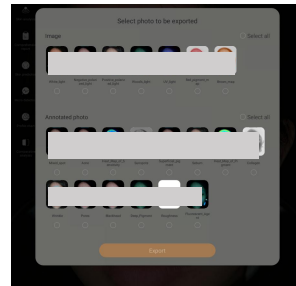
Analysis and comparison of multiple problem indicators in a single test

35 Detection function-Image export function

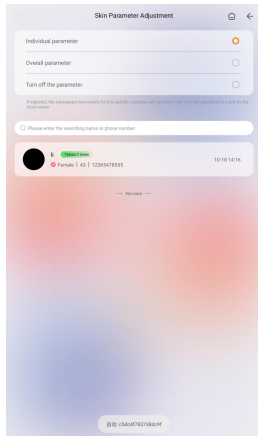


Export image

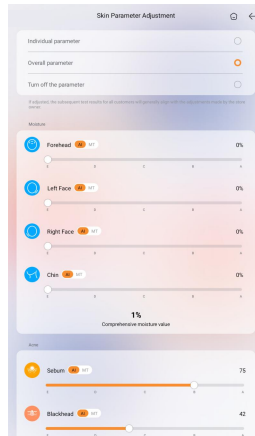
After the image is exported, it will be saved in the local file explorer.



Parameter adjustment



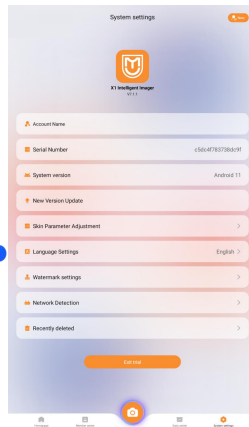
Parameter
adjustment



Data result
optimization
manual debugging

It can be adjusted as a whole

My device



Language
settings

Serial number

You can find the instrument problem through the background and solve it.

Data center

Statistics

The number of people entering the store in a month or a year can be displayed more intuitively through the line chart

Gender ratio

He men and women who enter the store can see the ratio of male and female women who enter the store through the data form more clearly and intuitively

Percentage of skin problems

In the form of data, the current population is divided into five levels with different colors to represent the data in each indicator

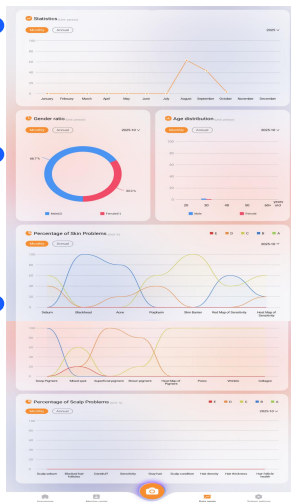
Available year

Age distribution

Through the age division of the number of people entering the store in the form of data.

Percentage of scalp problems

Divide the current population into five levels in the form of data, and represent the data of each indicator with different colors





X1 AI SKIN ANALYZER

04

THREE-
SPECTRUM
IMAGE
ANALYSIS

Free mode

The three spectral types are white light, negative polarized light, and UV light.



Detect based on any five parts of the scalp. The detection parts are: forehead, top of the head, left, right, and occiput area.

Scalp - single item report



Popular science knowledge

Problem analysis

Daily skincare advice

Program recommendation

Download the report



Scalp - single item report



32 types of scalp conditions

Suggestions

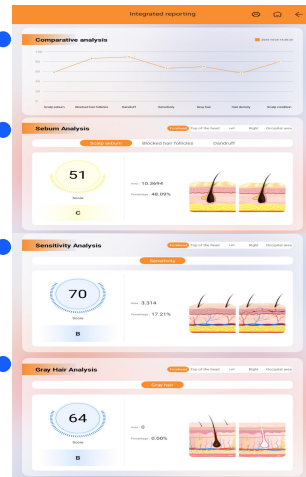
Comparative analysis

Scores of each individual test item

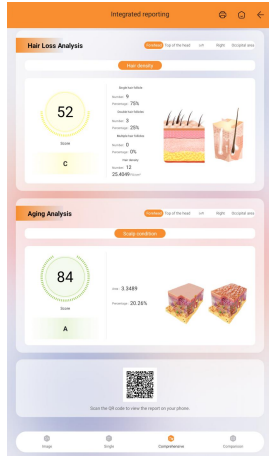
Sebum analysis

Sensitivity analysis

Gary hair analysis



Scalp - single item report

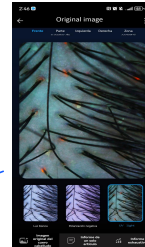


Hair loss analysis

Aging analysis

QR

Scan the QR code with your mobile phone to get the report

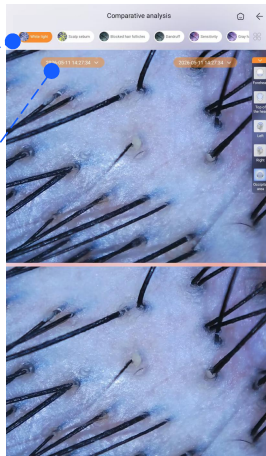


H5 mobile report

Comparison mode

You can select any single indicator for comparison.

Different time points can be selected for comparison.



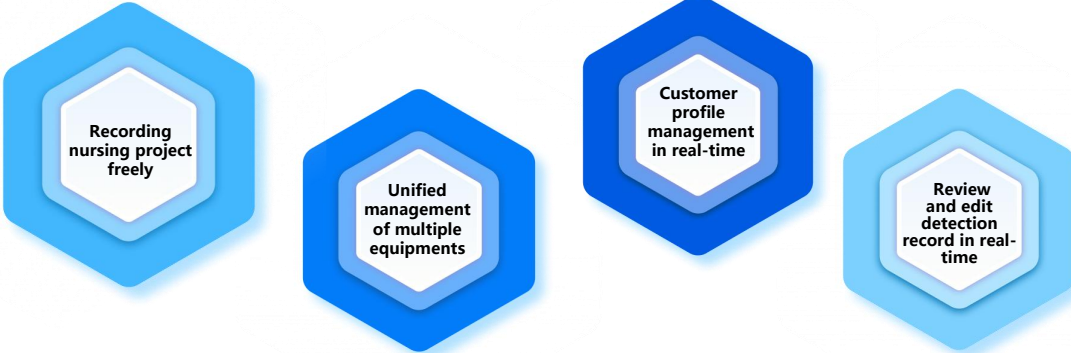


05

HARDWARE
PARAMETERS

X1 AI SKIN ANALYZER

Backend **management**



Recording
nursing project
freely

Unified
management
of multiple
equipments

Customer
profile
management
in real-time

Review
and edit
detection
record in real-
time

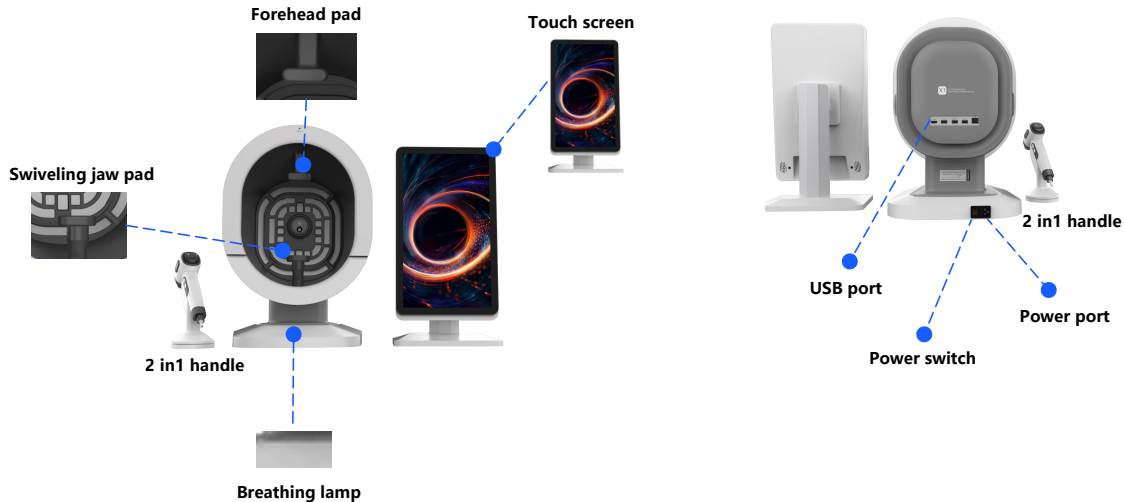
Hardware parameters

Parameter information

X1

Type number	X1
Image element	Industrial grade 36 million
Light spectrum	White light, positive polarization, negative polarization, Wu, UV, erythroid, brown, white,
Shading mode	Pull-down hood
Product material	Industrial grade ABS
Electric source	AC100-260V/50/60Hz
Product size	367 x 366 x 549 mm
Central processing unit	The RK3588 quad-core Cortex-A55 has a maximum frequency of 2.0GHz
Main plate	R10-56810 motherboard with Android11 system
Internal memory	Dual channel LP DO R4, 4G
Hard disk	MMCS_1, 32G
Mode of operation	Multipoint capacitive touch
Screen feature	Individual screen
WIFI	Built-in dual-band WIFI(2.4G, 5G)
HDMI	1 Pcs
USB	3 Pcs
Screen scale	16:9
Screen size	20.5 inches
Screen pixel	1920 * 1080
Net weight of instrument	Main unit: 7.1 KG, Independent screen: 5.6 KG
Packing weight	20 KG
Box size	610 * 530 * 650mm
Packaging material	Corrugated paper + pearl cotton
Other accessories	Multifunctional Micro-Inspection Handpiece, power cord

Hardware parameters



Product patent, test report, certification certificate display



Wecome to join us!