

K36 AI Intelligent skin tester

LEAD TECHNOLOGY CREATE BEAUTY

COMPREHENSIVE UPGRADE OF COLLECTION, IMAGING, DATA, AND EFFICIENCY

Catalogue

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COVER**

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AND CORE
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**ANALYSIS
AND
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**HARDWARE
SPECIFICAT
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K36 AI Intelligent skin tester

01

FUNCTIONS
COVER

K36 AI Intelligent skin tester

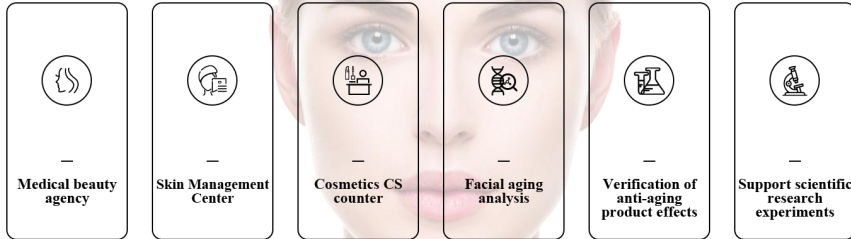
K36 AI Intelligent skin tester: With the aim of solving skin problems, it integrates eight spectral imaging technologies and simultaneously captures three fixed perspectives of the front, left and right sides of the face, achieving 270° coverage without blind spots. The professional and objective analysis of twenty skin issues on the face and flexible operation are the original intentions of the research and development. With just one click, it takes a photo and analyzes to generate a report, making the operation more convenient.



Function demo

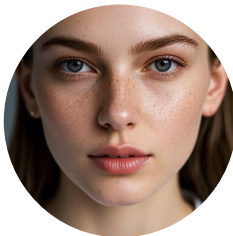


Adapt to the scene



Analysis of 5 major symptoms

30+ Detection dimensions



Product analysis



Sunscreen

3D Analysis



Stereoscopic analysis

Analysis of aging



Forehead lines



Dorsal nasal lines



Lines around the eyes



Crow's feet



Nasolabial folds



Drooping sensation



Jawline

Pigment analysis



Mole



Freckles



Acne marks



Spots



Sunspots



Brown Spot Image

Sensitive analysis



Acne



Redness



Rosacea



Skin Barrier

Skin quality analysis



Pores



Porphyrin



Wrinkle



Moisture



Skin color

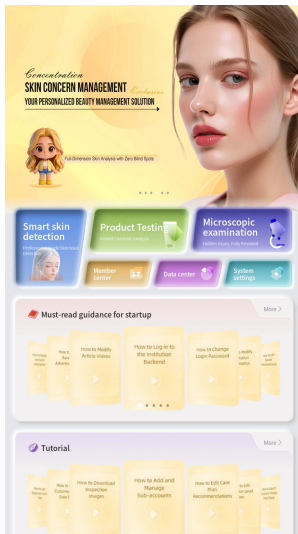
Home page

Smart skin detection

Product testing

Must-read guidance
for startup

Tutorial



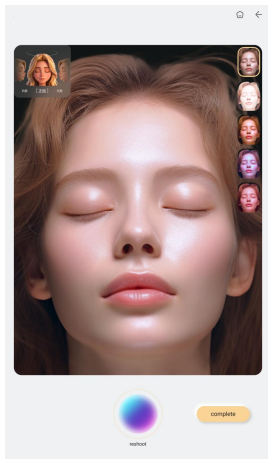
Microscopic examination

Member center

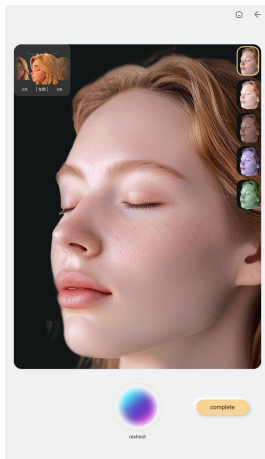
System settings

Data center

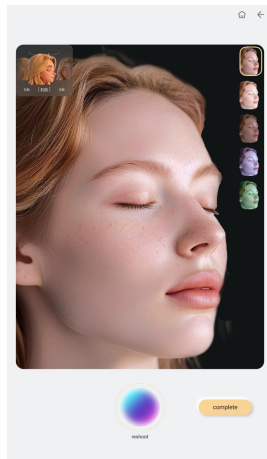
3D Panoramic view



Front face

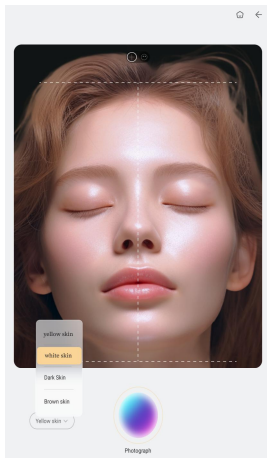


Left cheek



Right cheek

Industry pioneer - customized skin color testing



Yellow skin

White skin

Black skin

Brown skin

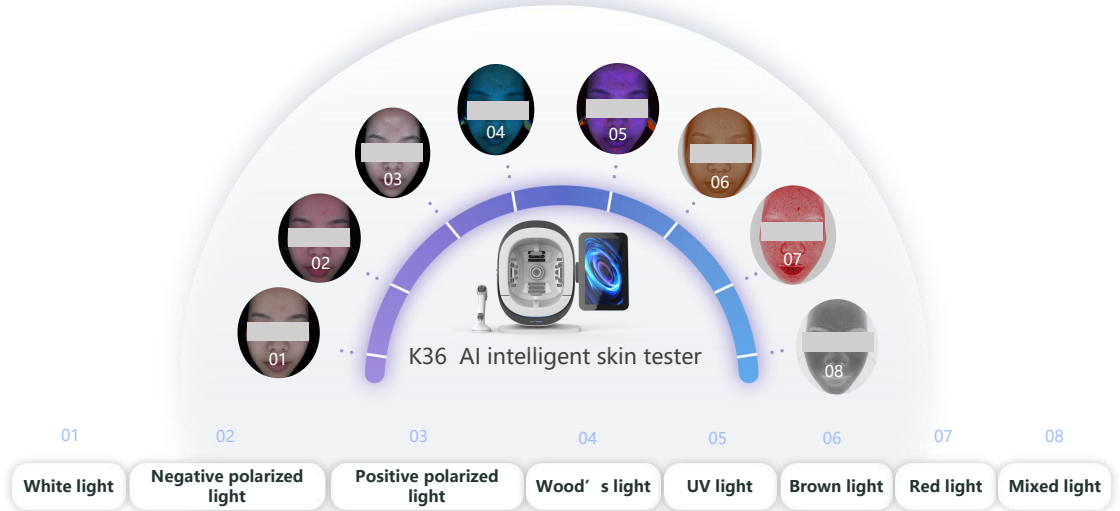


K36 AI Intelligent skin tester

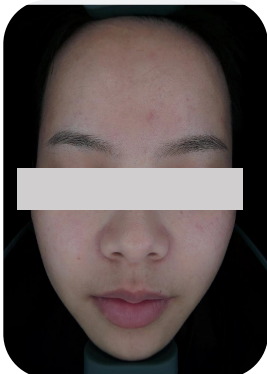
02

IMAGE
ANALYSIS
AND CORE
INDICATORS

•Eight spectral images



Eight spectral image analysis



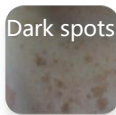
White light

THEORY

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

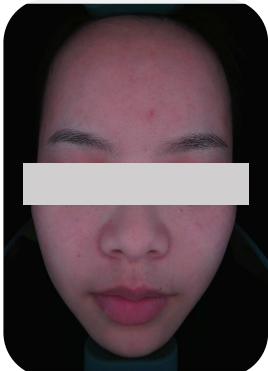


Wrinkle



Pore

Eight spectral image analysis



**Negative
polarized light**

THEORY

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



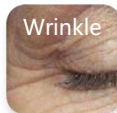
Eight spectral image analysis



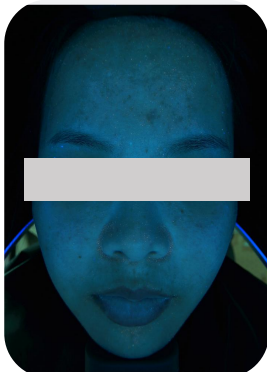
**Positive
polarized light**

THEORY

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).



Eight spectral image analysis



Wood' s light

THEORY

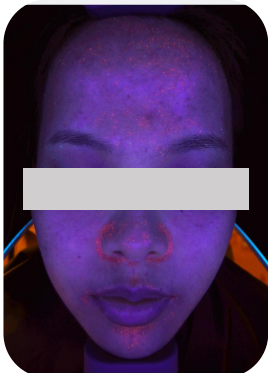
Wood' s light can detect deep pigments in dermis. The principle behind this is that melanin does not fluoresce after exposure to ultraviolet radiation, allowing melanin to stand out more clearly with stronger contrast.

Spots

Spots

Fluorescence

Eight spectral image analysis



UV light

THEORY

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.

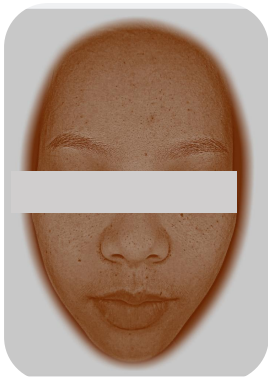


Porphyrin



Fluorescence

Eight spectral image analysis



Brown light

THEORY

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.



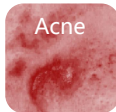
Eight spectral image analysis



Red light

THEORY

Using the RBX light source technology, it is applied for analyzing the subcutaneous hemoglobin on the face as well as inflammatory pigmentation (such as sensitive skin, lesions, acne, red blood vessels, etc, which are skin inflammatory conditions)



Eight spectral image analysis



Mixed light

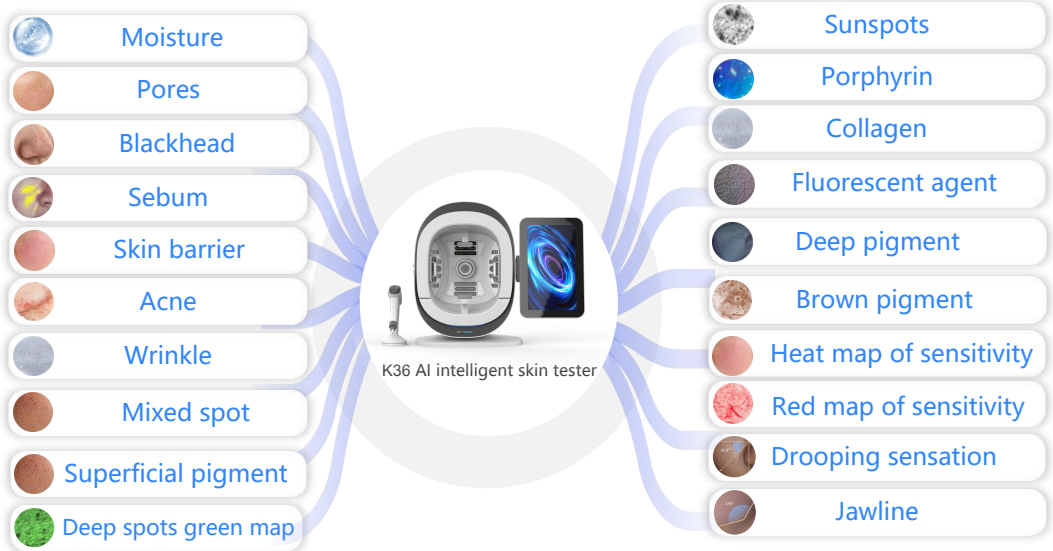
THEORY

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

Rough
texture

Wrinkle

Twenty testing indicators

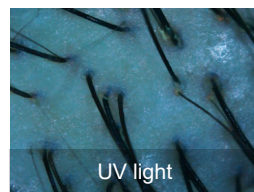
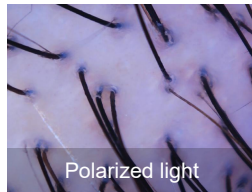
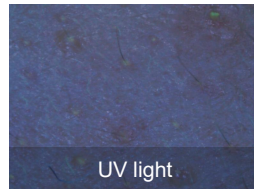
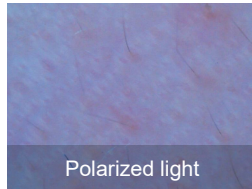


34 Detection Functions - **micro detection**

- Microscopic imaging of skin details presentation

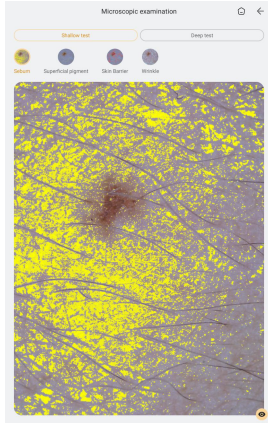


Handheld skin microimager

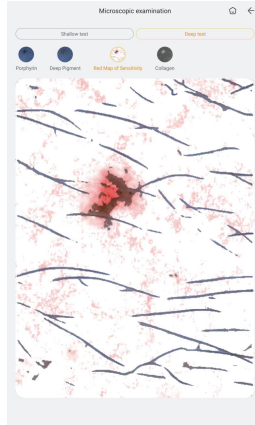


Multiple light source targeting analysis

Microscopic inspection - **eight skin details**



Skin surface test



In-depth test



Handheld skin microimager

**Multiple light
sources detect
skin problems**

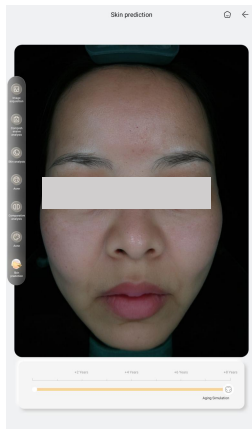
Microscopic detection - scalp details



Multiple light sources
detect skin problems

Handheld skin microimager

34 Detection Functions - skin prediction



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

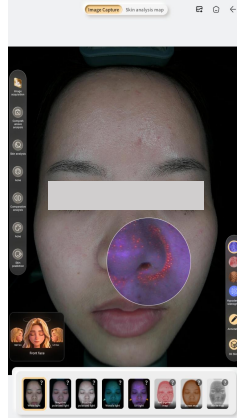
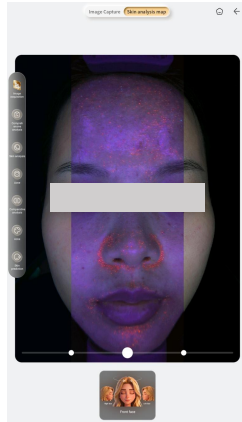
According to the current skin condition of the customer, through the training of AI large model, simulate the skin condition after customer care and the aging situation of different age groups.

**Aging
simulation**

34 Detection Functions-profile chart+muscle bottom perspective

Profile chart

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.

34 Detection Functions - birthday reminder function

Create New Profile

Create New Profile

Username Please enter user name

Gender Male Female

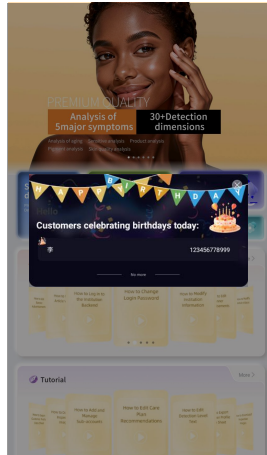
Birthday Select date of birth >

Phone number Please enter the phone number

Consultant Please enter the consultant's name

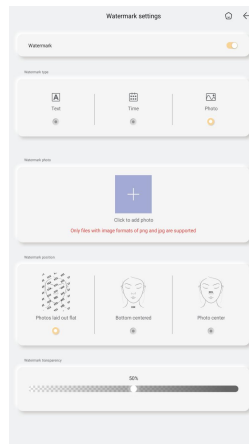
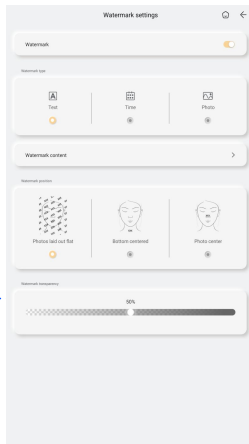
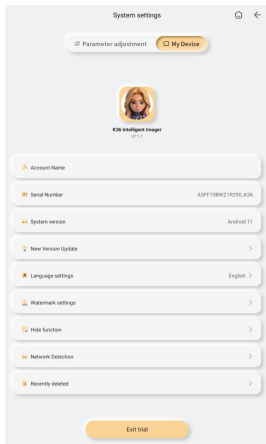
Skin Tone

Save



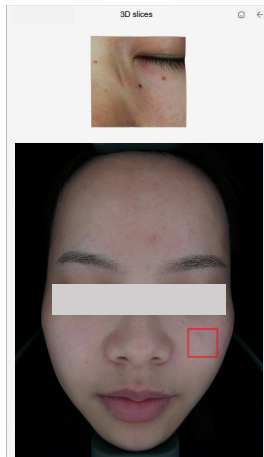
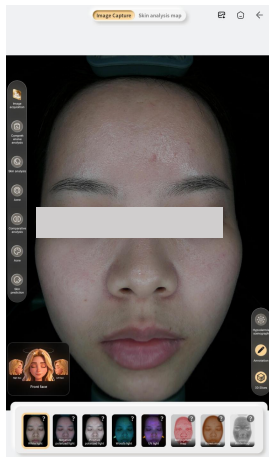
Automatically send out the list of customers whose birthdays are on that day, in order to enhance customer retention.

34 Detection Functions - watermark function



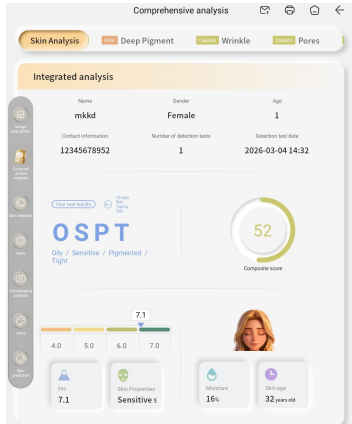
Customizable
text watermark,
image watermark

34 Detection Functions-3D slicing function



3D slicing is the core function of layered scanning, tomographic imaging, and data quantification of different layers of the skin (epidermis, superficial dermis, etc.), which can intuitively present the health status and problem distribution of the deep layers of the skin.

34 Detection Functions - skin age、Ph、 skin properties



Skin age

It is a quantitative indicator of the true aging status of the skin. By manually annotating samples of people aged 18 and above, and using AI models for deep learning and feature extraction, it accurately calculates skin age, identifies the root cause of "aging", and reflects the health of core anti-aging dimensions such as collagen, wrinkles, and pigments.

PH

Healthy skin is usually weakly acidic (pH 4.5–6.5), which helps maintain the skin barrier, lock in moisture, and inhibit bacteria. It helps determine: whether the skin is too acidic / too alkaline, whether the barrier is fragile, and whether it is prone to sensitivity, dryness, oiliness, redness, etc.

Skin properties

Intelligently identifies skin types and provides a scientific basis for daily skincare and product selection.

34 Detection Functions - product testing function



Slide the cursor left and right to compare the before and after effects of applying sunscreen.



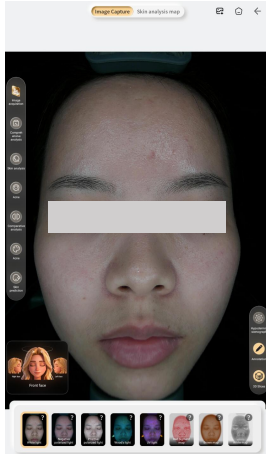
Science basics

Problem analysis

Care tips

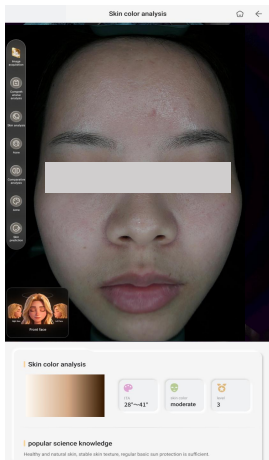
Program recommendation

34 Detection Functions - annotation pen



The annotation function uses tools to annotate visible skin issues (such as redness and spots) on images, visually displaying the condition and facilitating the explanation of skincare advice.

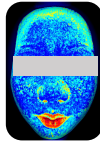
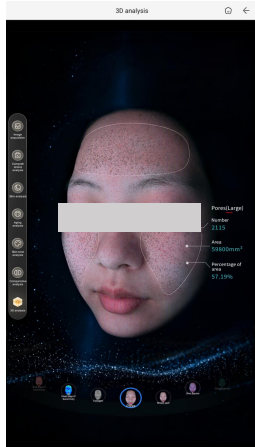
34 Detection Functions - skin color detection



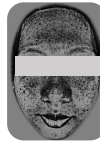
Equipped with the internationally recognized ITA skin tone scale, it accurately covers six major skin tone levels ranging from very light to deep black

level	ITA°scope	Brief description
Level 1 (Very Fair)	> 55°	A very fair, delicate skin tone requires daily sun protection to prevent photoaging.
Level 2 (Fair)	41°~55°	Consistent sun protection is recommended for fair skin tones that easily turn red when exposed to the sun.
Level 3 (Medium)	28°~41°	Basic daily sun protection is sufficient for healthy, natural skin tone with a stable condition.
Level 4 (Tanned)	10°~28°	Enhanced sun protection and brightening care are recommended for skin that tans easily with sun exposure.
Level 5 (Brown)	-30°~10°	A bronze, healthy skin tone is prone to hyperpigmentation.
Level 6 (Dark)	<-30°	A deep skin tone with active melanin production requires emphasis on moisturizing and maintaining skin balance.

34 Detection Functions - 3D Analysis



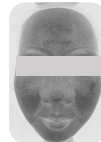
Heat Map of Sensitivity



Sunsports



Red Map of Sensitivity



Collagen

3D Stereo Analysis reconstructs the 3D facial skin contour. It supports nine core skin-detection metrics: mixed pigment, deep pigment, brown pigment, UV spot, red map of sensitivity, heat map of sensitivity, collagen, pores and skin barrier. It can quantitatively calculate pore count, actual area and area proportion, and intuitively display pore texture conditions with objective data to analyze pore-related issues from multiple dimensions.



K36 AI Intelligent skin tester

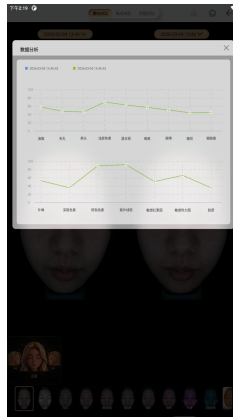
03

ANALYSIS
AND
REPORT

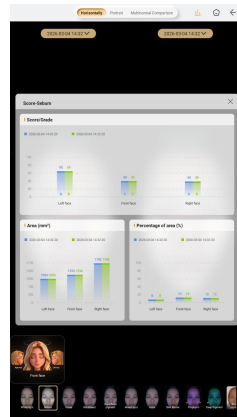
Comparison modes



Comparison
modes

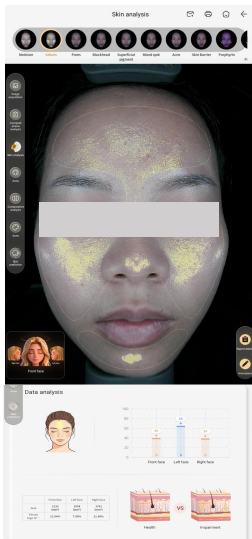


Data analysis



Data comparison

Three comparison modes - single independent report 1



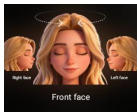
- 1.Score
- 2.Level
- 3.Quantity
- 4.Area
- 5.Proportion

Enable consumers to accurately understand their skin problems

Accurately quantify the underlying effects and empower doctors to treat

Divided into 5 levels from high to low according to skin condition and labeled with different colors:

A Green B Blue C Yellow D Orange E Red



Multidimensional perspective

Manual selection, comprehensive image display from multiple angles



The classification of 16 skin types in baumann skin typing system

Sensitive		Oily				Resistant					
		Wrinkle		Tight				Wrinkle		Tight	
		OSPW	OSPT	ORPW	ORPT						
		Oily/Sensitive Pigmented/Wrinkle	Oily/Sensitive Pigmented/Tight	Oily/Resistant Pigmented/Wrinkle	Oily/Resistant Pigmented/Tight						
		OSNW	OSNT	ORNW	ORNT						
		Oily/Sensitive Non-pigmented/Wrinkle	Oily/Sensitive Non-pigmented/Tight	Oily/Resistant Non-pigmented/Wrinkle	Oily/Resistant Non-pigmented/Tight						
Sensitive		Dry				Resistant					
		Wrinkle		Tight				Wrinkle		Tight	
		DSPW	DSPT	DRPW	DRPT						
		Dry/Sensitive Pigmented/Wrinkle	Dry/Sensitive Pigmented/Tight	Dry/Resistant Pigmented/Wrinkle	Dry/Resistant Pigmented/Tight						
		DSNW	DSNT	DRNW	DRPT						
		Dry/Sensitive Non-pigmented/Wrinkle	Dry/Sensitive Non-pigmented/Tight	Dry/Resistant Non-pigmented/Wrinkle	Dry/Resistant Non-pigmented/Tight						

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 - comprehensive analysis report 2



16-Type skin classification and comprehensive score

PH, skin properties, moisture, and skin age

The normal PH value of facial skin is concentrated between 4.5 and 6.5

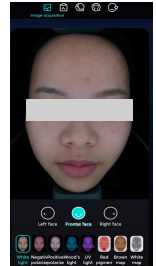
Skin properties: divided into dry skin, oily skin, normal skin, combination skin, and sensitive skin

Comprehensive suggestions

One-way analysis

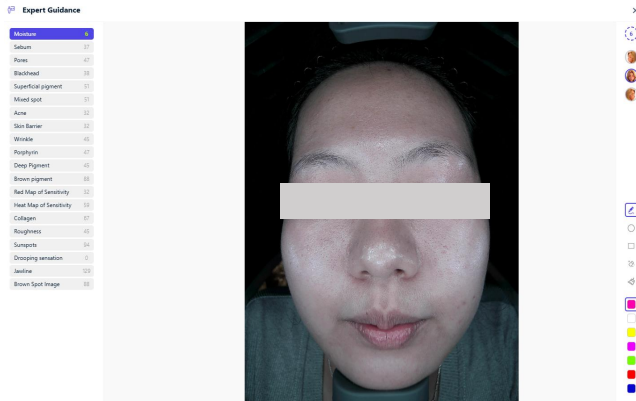
Solution recommendation

Scan the QR code



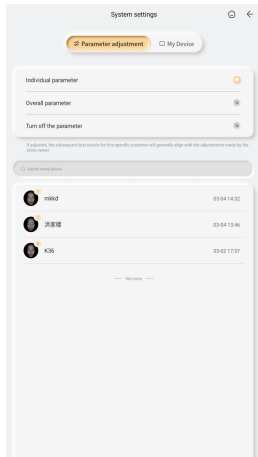
H5 Mobile phone report

Three reporting modes - comprehensive analysis report 3

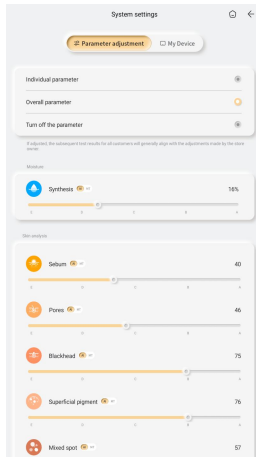


Select and annotate the
images you want to edit
in the backend.

Parameter adjustment



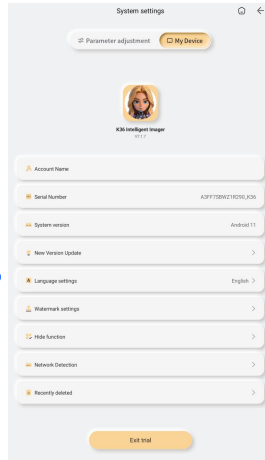
Parameter adjustment



Data result optimization manual debugging

It can be adjusted as a whole

My device



The language
can be adjusted

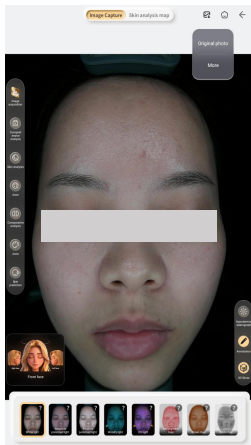
Serial number

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

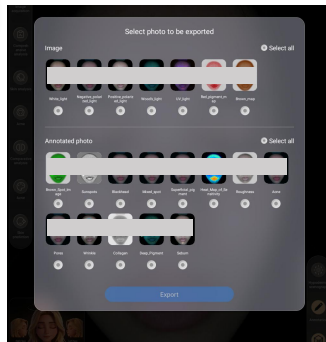
Hide function

You can turn on or off the skin prediction
and skin age functions by yourself.

Image export function



Export image



Multi image export

Data center

Choose the year and the month

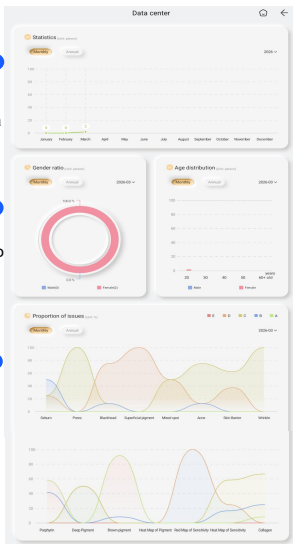
The number of people entering the store in a month or a year can be displayed more intuitively through the line chart

Ratio of men to women

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

Problem proportion

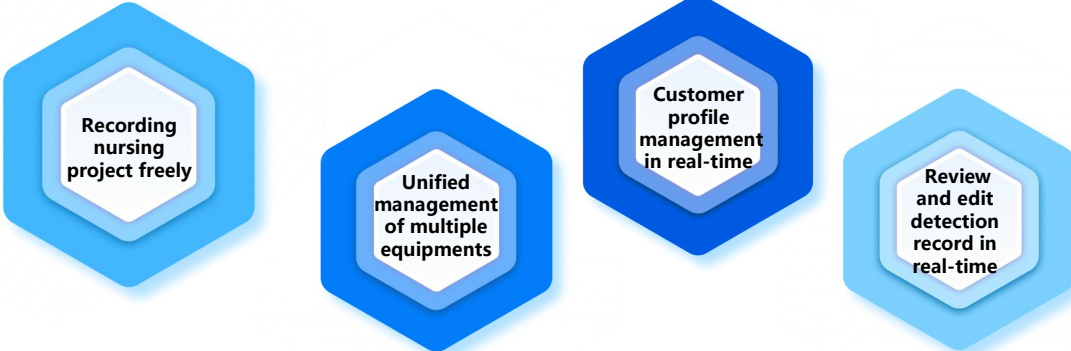
In the form of data, the current population is divided into five levels with different colors to represent the data in each indicator



Age distribution

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

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**



K36 AI Intelligent skin tester

04

HARDWARE
SPECIFICATIONS

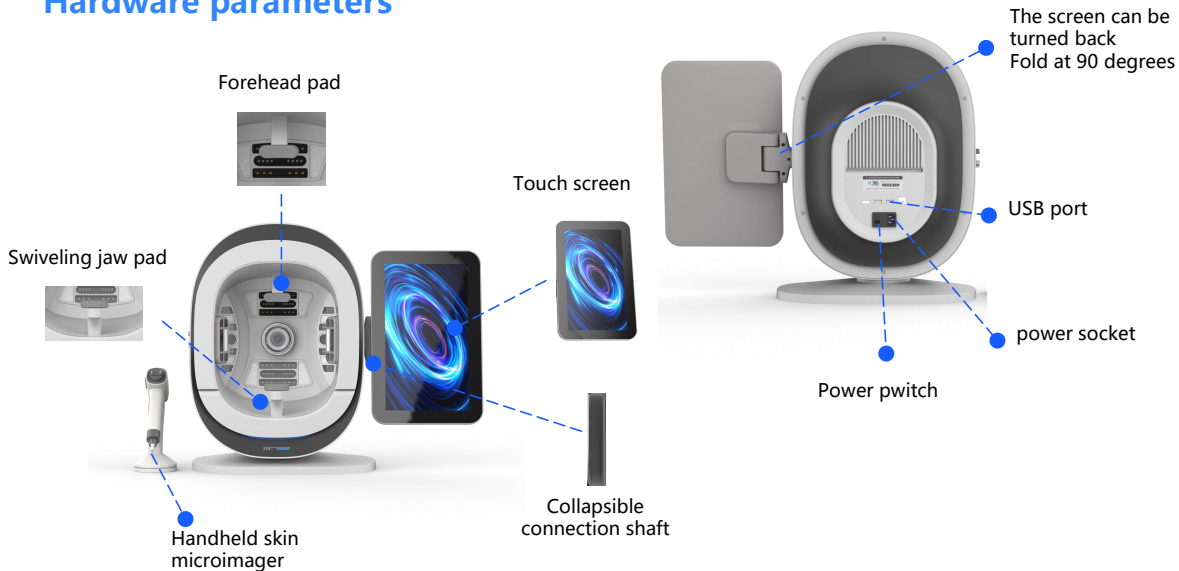
Parameters

Parameter information

K36

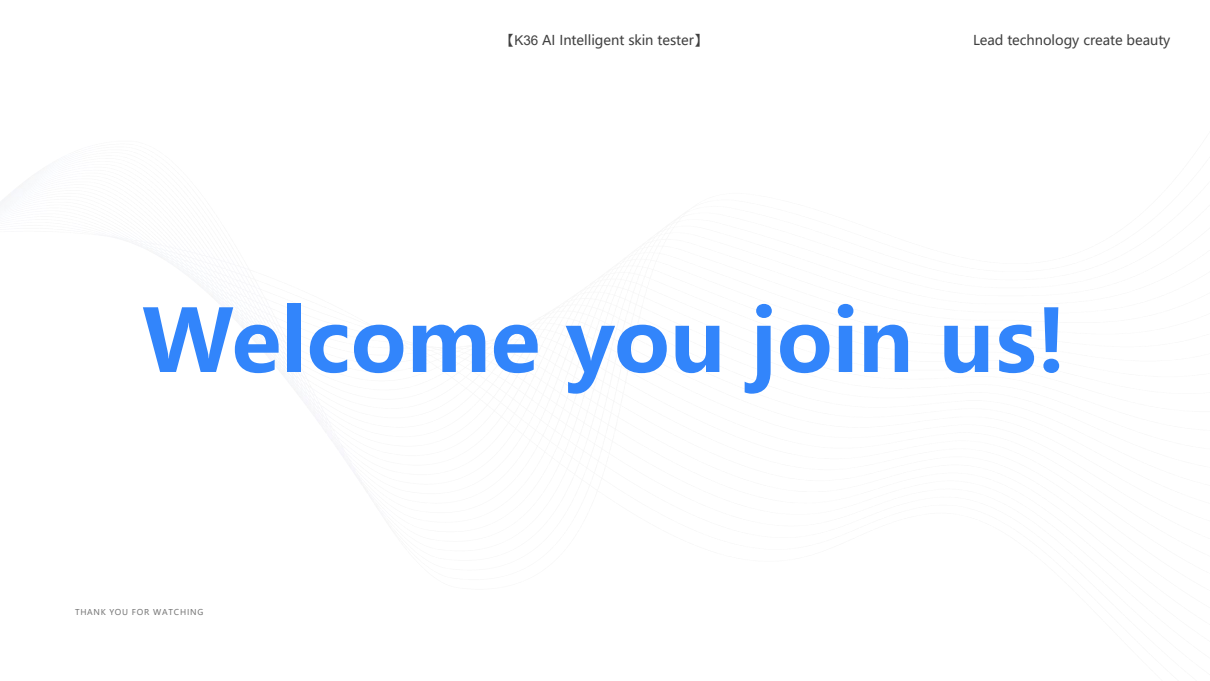
Type number	K36
Image element	Industrial grade 36 million
Light spectrum	White light, positive polarization, negative polarization, Wu, UV, erythroid, brown, white
Shading mode	Pull-down hood
Product material	Industrial grade ABS
Electric source	AC100-260V,50/60Hz
Product size	695 x 305 x 569mm (after folding: 516x 402 x 569mm)
Central processing unit	The RK3568 quad-core Cortex-A55 has a maximum frequency of 2.0GHz
Main plate	R10-S6810 motherboard with Android11 system
Internal memory	Dual channel LP DD R4, 4G
Hard disk	MMC5 .1, 32G
Mode of operation	Multipoint capacitive touch
Screen feature	It folds 90 degrees
WIFI	Built-in dual-band WIFI(2.4G, 5G)
HDMI	1 Pcs
USB	3 Pcs
Screen scale	16:9
Screen size	15.6 inches
Screen pixel	1920 * 1080
Net weight of instrument	11.4 KG
Packing weight	17.1 KG
Box size	665 * 600 * 530 MM
Packaging material	Corrugated paper + pearl cotton
Other accessories	Moisture detection handle, power cord

Hardware parameters



Display of product patents, testing reports, and certification certificates





Welcome you join us!