

K36 AI Intelligent skin tester

LEAD TECHNOLOGY CREATE BEAUTY

COMPREHENSIVE UPGRADE OF COLLECTION, IMAGING, DATA, AND EFFICIENCY

Catalogue

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ANALYSIS
AND CORE
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SPECIFICAT
IONS**



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

Analysis of aging



Forehead lines



Dorsal nasal lines



Lines around the eyes



Crow's feet



Nasolabial folds



Droop sensation



Jawline angle

Pigment analysis



Mole



Freckles



Acne marks



Spots



UV spot



Pigment green chart

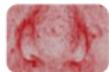
Sensitive analysis



Acne



Redness



Acne rosacea



Barrier

Skin quality analysis



Pores



Porphyrin



Wrinkle



Moisture



Skin color

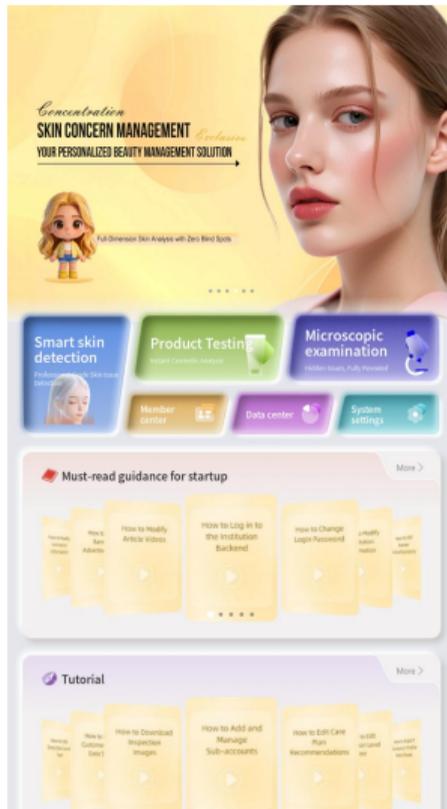
Home page

Smart skin detection

Product testing

Must-read guidance
for startup

Tutorial



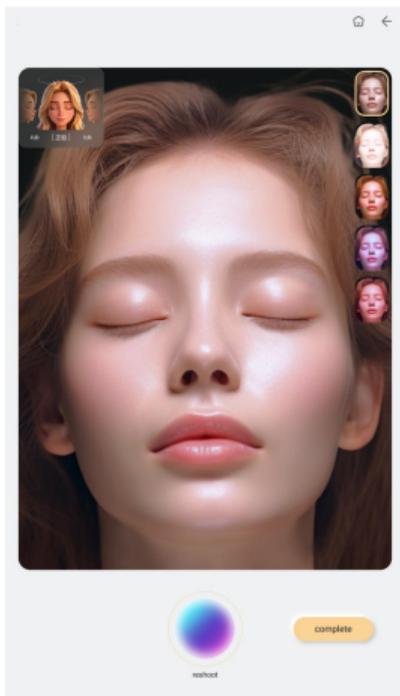
Microscopic examination

Member center

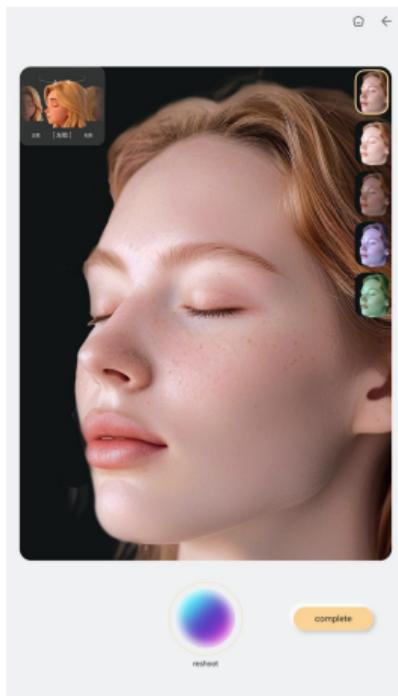
System settings

Data center

3D Panoramic view



Front face



Left cheek



Right cheek

Industry pioneer - **customized skin color testing**



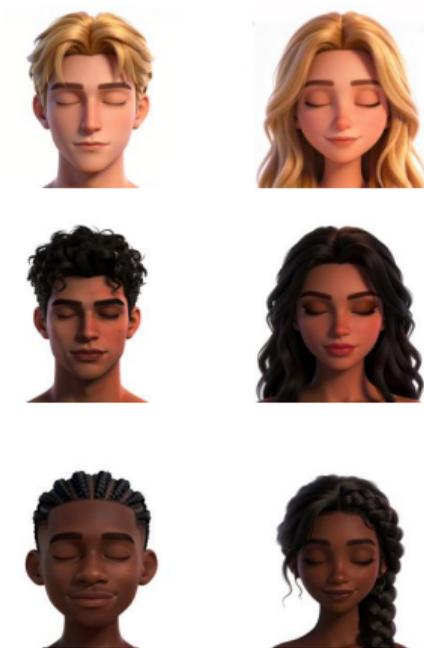
Yellow skin

White skin

Black skin

Brown skin

Industry pioneer - **customized skin color testing**



Multi dimensional perspective model display changes based on skin color selection

The industry's first skin color detection mode optimizes detection algorithms and evaluation dimensions based on the skin characteristics of different races and skin tones

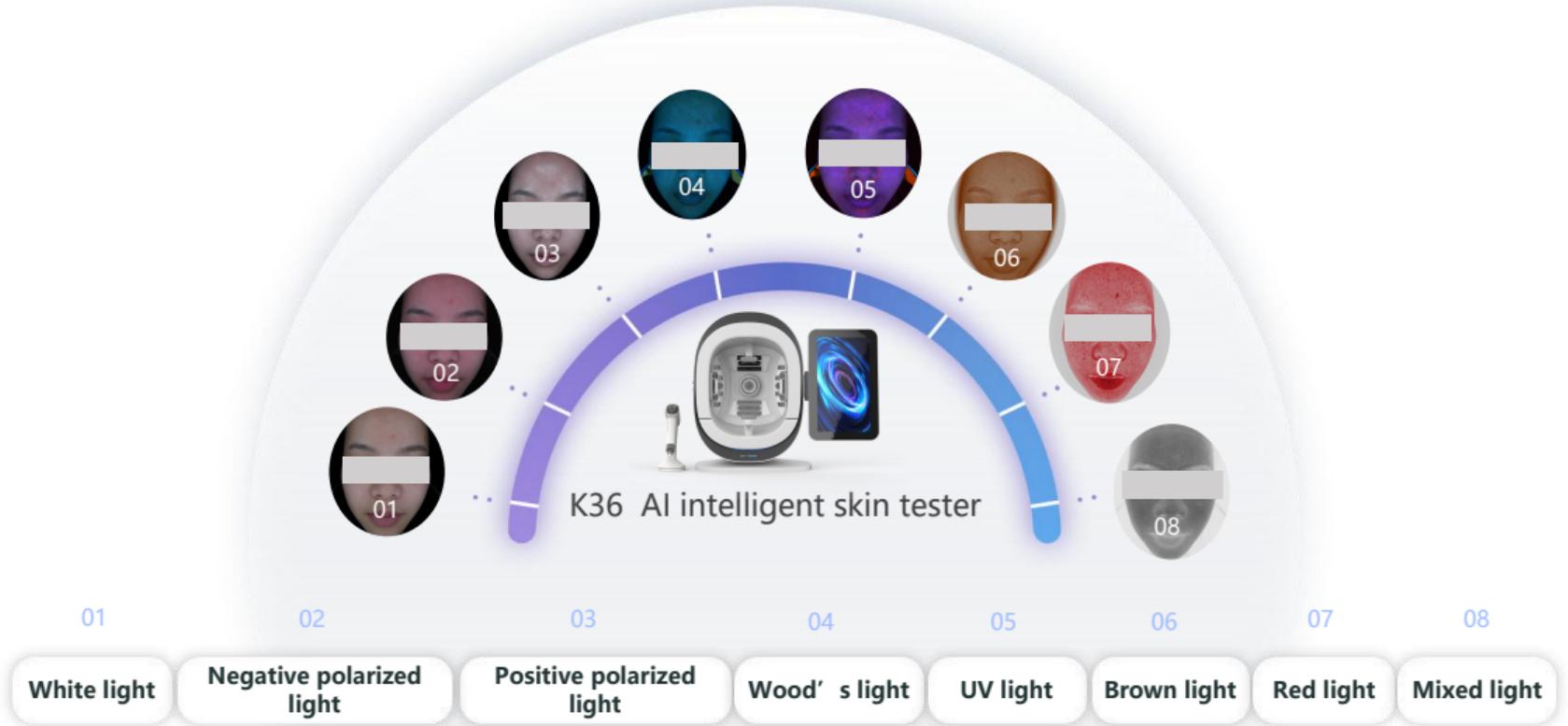


K36 AI Intelligent skin tester

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

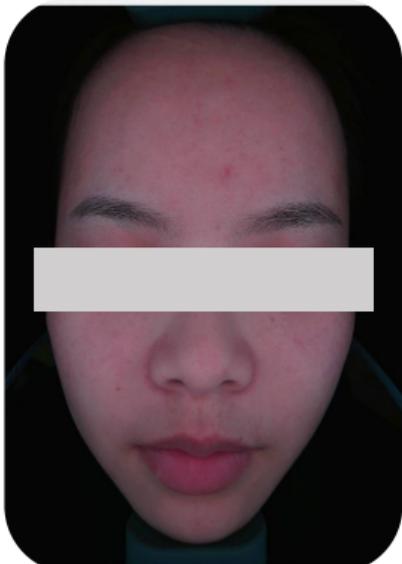


Wrinkle



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



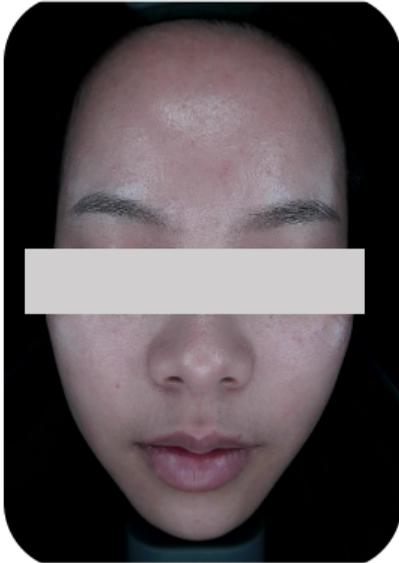
Pigment



Acne



Eight spectral image analysis



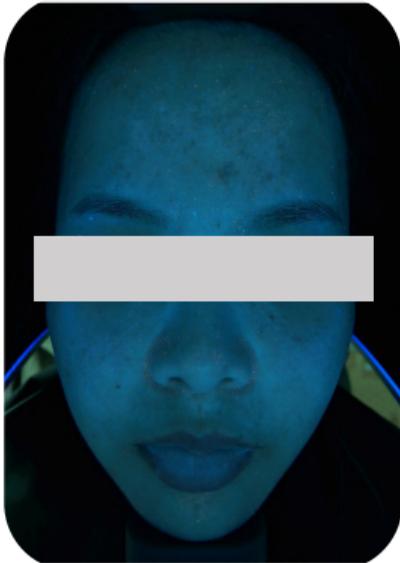
**Positive
polarized light**

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

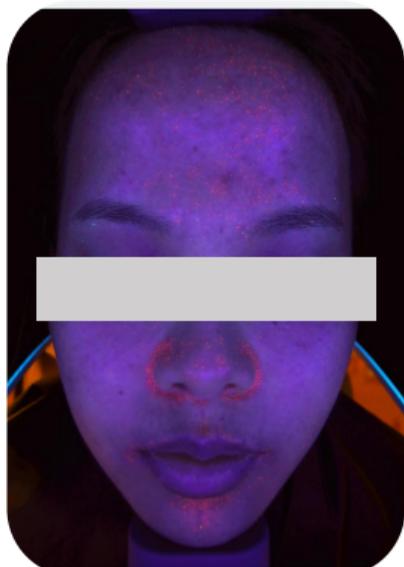
Wood' s light can detect deep pigments in dermis. The principle behind this is that melanin does not fluoresce after exposure to ultraviolet radiation, allowing melanin to stand out more clearly with stronger contrast.

Spots

Spots

Fluorescence

Eight spectral image analysis



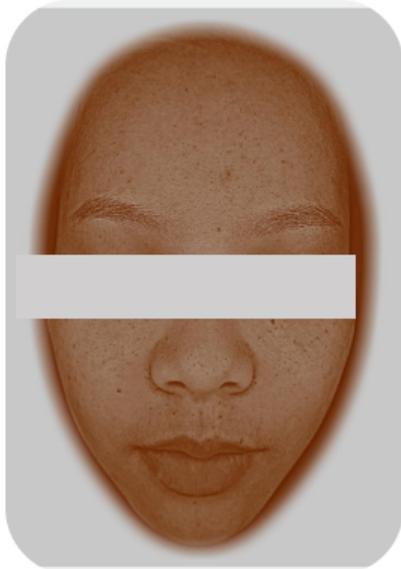
UV light

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.



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.



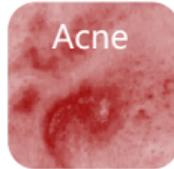
Eight spectral image analysis



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)



Acne



Blood
streak



Mole

Eight spectral image analysis



Mixed light

THEORY

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

Rough
texture

Wrinkle

Twenty testing indicators

-  Moisture
-  Pores
-  Blackhead
-  Sebum
-  Skin barrier
-  Acne
-  Wrinkle
-  Mixed spot
-  Superficial pigment
-  Deep spots green map



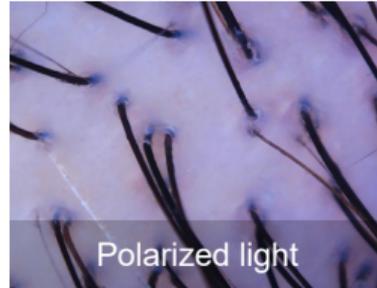
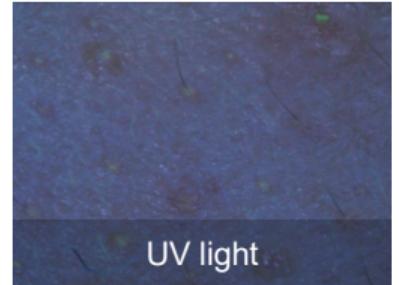
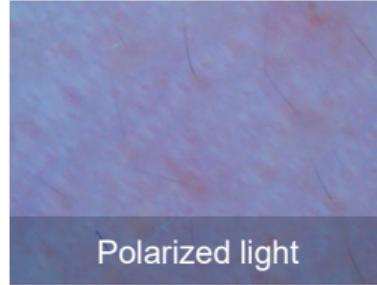
-  Sunspots
-  Porphyrin
-  Collagen
-  Fluorescent agent
-  Deep pigment
-  Brown pigment
-  Heat map of sensitivity
-  Red map of sensitivity
-  Drooping sensation
-  Jawline

Thirty three detection functions - **micro detection**

- Microscopic imaging of skin details presentation

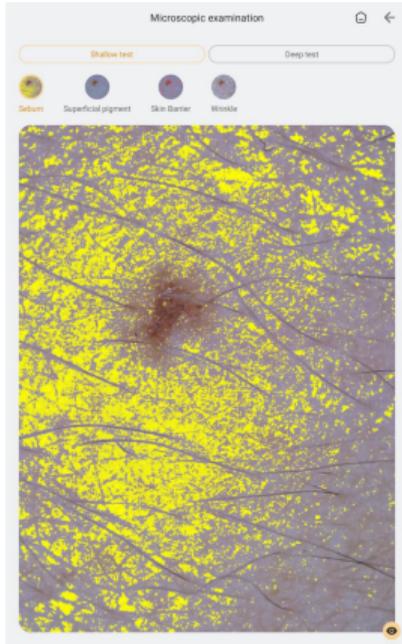


Handheld skin microimager

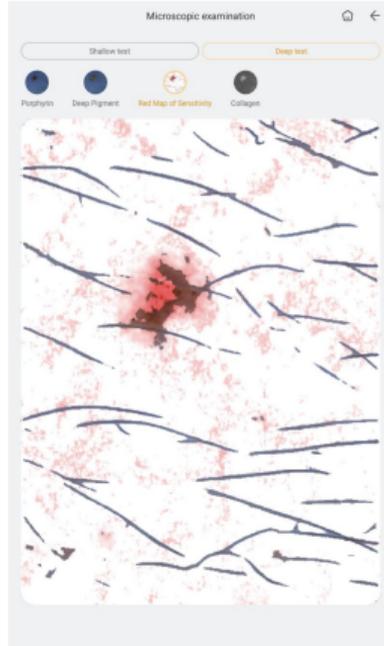


Multiple light source targeting analysis

Microscopic inspection - eight skin details



Skin surface test



In-depth test



Multiple light sources detect skin problems

Handheld skin microimager

Microscopic detection - scalp details



Multiple light sources
detect skin problems

Handheld skin microimager

Thirty three detection functions - skin prediction



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

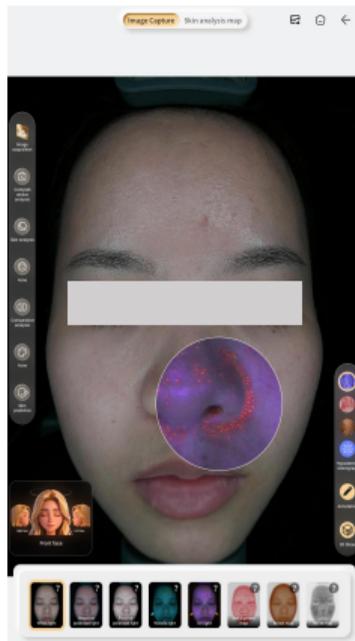
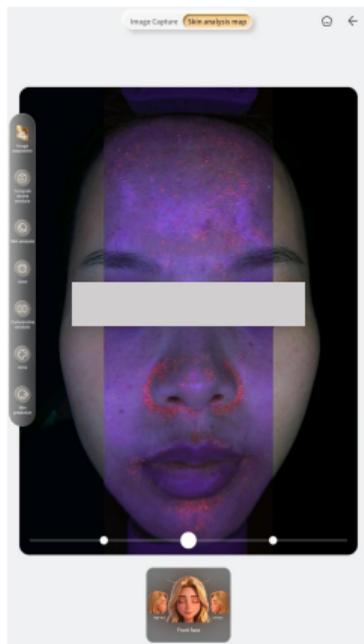
According to the current skin condition of the customer, through the training of AI large model, simulate the skin condition after customer care and the aging situation of different age groups.

**Aging
simulation**

Thirty three 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.



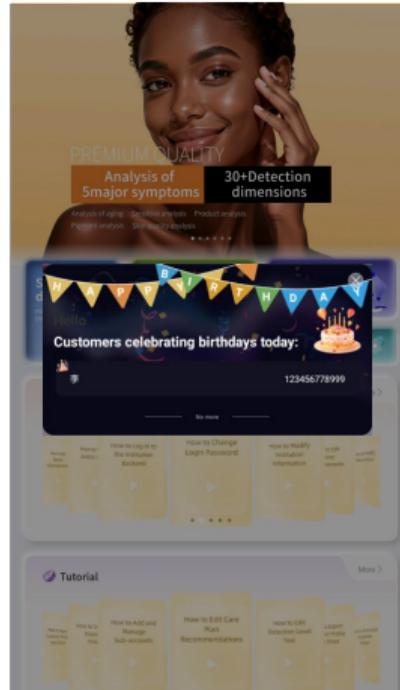
Click the bottom of the skin perspective button on the right to expand three icons: UV light image, hemoglobin image, and brown image. Drag the perspective mirror freely to compare issues such as pigmentation, redness, and skin inflammation between the superficial and basal layers of the skin.

Thirty three detection functions - birthday reminder function

The screenshot shows a 'Create New Profile' form with the following fields and options:

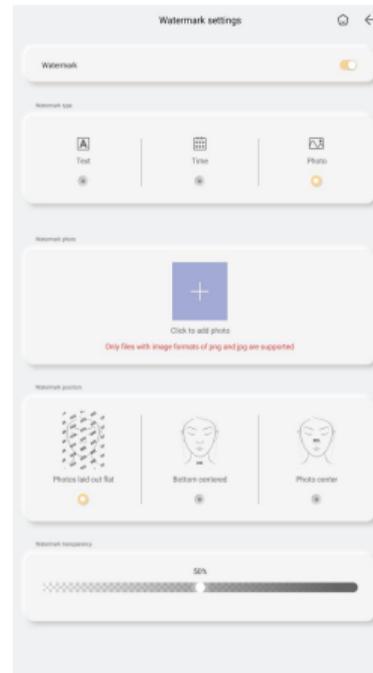
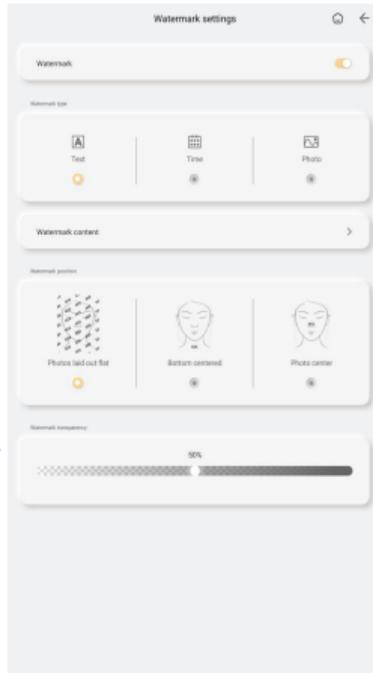
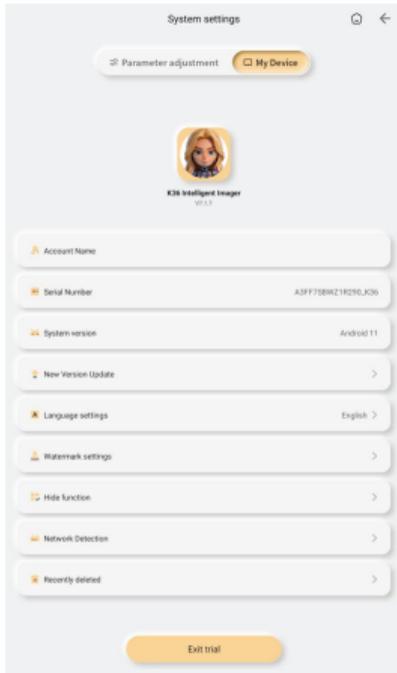
- Username:** Please enter user name
- Gender:** Male (selected) / Female
- Birthday:** Select date of birth >
- Phone number:** Please enter the phone number
- Consultant:** Please enter the consultant's name
- Skin Tone:** Four color swatches (lightest to darkest), with the second swatch selected.

A blue dashed line with a circular endpoint points from the 'Birthday' field to the right-hand image.



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

Thirty three detection functions - watermark function



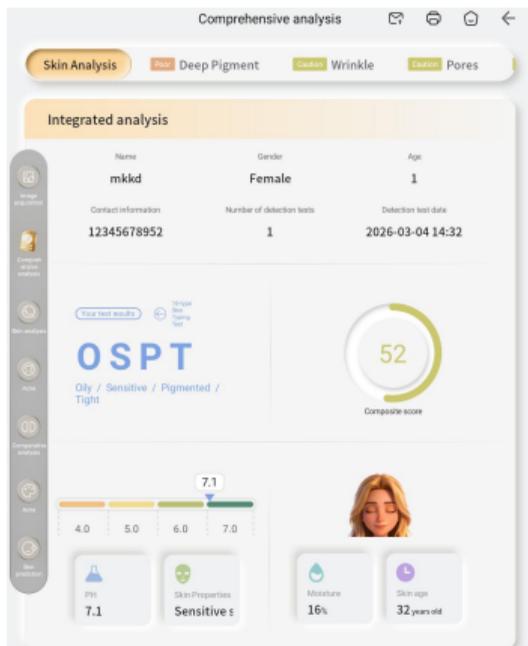
Customizable
text watermark,
image watermark

Thirty three 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.

Thirty three 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.

Thirty three detection functions - product testing function



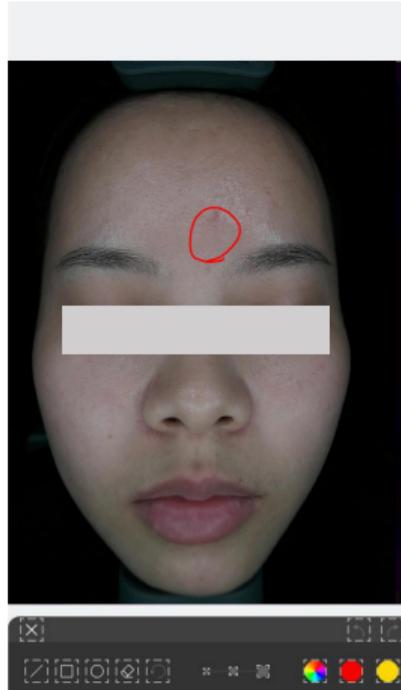
Science basics

Problem analysis

Care tips

Program recommendation

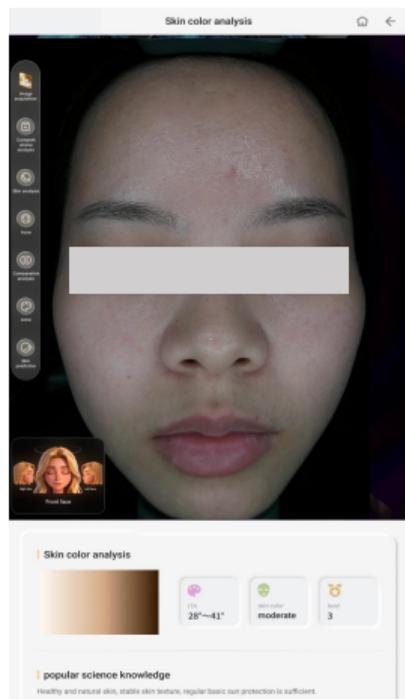
Thirty three detection functions - **annotation pen**



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.

Thirty three 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.



K36 AI Intelligent skin tester

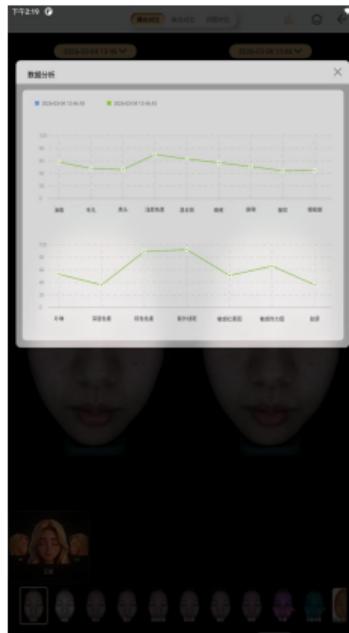
03

ANALYSIS
AND
REPORT

Comparison modes



Comparison modes



Data analysis



Data comparison

Three comparison modes - single independent report 1



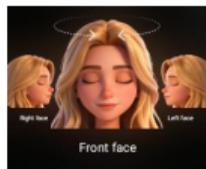
- 1.Score
- 2.Level
- 3.Quantity
- 4.Area
- 5.Proportion

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

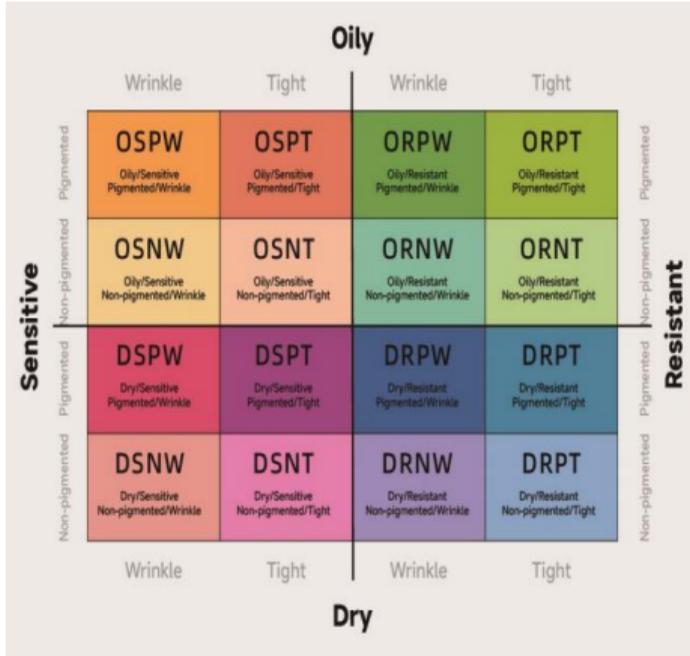


Multidimensional perspective

Manual selection, comprehensive image display from multiple angles



The classification of 16 skin types in baumann skin typing system



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

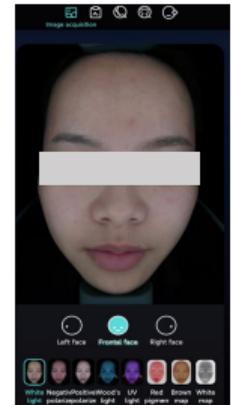
Skin properties: divided into dry skin, oily skin, normal skin, combination skin, and sensitive skin

Comprehensive suggestions

One-way analysis

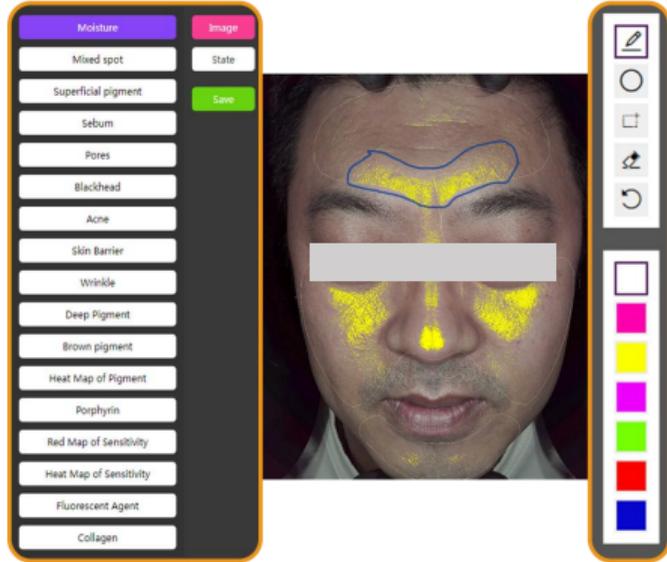
Solution recommendation

Scan the QR code



H5 Mobile phone report

Three reporting modes - comprehensive analysis report 3



The background automatically selects the image to be edited for annotation

Customize any test results you want

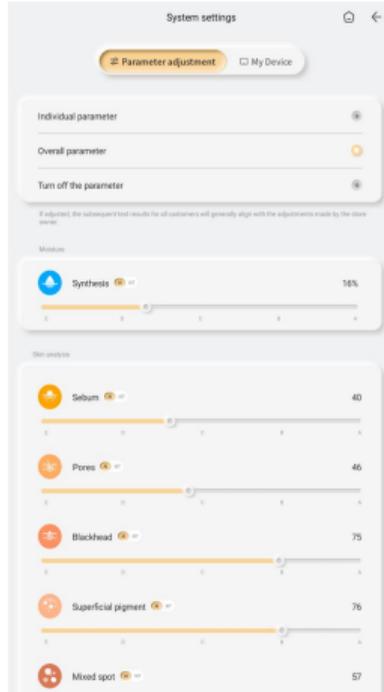
You can debug results for each indicator

Free copy editing

Parameter adjustment



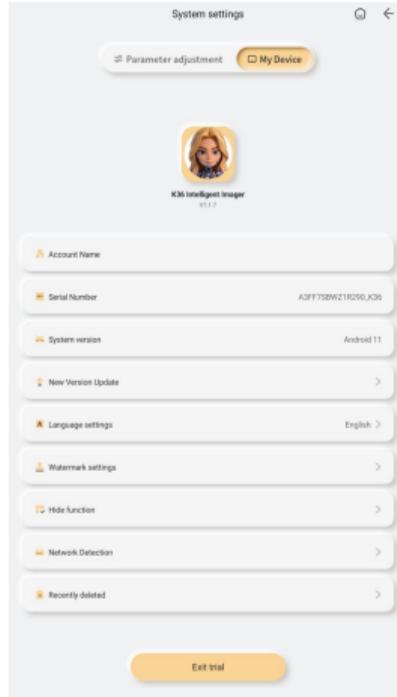
Parameter adjustment



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.

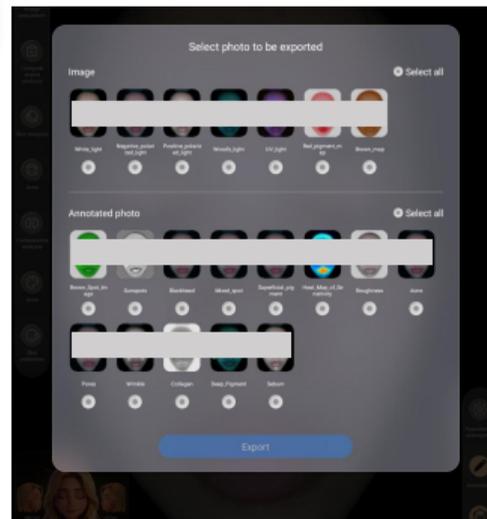
Hide function

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

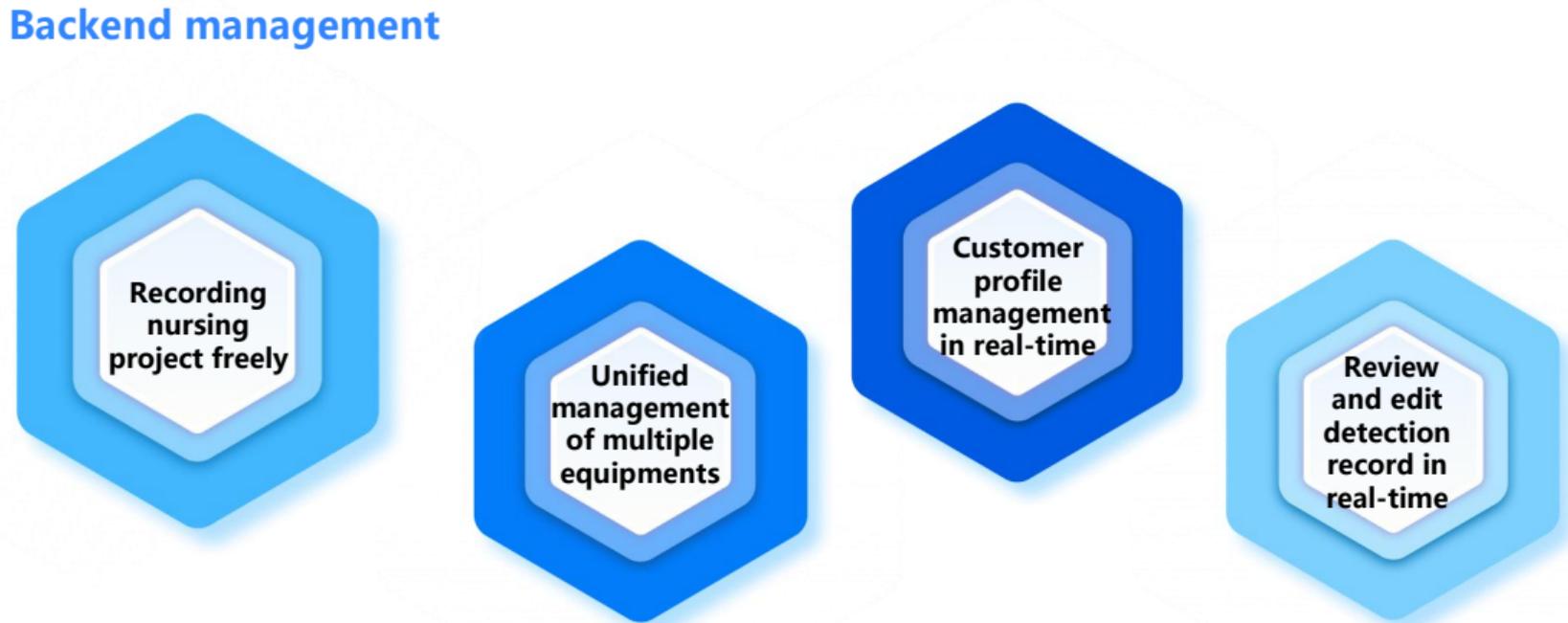
In the form of data, the current population is divided into five levels with different colors to represent the data in each indicator



Age distribution

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

Backend management



The diagram consists of four blue hexagonal icons arranged horizontally, each containing text. The icons are set against a background of faint, light blue hexagonal outlines. The text inside the icons is as follows:

**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**

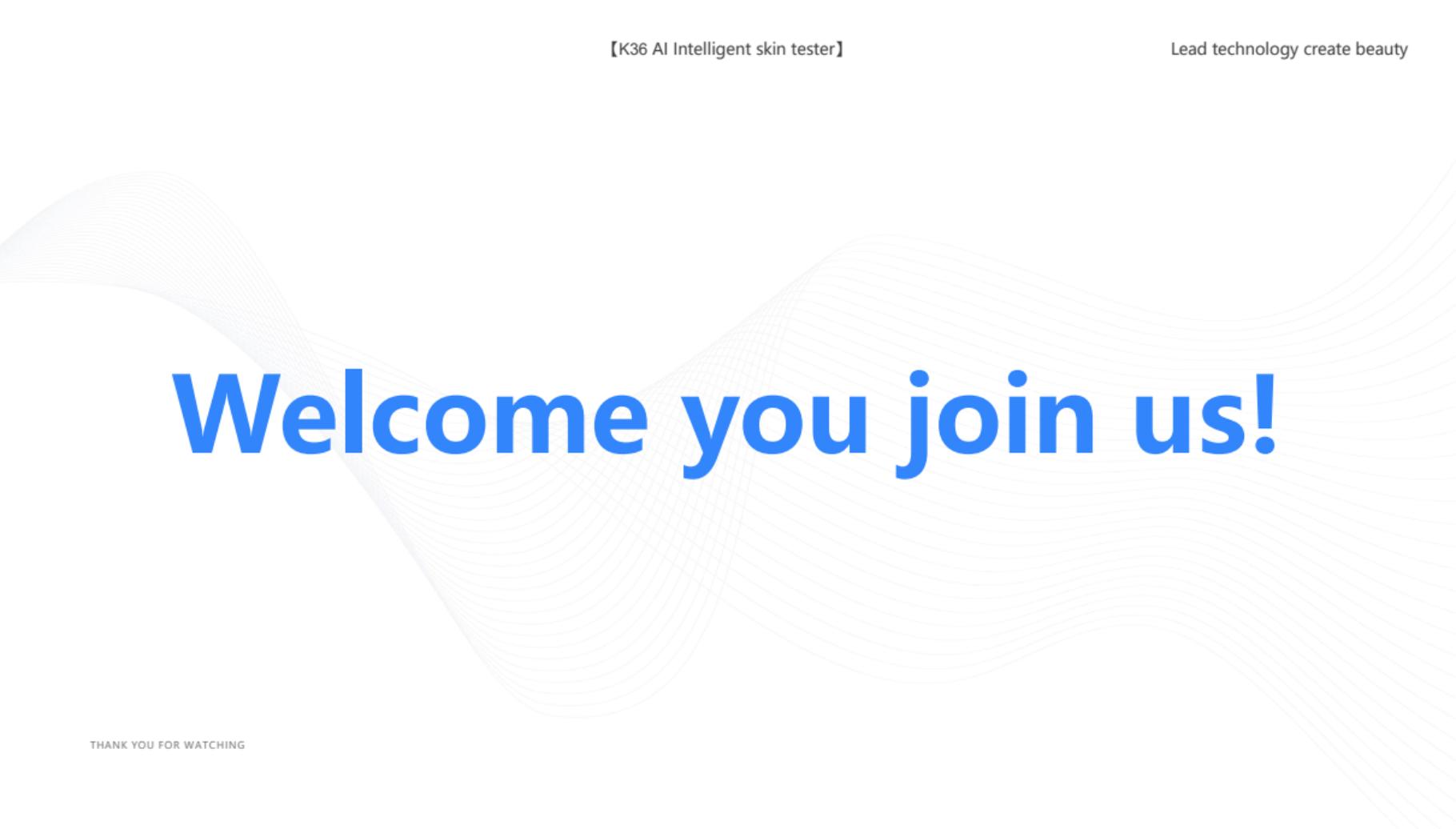
Type number	K36
Image element	Industrial grade 36 million
Light spectrum	White light, positive polarization, negative polarization, Wu, UV, erythroid, brown, white
Shading mode	Pull-down hood
Product material	Industrial grade ABS
Electric source	AC100-260V,50/60Hz
Product size	695 x 305 x 569mm (after 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!