

T8 AI Intelligent scalp analyzer

L e a d i n g t e c h n o l o g y c r e a t e s b e a u t y

Catalogue

01

**FUNCTIONS
COVER**

02

**IMAGE
ANALYSIS
AND CORE
INDICATORS**

03

**DETECTION
MODE AND
REPORT
ANALYSIS**

04

**HARDWARE
SPECIFICATI
ONS**



T8 AI Intelligent scalp analyzer

01

**FUNCTIONS
COVER**



T8 AI Intelligent scalp analyzer

T8 AI Intelligent scalp device: With the aim of solving scalp problems as the research and development orientation, it integrates three spectral imaging technologies, utilizes high-definition lenses and light sources, and combines AI artificial intelligence algorithms and image processing capabilities to transform the microscopic conditions of the scalp into visual images. The collected images are then analyzed. The professional and objective analysis of the scalp's seventeen issues and flexible operation are the original intentions of the research and development. It conducts comprehensive detection of five key areas including the forehead, left and right sides, top of the head, and the back of the head to comprehensively assess the health of hair follicles, sebum secretion, inflammatory conditions, scalp barrier function, and potential hair loss risks, thereby fully grasping the true state of the scalp.

Applicable scenarios



Beauty salon



Hair salon

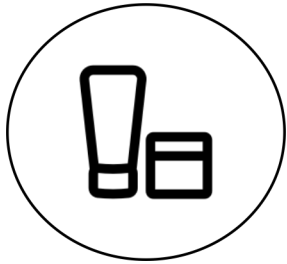


Hair transplant
clinic

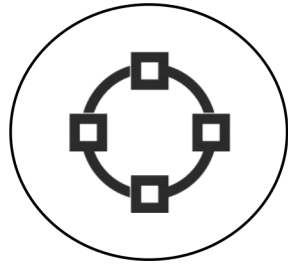


For household
use

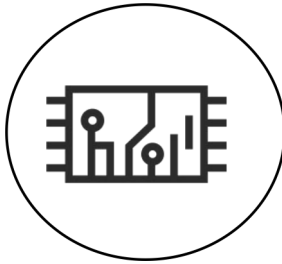
Technical advantages



Product
recommendation



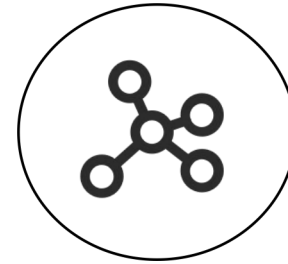
Three-spectrum
detection



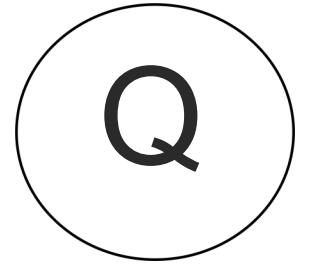
AI
algorithm



Hair follicle
detection



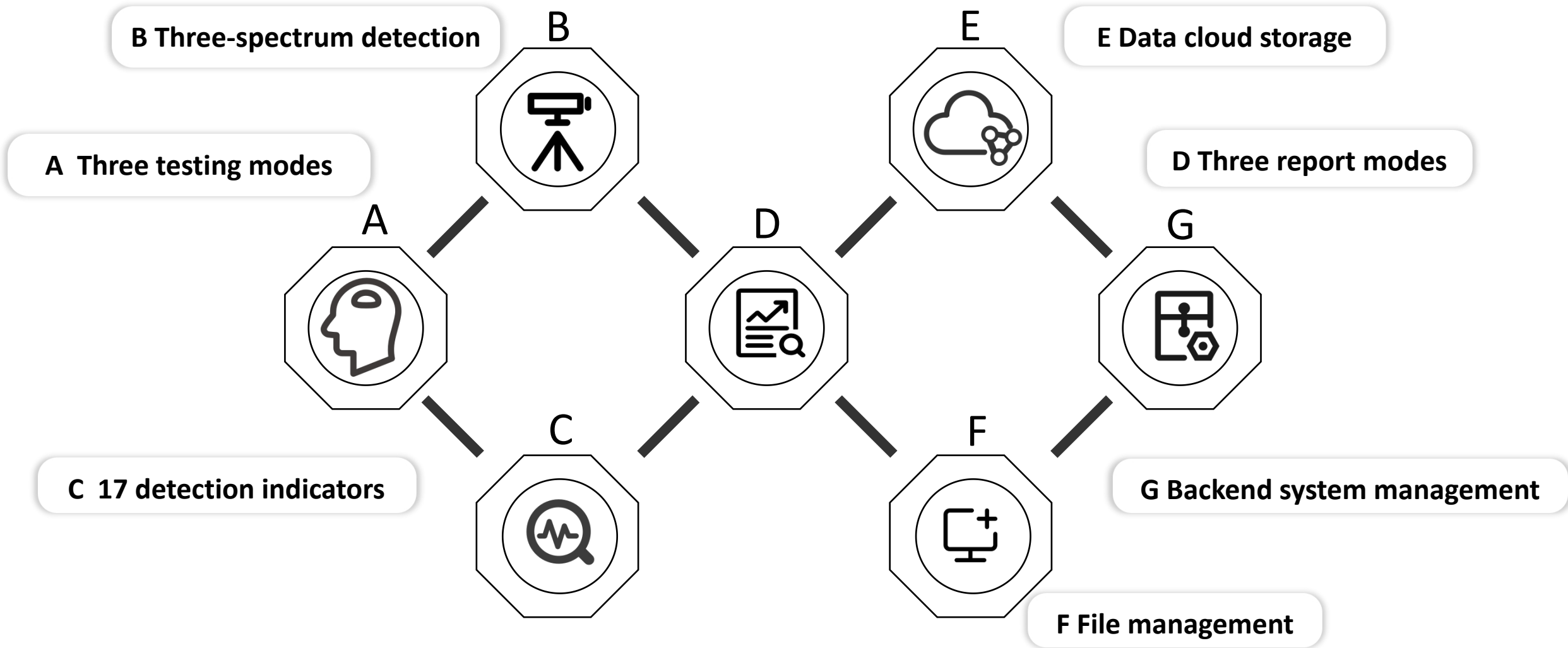
Seventeen dimensional
indicators



200x/50x
magnification

Functional coverage

【T8 AI Intelligent scalp analyzer】





T8 AI Intelligent scalp analyzer

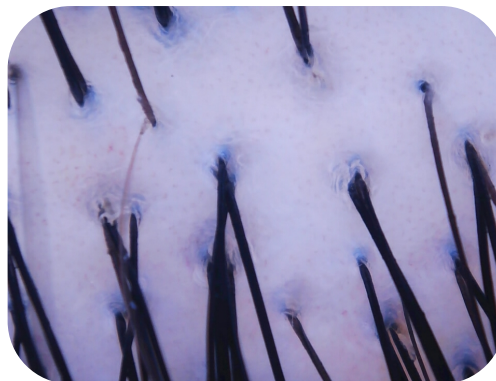
02

IMAGE
ANALYSIS
AND CORE
INDICATORS

Three-spectrum **detection**



White light



Negative
polarization light



UV light

Three-spectrum **detection**

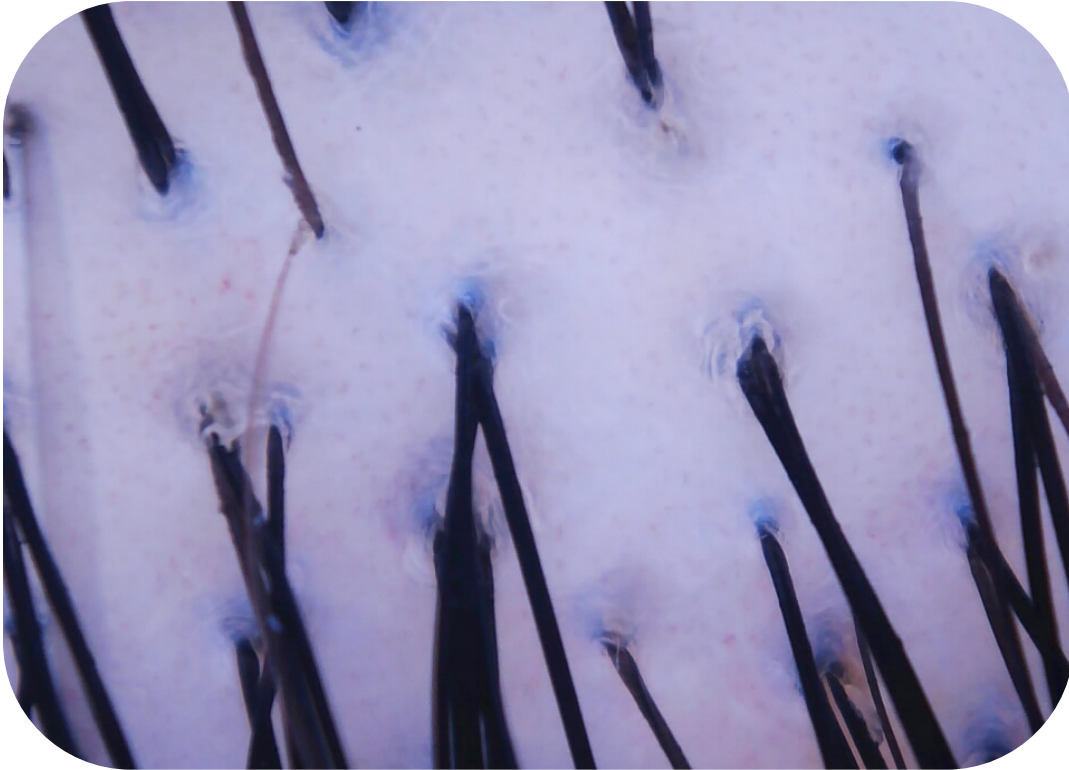


White light

Theory:

Under uniform natural light illumination, stray light is filtered out to clearly present visible scalp problems in the epidermis to the naked eye. Under white light, the distribution characteristics of scalp texture, skin grooves, and skin ridges can be observed. It can be used to observe issues such as scalp color, hair density, hair thickness, and scalp sensitivity.

Three-spectrum **detection**



Positive polarization light

Theory:

A special cross-polarizer lens group is adopted, which can effectively reduce direct reflected light. The cross-polarization mode captures images formed by light reflected from the basal layer and dermis of the scalp skin entering the lens. Since the basal layer and dermis are rich in melanin and hemoglobin, the cross-polarization mode is used to observe the deep conditions of the scalp skin (basal layer and dermis), displaying the status of capillaries and pigmentation. It aids in the auxiliary diagnosis and efficacy observation of symptoms such as white hair, hair thickness, hair follicle health, dandruff, red blood streaks, sensitive inflammation, as well as pigmentation-abnormal scalp problems.。

Three-spectrum **detection**

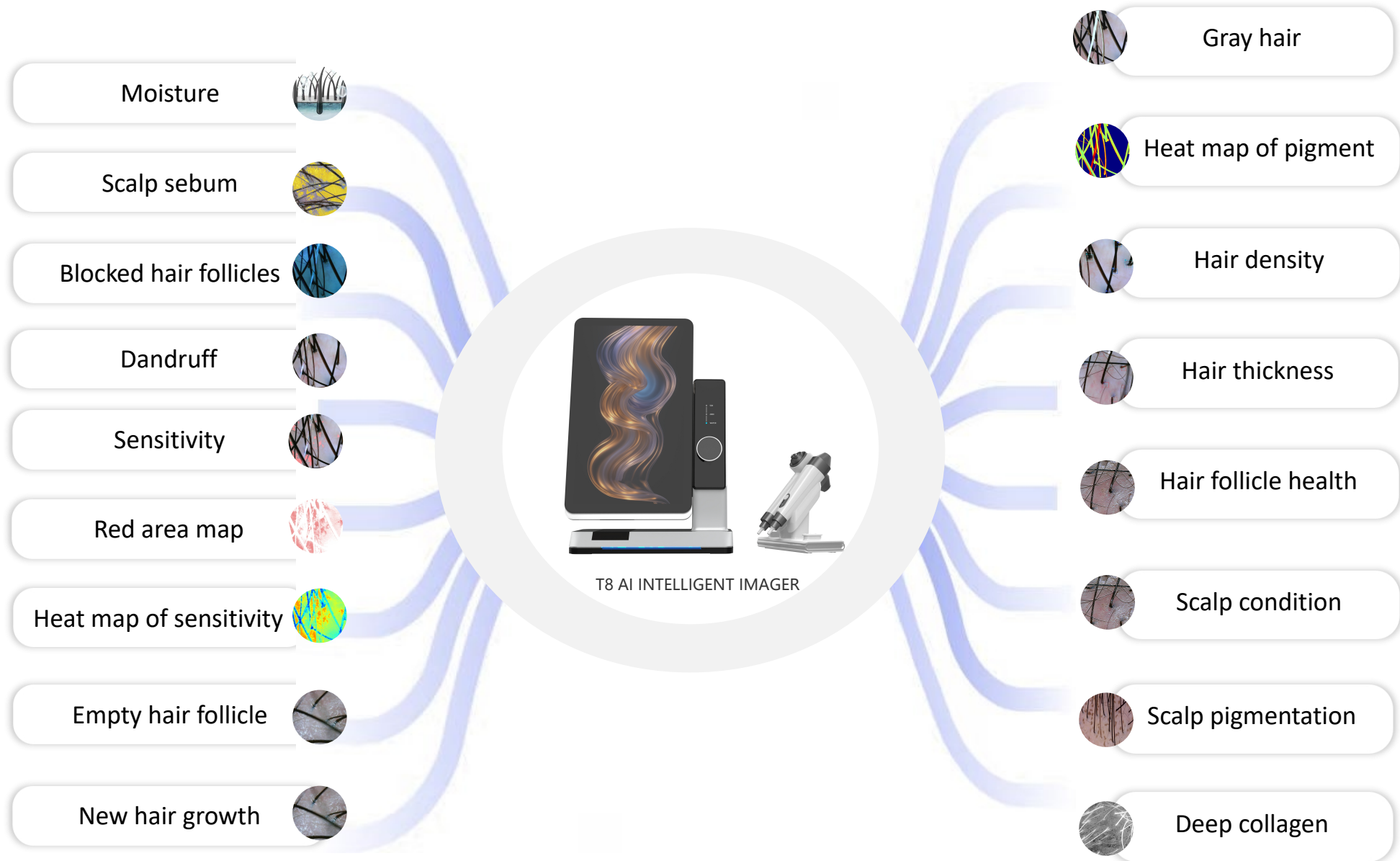


UV light

Theory:

With a wavelength of 365nm, the cells and tissues of the scalp skin have a natural function of converting invisible light into visible fluorescence, thereby effectively making the scalp skin a light emitter. UV light penetrates from the surface layer of the scalp skin to various layers, exciting different fluorescences. These fluorescences enter the lens to form images showing scalp symptoms, which can be used to detect problems such as blockage of scalp hair follicle openings, dandruff, and fluorescent agents.

Seventeen test indicators





T8 AI Intelligent scalp analyzer

03

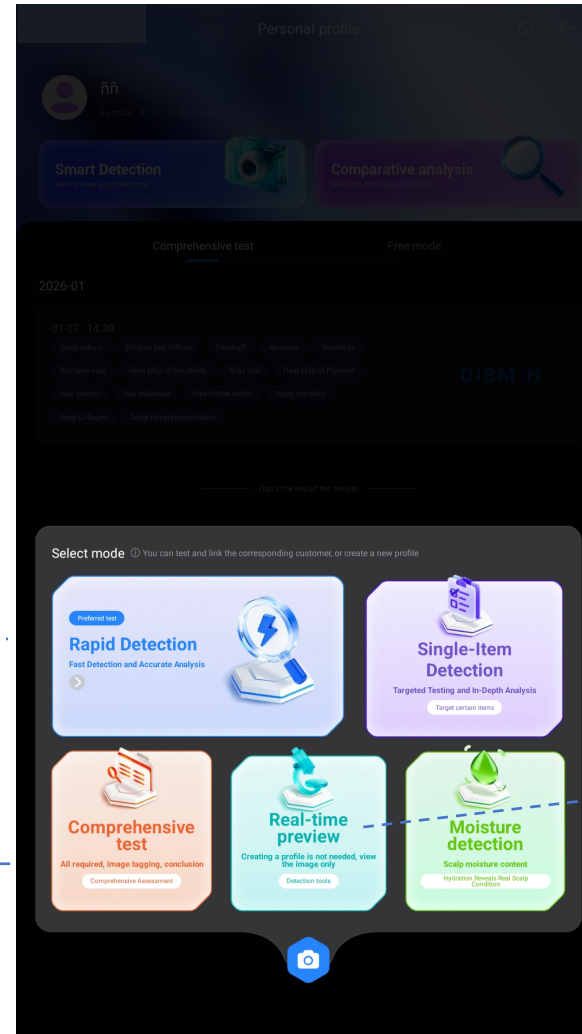
DETECTION
MODE AND
REPORT
ANALYSIS

Five detection modes

Five detection modes can be selected freely: Rapid detection, single-item detection, comprehensive detection, real-time preview, and moisture detection.

Rapid detection

Comprehensive detection



Single-item detection

Real-time preview

Moisture detection

Comprehensive detection mode 1

Switchable head skin color

Three-spectrum shooting.
After all the shooting is completed, click "OK" to move to the next section. After the shooting is finished, you can choose to re-shoot or submit.



Take photos of five areas for examination: forehead, top of the head, left side, right side, and back of the head.

Ultra-fast detection 2

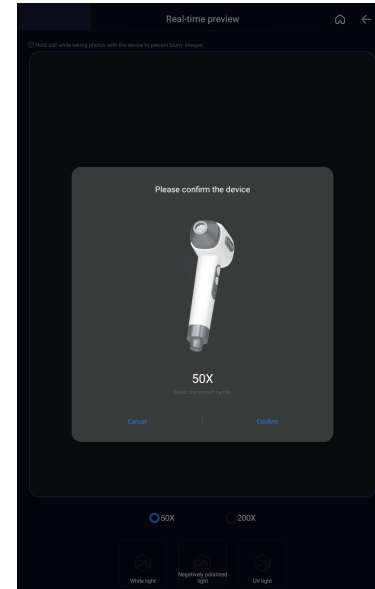
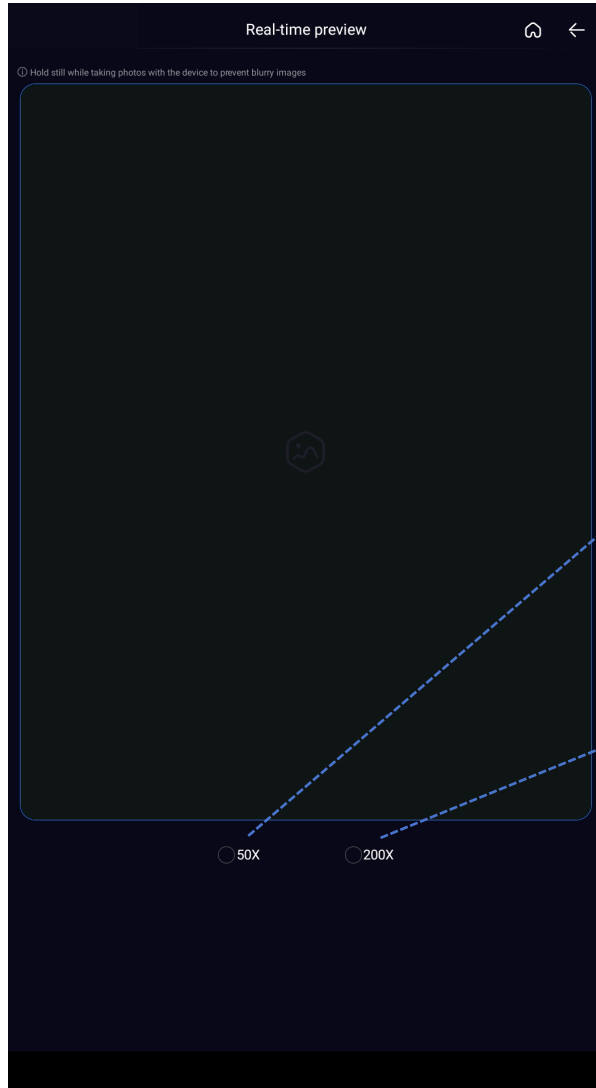
Switchable head skin color

Three-spectrum imaging allows for detection of any selected area. After the photo is taken, you can choose to retake it or confirm.



Detectable areas: The forehead, the top of the skull, the left side, the right side, or any part of the occipital region.

Real-time preview 3

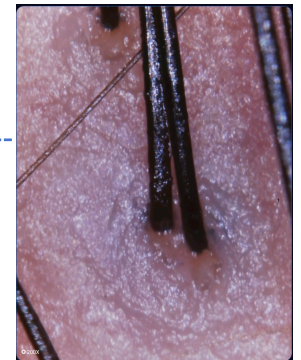


Hold the 50x magnification inspection tool

Immersive image viewing, no report. Handheld devices can be selected for switching.

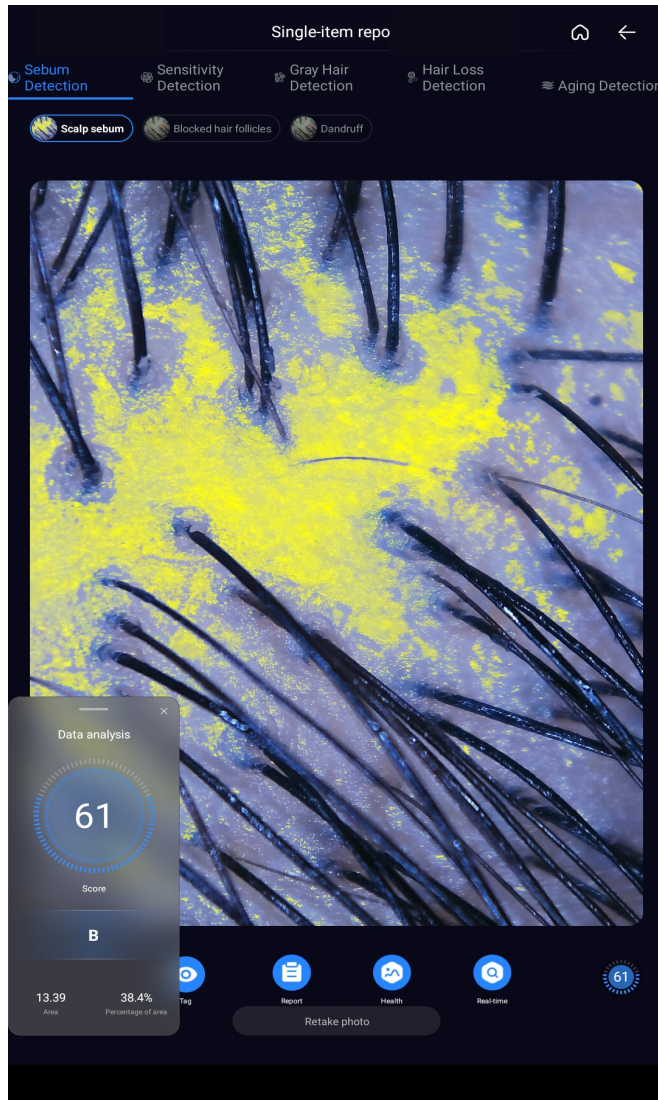


Hold the 200x magnification inspection tool



200 Times magnified image

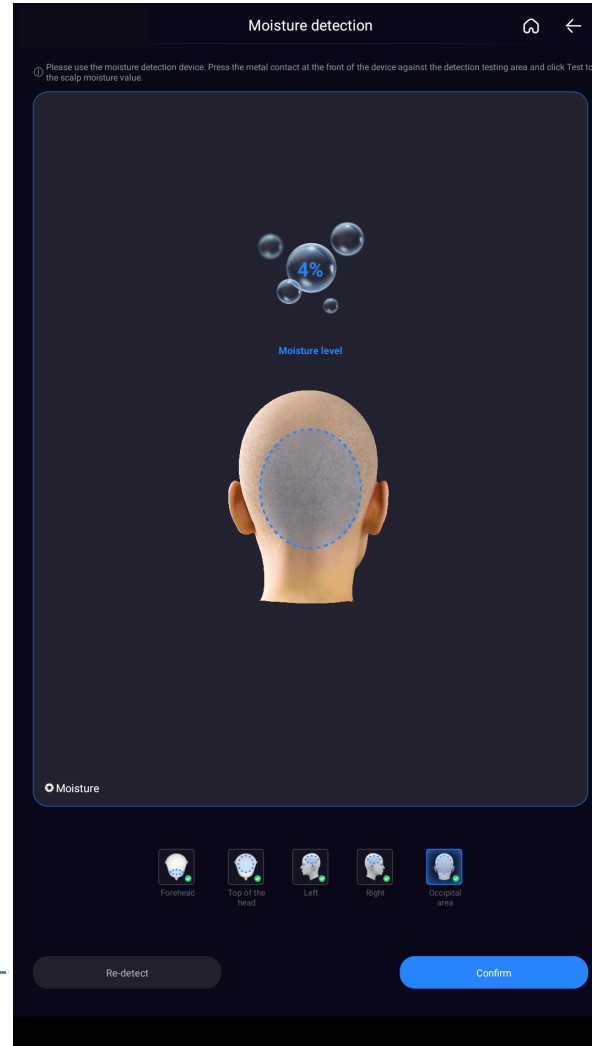
Single-item detection 4



Single-item detection can select any of the indicators such as oiliness, sensitivity, white hair, hair loss, or aging for 50X handheld photography, and generate a single-item report for any of these detections.

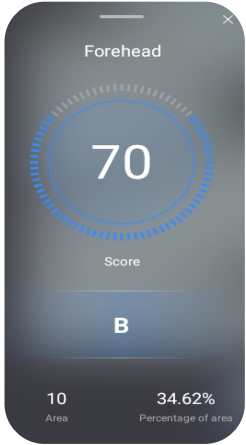
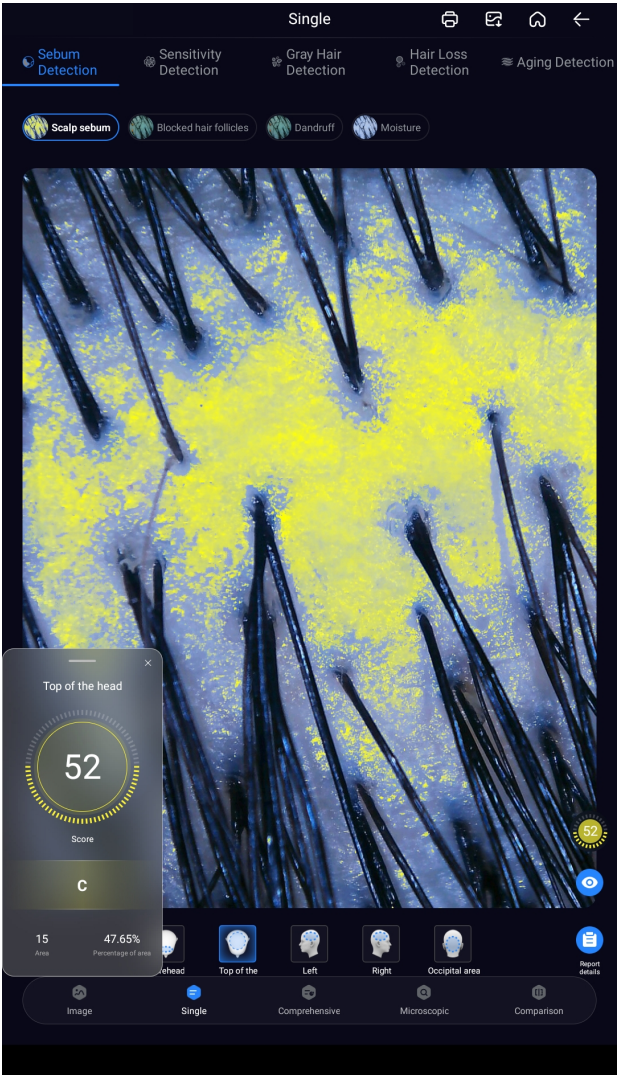
Water content measurement 5

After the three-spectrum shooting is completed, go to the moisture detection page. You can click to detect the moisture, and after the detection is done, click "Confirm".



The test will be conducted on the five designated areas of the body to measure the moisture content of the scalp. Test areas: forehead, top of the head, left side, right side, and the back of the head.

Three reporting modes - single independent report 1



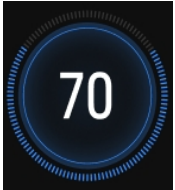
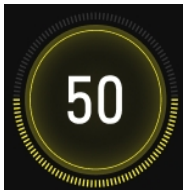
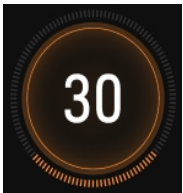
Data analysis

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

According to the scalp condition indicators, the five parts (forehead, top of the head, left side, right side, occiput area) are classified into 5 levels from high to low and marked with different colors:

A Green B Blue C Yellow D Orange E Red

Five parts



E

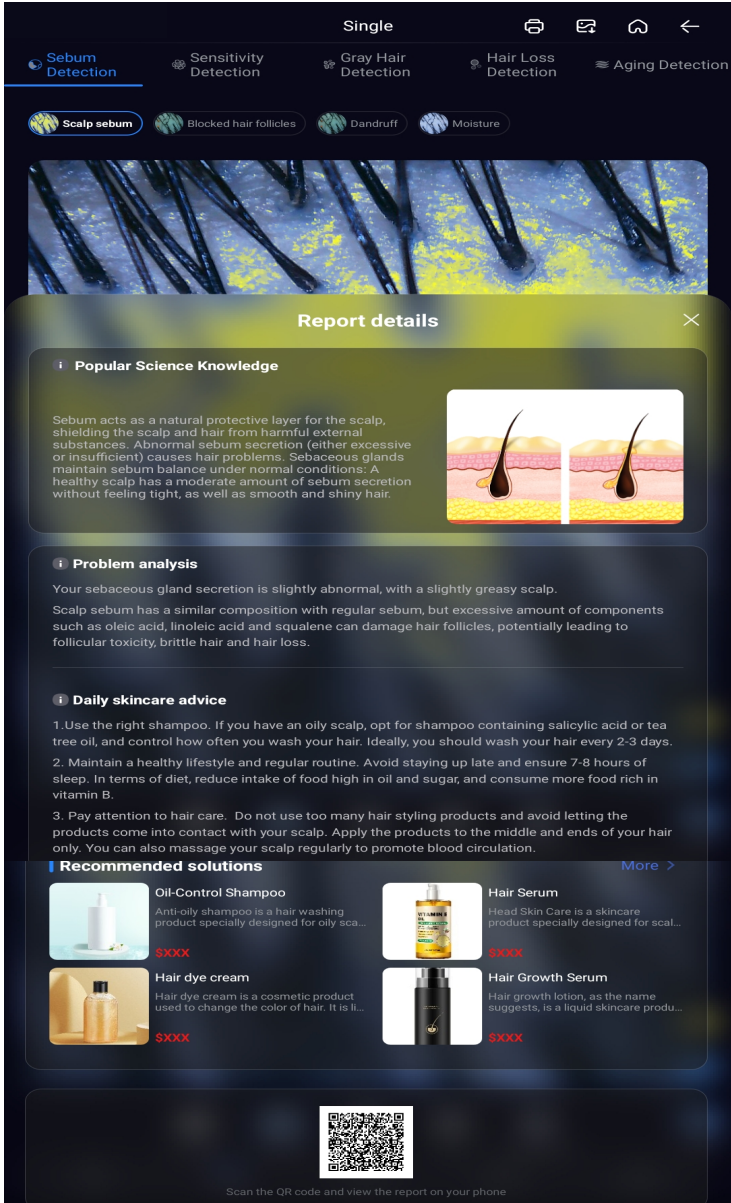
D

C

B

A

Three reporting modes - single independent report 1



Popular science knowledge

Problem analysis

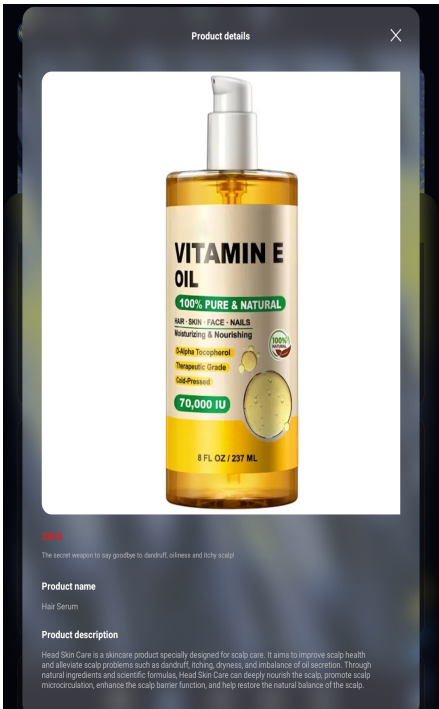
Nursing advice

Recommended solutions

QR code report



Report details

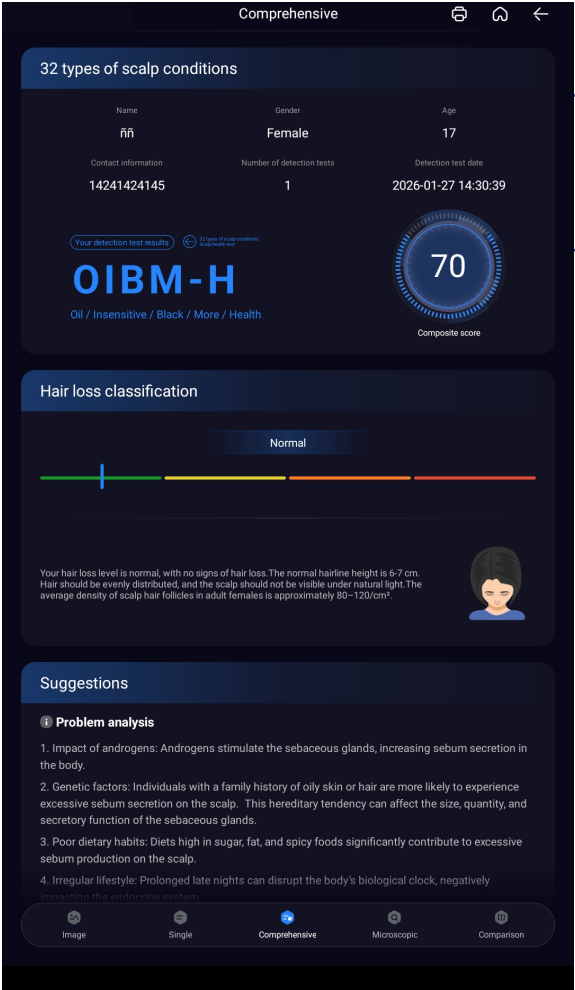


Recommendation page for solutions

Type 32 scalp classification

32 - type Scalp Classification			
OSBL - D	Oily/Sensitive/Black hair/Hair loss - Aging	OSBL - H	Oily/Sensitive/Black hair/Hair loss - Healthy
OSBM - D	Oily/Sensitive/Black hair/No hair loss - Aging	OSBM - H	Oily/Sensitive/Black hair/No hair loss - Healthy
OSWL - D	Oily/Sensitive/White hair/Hair loss - Aging	OSWL - H	Oily/Sensitive/White hair/Hair loss - Healthy
OSWM - D	Oily/Sensitive/White hair/No hair loss - Aging	OSWM - H	Oily/Sensitive/White hair/No hair loss - Healthy
DSBL - D	Dry/Sensitive/Black hair/Hair loss - Aging	DSBL - H	Dry/Sensitive/Black hair/Hair loss - Healthy
DSBM - D	Dry/Sensitive/Black hair/No hair loss - Aging	DSBM - H	Dry/Sensitive/Black hair/No hair loss - Healthy
DSWL - D	Dry/Sensitive/White hair/Hair loss - Aging	DSWL - H	Dry/Sensitive/White hair/Hair loss - Healthy
DSWM - D	Dry/Sensitive/White hair/No hair loss - Aging	DSWM - H	Dry/Sensitive/White hair/No hair loss - Healthy
OIBL - D	Oily/Non - sensitive/Black hair/Hair loss - Aging	OIBL - H	Oily/Non - sensitive/Black hair/Hair loss - Healthy
OIBM - D	Oily/Non - sensitive/Black hair/No hair loss - Aging	OIBM - H	Oily/Non - sensitive/Black hair/No hair loss - Healthy
OIWL - D	Oily/Non - sensitive/White hair/Hair loss - Aging	OIWL - H	Oily/Non - sensitive/White hair/Hair loss - Healthy
OIWM - D	Oily/Non - sensitive/White hair/No hair loss - Aging	OIWM - H	Oily/Non - sensitive/White hair/No hair loss - Healthy
DIBL - D	Dry/Non - sensitive/Black hair/Hair loss - Aging	DIBL - H	Dry/Non - sensitive/Black hair/Hair loss - Healthy
DIBM - D	Dry/Non - sensitive/Black hair/No hair loss - Aging	DIBM - H	Dry/Non - sensitive/Black hair/No hair loss - Healthy
DIWL - D	Dry/Non - sensitive/White hair/Hair loss - Aging	DIWL - H	Dry/Non - sensitive/White hair/Hair loss - Healthy
DIWM - D	Dry/Non - sensitive/White hair/No hair loss - Aging	DIWM - H	Dry/Non - sensitive/White hair/No hair loss - Healthy

Three reporting modes - comprehensive analysis report 2



Personal information

32 types of scalp conditions

Hair loss classification

Suggestions

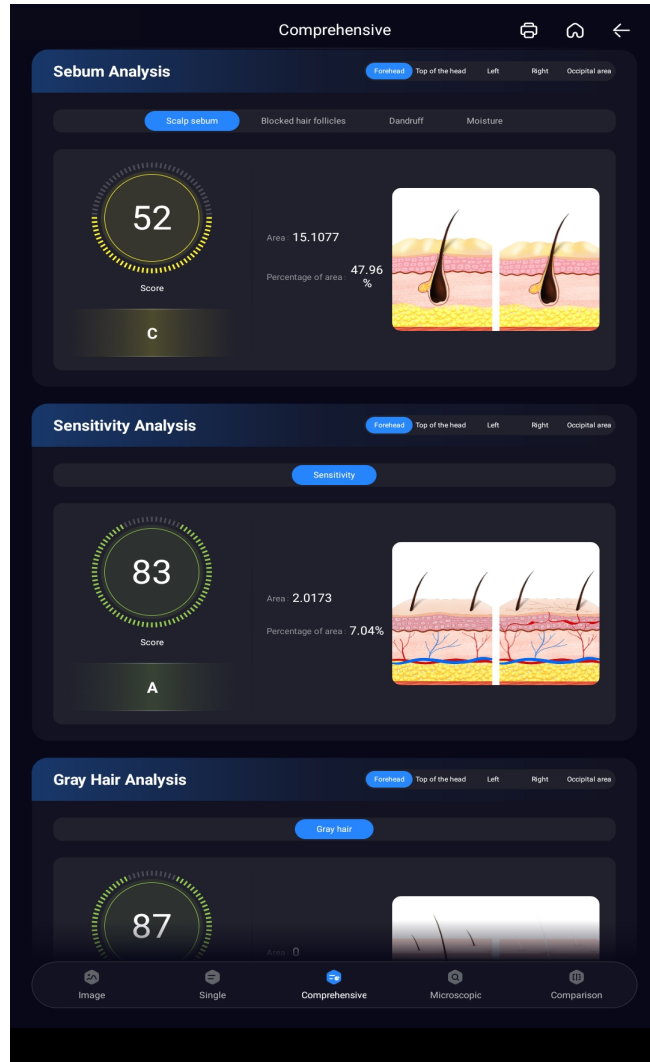


Comparative analysis

Scores of each individual test item

Water-oil balance

Three reporting modes - comprehensive analysis report 2

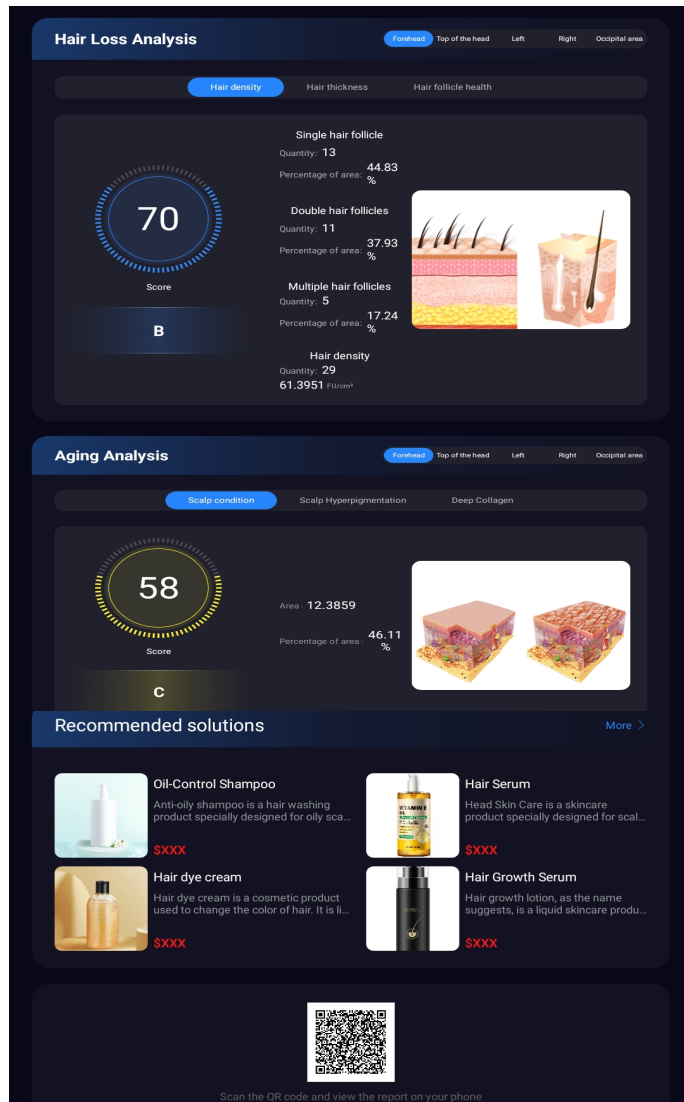


Sebum analysis

Sensitivity analysis

Gray hair analysis

Three reporting modes - comprehensive analysis report 2

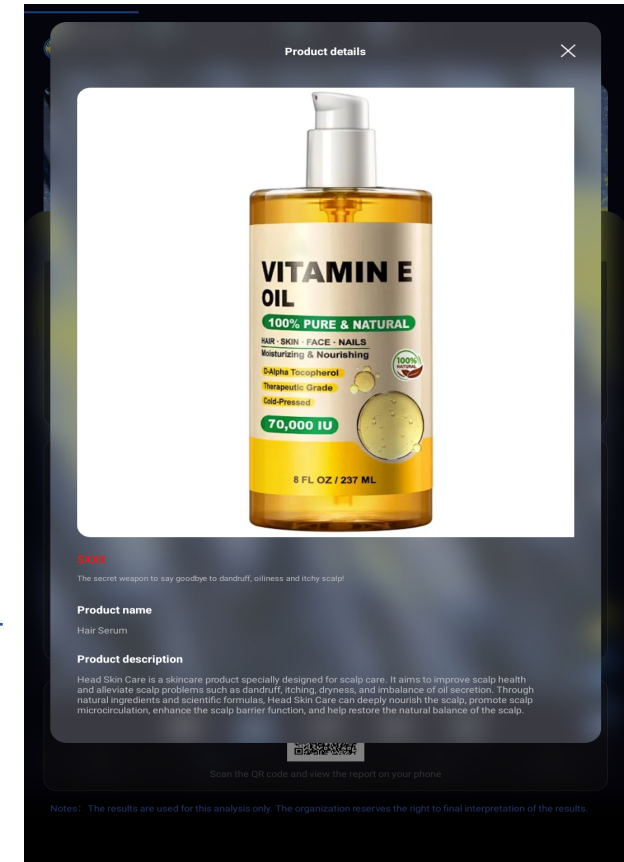


Hair loss analysis

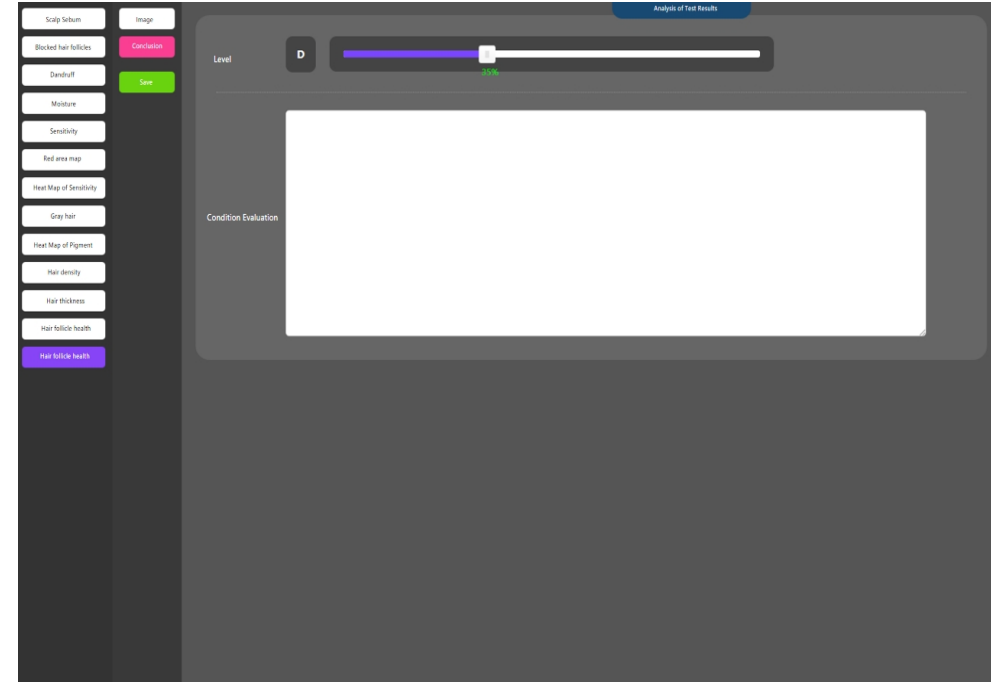
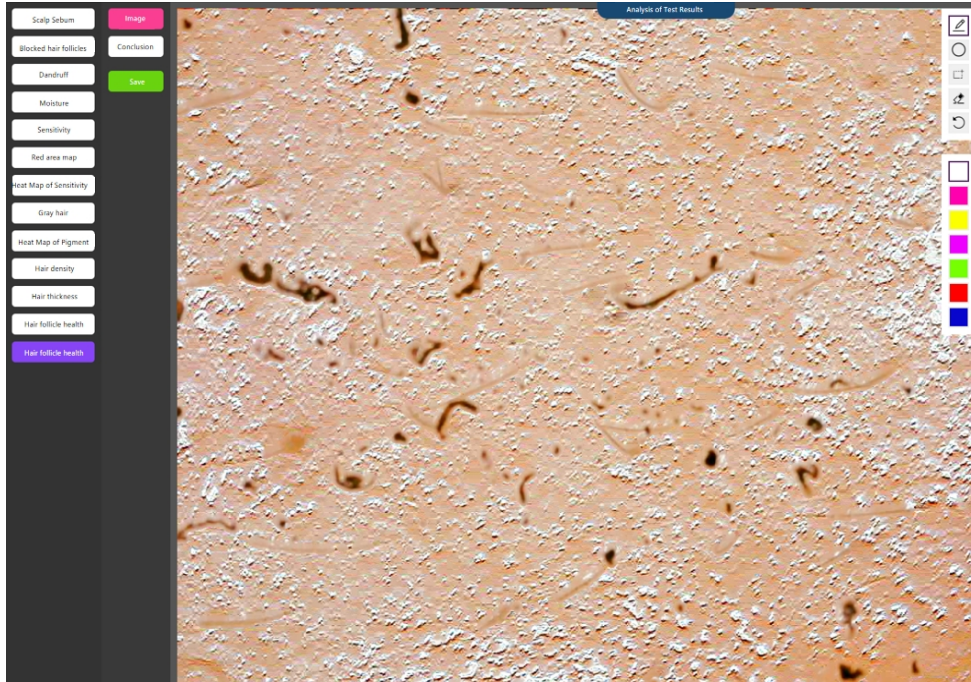
Aging analysis

Scheme recommendation

QR code report



Three reporting modes - **cucstom report 3**



The background allows independent selection of images to be edited for annotation.

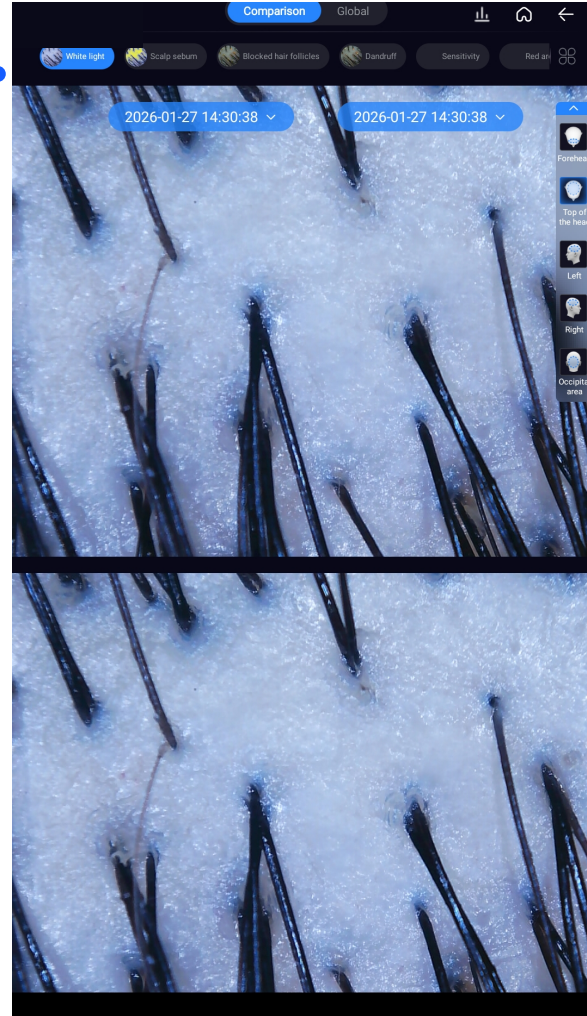
Customize any test results you want.

Each indicator can be adjusted for results.

Text can be edited freely.

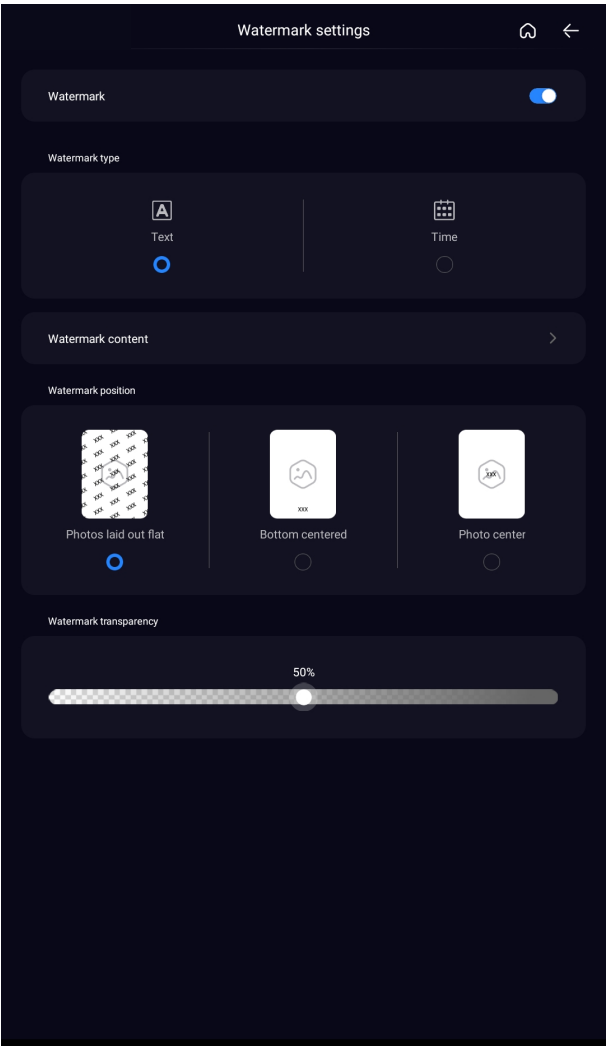
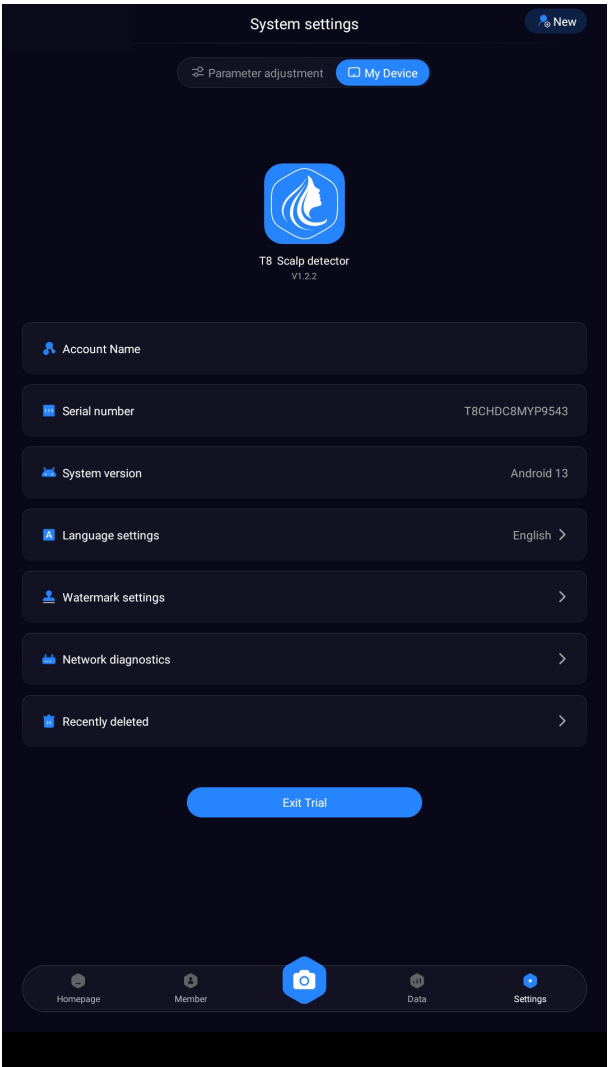
Comparison function

Multiple detection indicators, comparison of effects before and after nursing.



Switch to different sections to view the comparison.

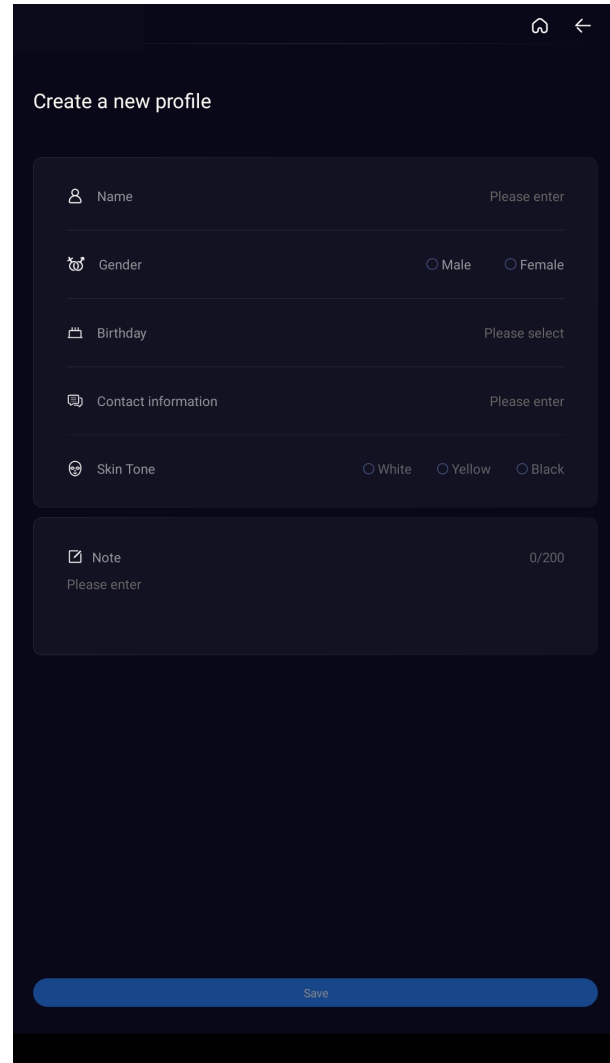
Special feature -watermark function



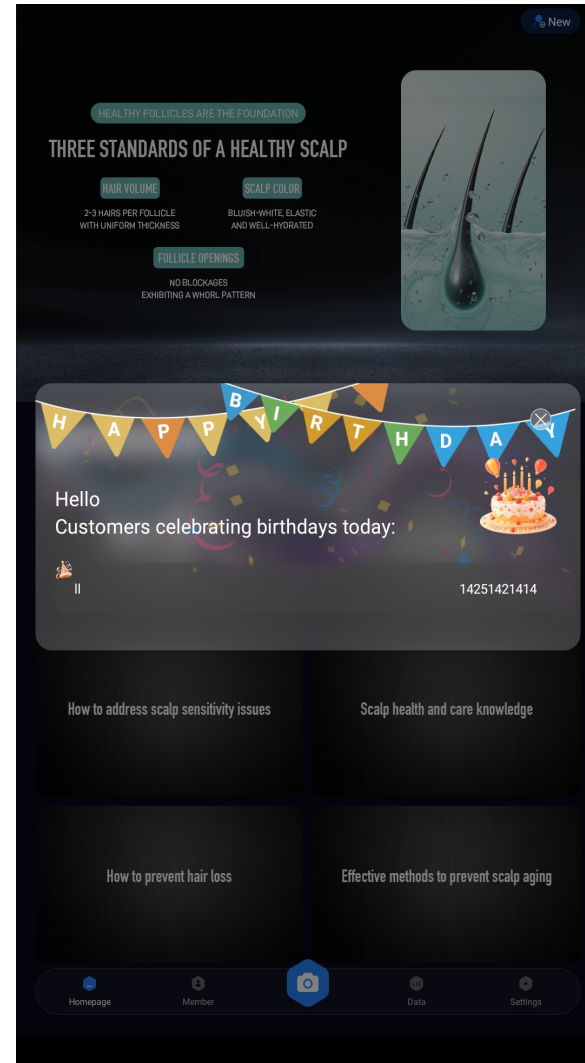
Watermark switch

Turn on the watermark switch to customize text watermarks and image watermarks.

Special feature - birthday reminder function

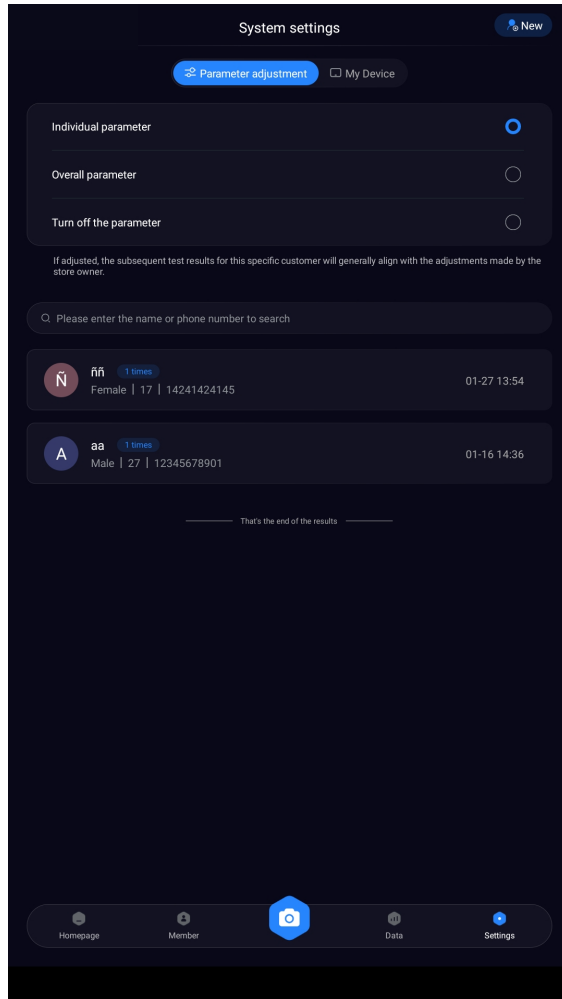


The screenshot shows a dark-themed mobile app interface for creating a new profile. At the top, there's a title 'Create a new profile' and navigation icons. Below the title, there are several input fields: 'Name' (with a person icon and 'Please enter' placeholder), 'Gender' (with a gender icon and radio buttons for 'Male' and 'Female'), 'Birthday' (with a calendar icon and 'Please select' placeholder), 'Contact information' (with a speech bubble icon and 'Please enter' placeholder), and 'Skin Tone' (with a skin tone icon and radio buttons for 'White', 'Yellow', and 'Black'). At the bottom of the form, there's a 'Note' field with a checkmark icon, a 'Please enter' placeholder, and a character count '0/200'. A large blue 'Save' button is at the very bottom.

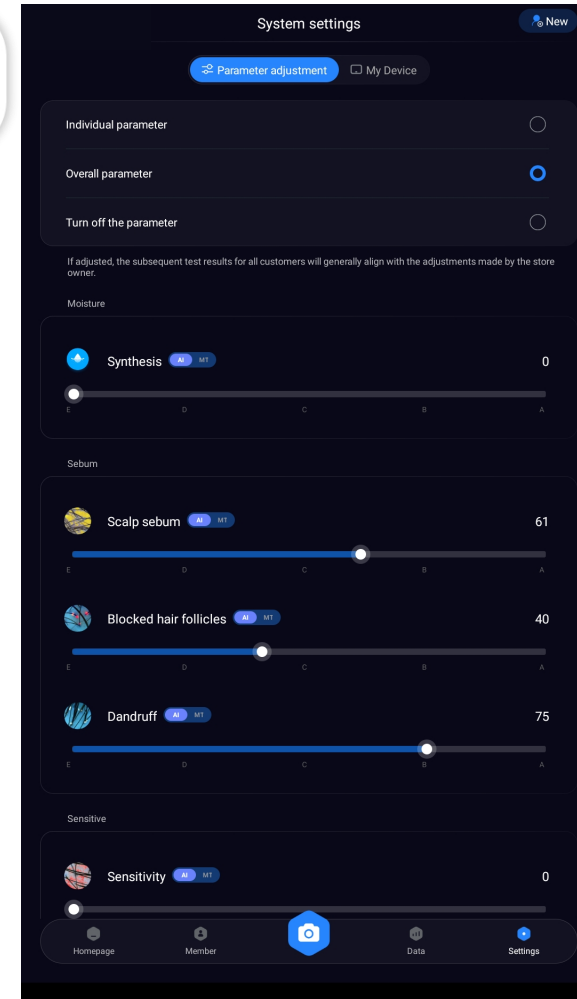


Automatically push the list of customers with birthdays on the day to enhance customer stickiness.

Parameter adjustment



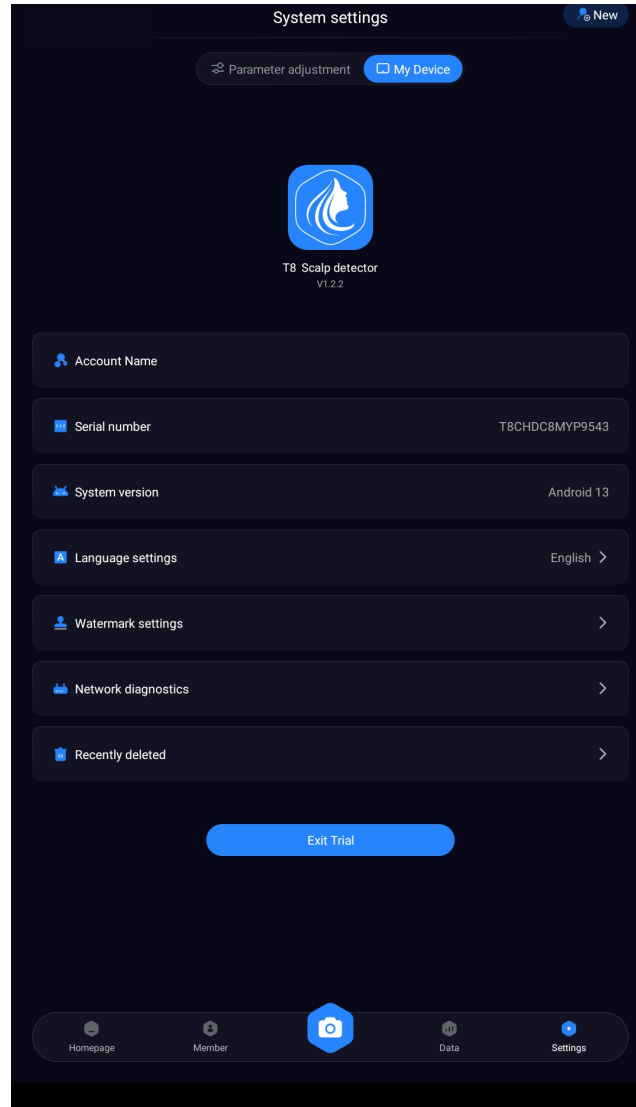
parameter
adjustment



Data result
optimization,
manual debugging

It can be adjusted either
individually or as a whole.


My devices




Serial number

Language settings


Back-stage management



Free entry
nursing project



Multiple
equipment
unified
management



Real time
executive
customer file



View in real
time
test records
and edit



T8 AI Intelligent scalp analyzer

04

HARDWARE SPECIFICATIONS

Parameter information

T8

Type number	T8
Light spectrum	White light, negative polarization, UV
Product material	Industrial grade ABS
Electric source	AC100-260V,50/60Hz
Product size	354 x215 x518mm
Central processing unit	The Cortex-A53 has up to 2.3GHz octa-core
Main plate	MTK-D3603 motherboard with Android 13 operating system
Internal memory	Dual channel LP DD R4, 4G
Hard disk	MMC5 .1, 32G
Mode of operation	Multipoint capacitive touch
Screen feature	Portrait display
WIFI	Built-in dual-band WIFI(2.4G, 5G)
HDMI	1 Pcs
USB	4 Pcs
Screen scale	16:9
Screen size	18.5 inches
Screen pixel	1920 * 1080
Other accessories	Multifunctional micro-Inspection hand, 200px hand, hand bracket, power cord
Net weight of instrument	7.4 KG
Packing weight	11 KG
Box size	620*290*430 MM
Packaging material	Corrugated paper + pearl cotton

Hardware parameters



Product patent, test report, certification certificate display



Welcome to join us