

T3 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

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【T3 AI Intelligent scalp analyzer】



T3 AI Intelligent scalp analyzer

01

Function cover

T3 AI Intelligent Scalp Analyzer

T3 AI Intelligent scalp analyzer is developed with the goal of solving scalp problems. It integrates ISP image processing technology and three-spectrum light-sensing imaging technology. By virtue of a high-definition lens and three types of light sources, combined with AI algorithms and image processing capabilities, it converts the microscopic conditions of the scalp into visual images and conducts analysis.

The product is designed with the original intention of professionally and objectively analyzing thirteen scalp problems while ensuring flexible operation. It can detect five key areas: the forehead, left and right sides, top of the head, and occipital area. It comprehensively evaluates hair follicle health, sebum secretion, inflammation, scalp barrier function, and potential hair loss risks, helping to fully grasp the real state of the scalp.



Applicable scenarios



Beauty salon



Hair salon

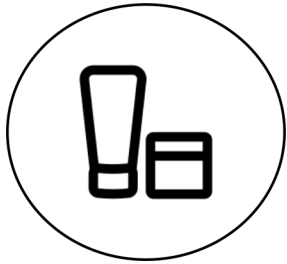


Hair transplant
clinic

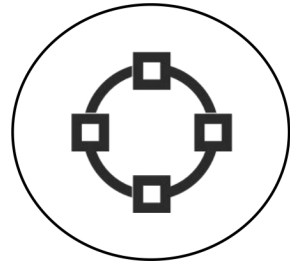


For household
use

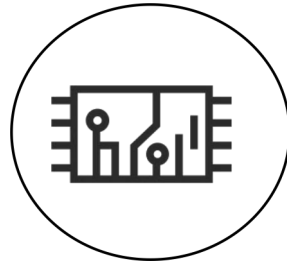
Technical advantages



Product recommendation



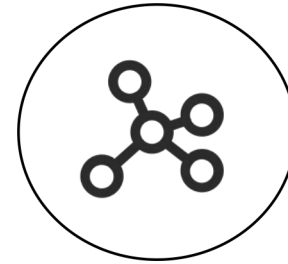
Three-spectral analysis



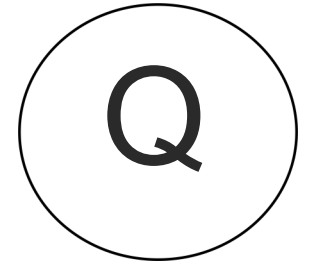
AI algorithm



Hair follicle detection

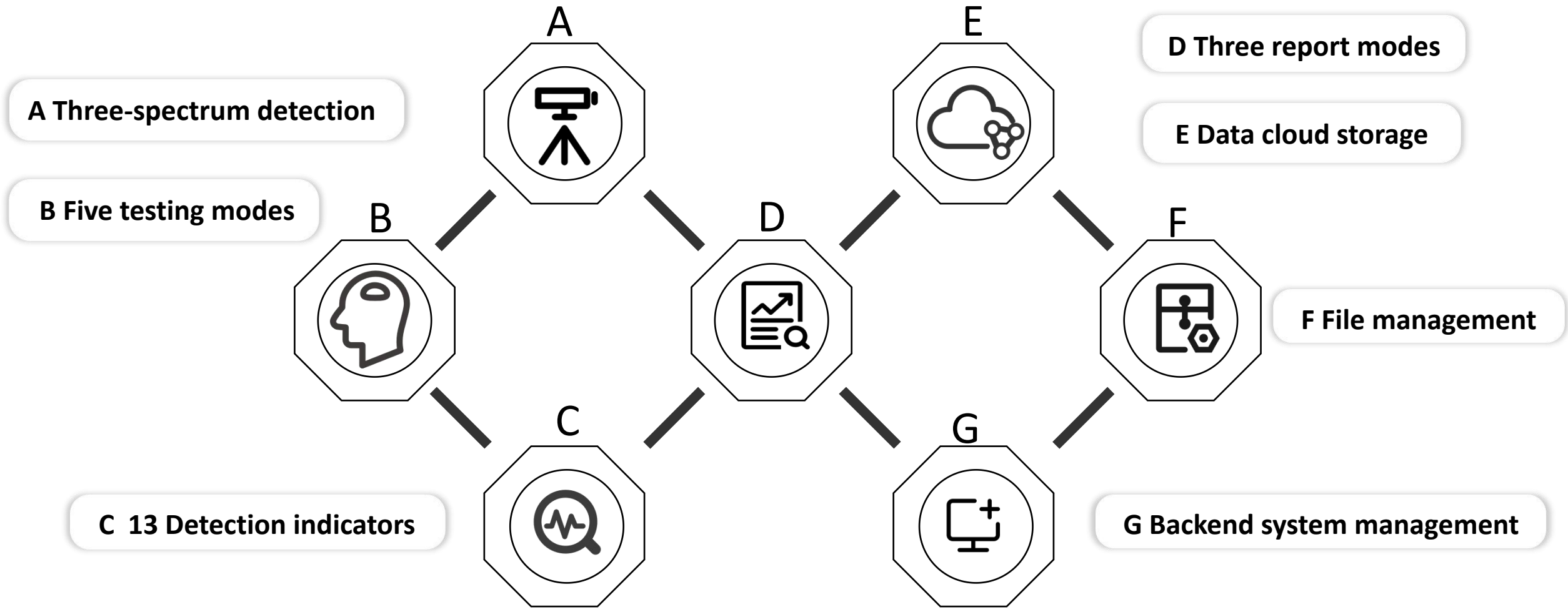


13 Dimensional indicators



200x/50x Magnification

Functional coverage





T3 AI Intelligent scalp analyzer

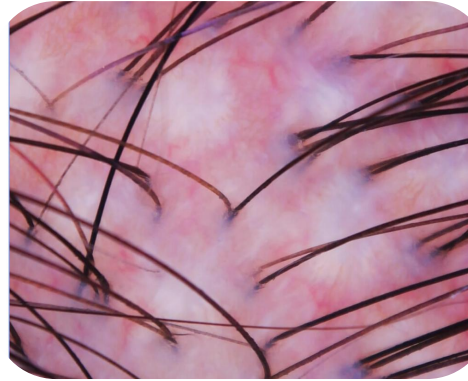
02

**Image analysis
and core
indicators**

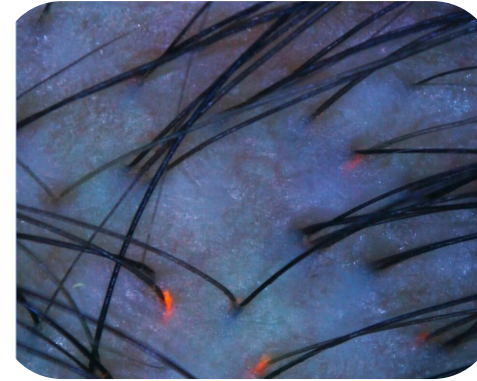
Three-spectrum **detection**



White light



Negative
polarization light



UV light

Three-spectrum **image analysis**



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 **image analysis**

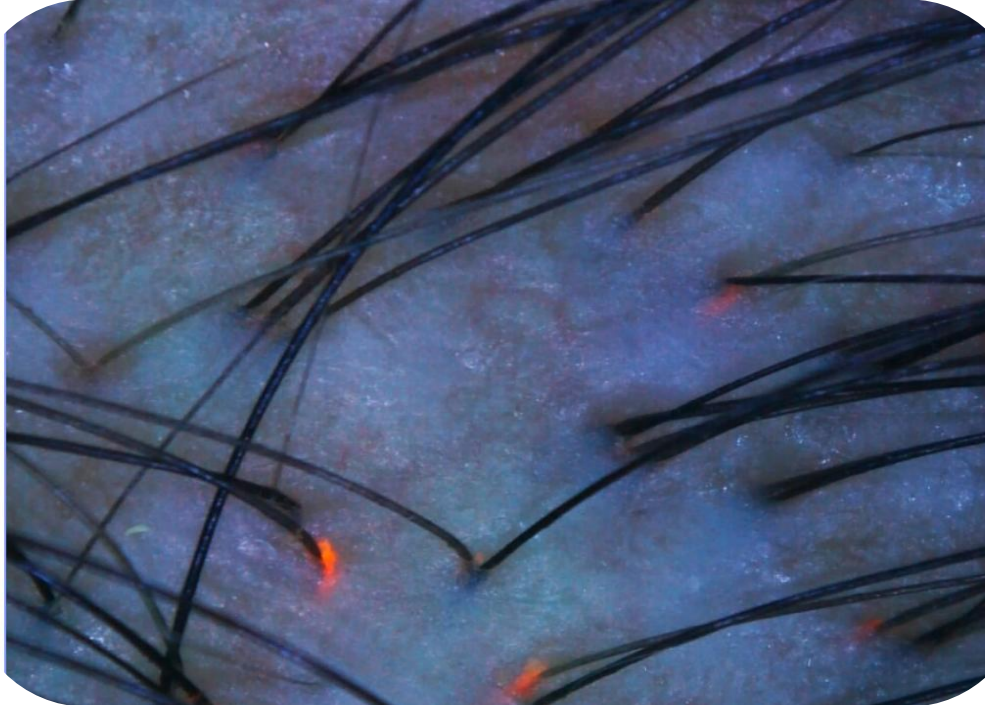


Negative polarization light

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 **image analysis**

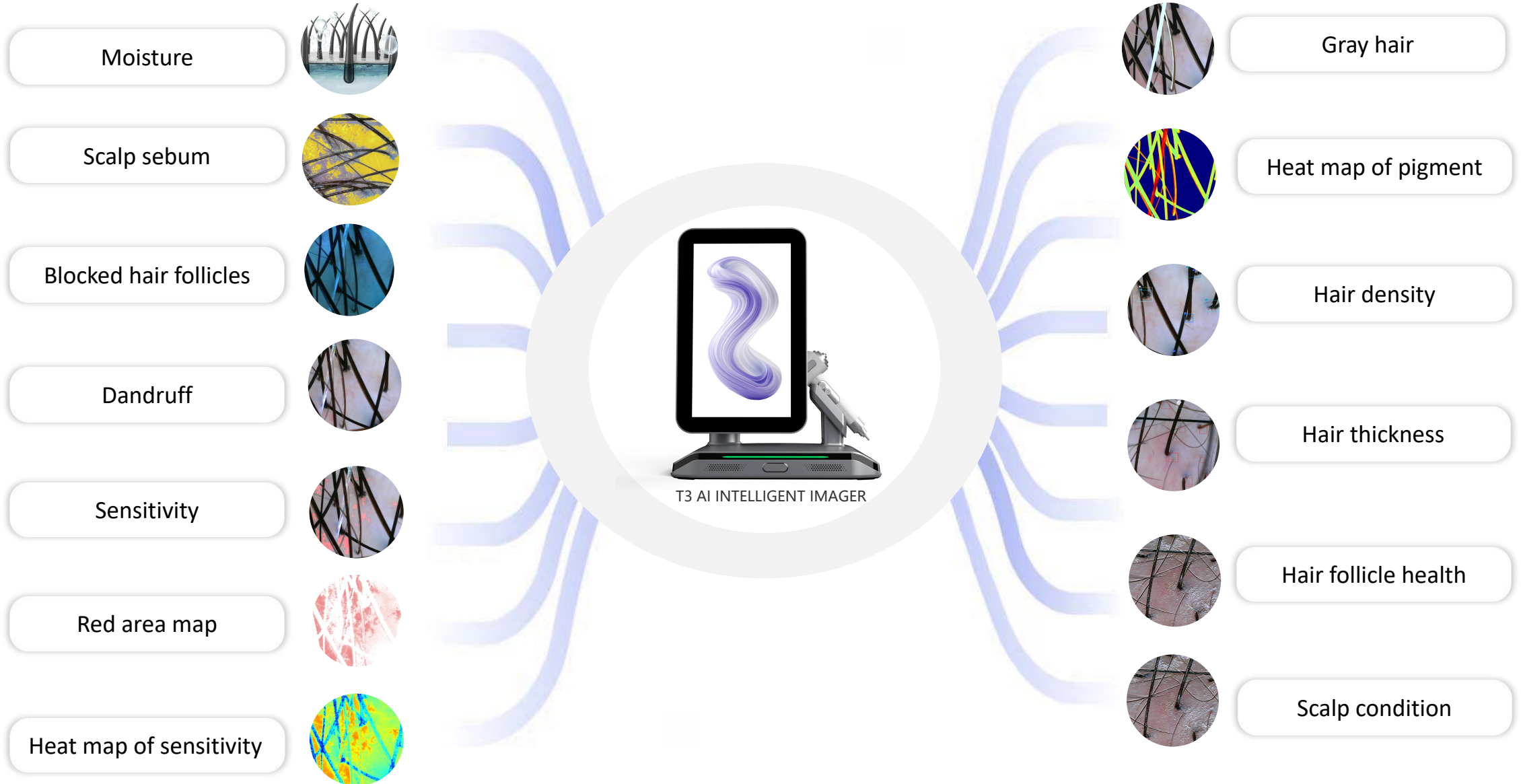


UV light

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.

Thirteen detection indicators





T3 AI Intelligent scalp analyzer

03

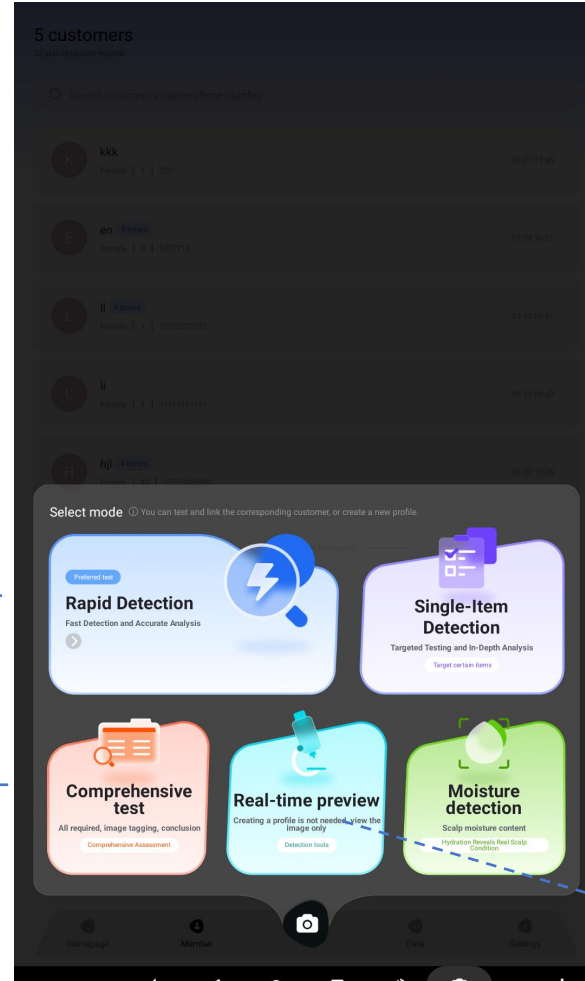
**Detection mode
and report
analysis**

Five detection modes

Choose any one of the five detection modes: rapid detection、 comprehensive test、 single-Item detection、 moisture detection、 real-time preview

Rapid detection

Comprehensive test

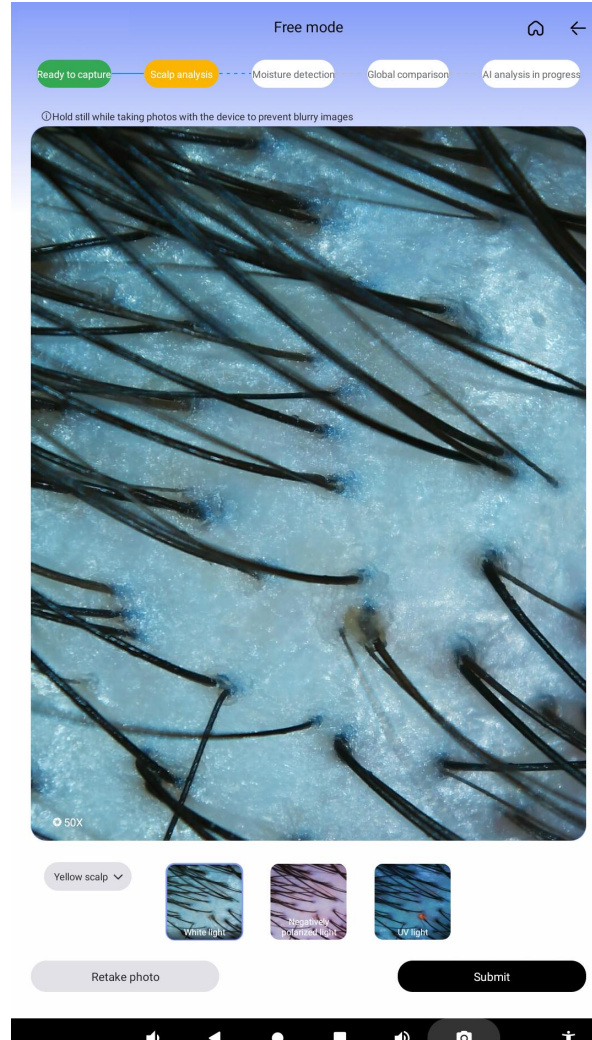


Single-Item detection

Moisture detection

Real-time preview

Rapid detection

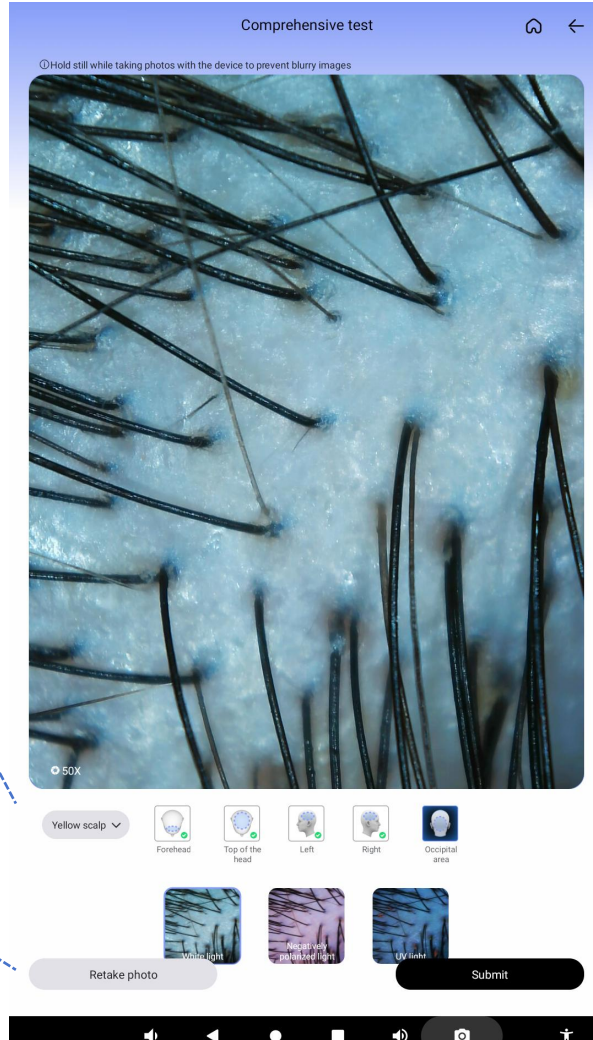


Detectable areas: the forehead, the top of the skull, the left side, the right side, or any part of the occipital region.

Switchable head skin color

Three-spectrum shooting: after all shots are completed, click "confirm" to jump to the next part. after shooting, you can choose to retake or confirm.

Comprehensive test



Switchable head skin color

Three-spectrum shooting: after all shots are completed, click "confirm" to jump to the next part. after shooting, you can choose to retake or confirm.

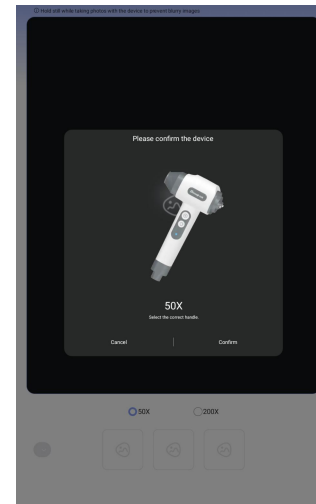
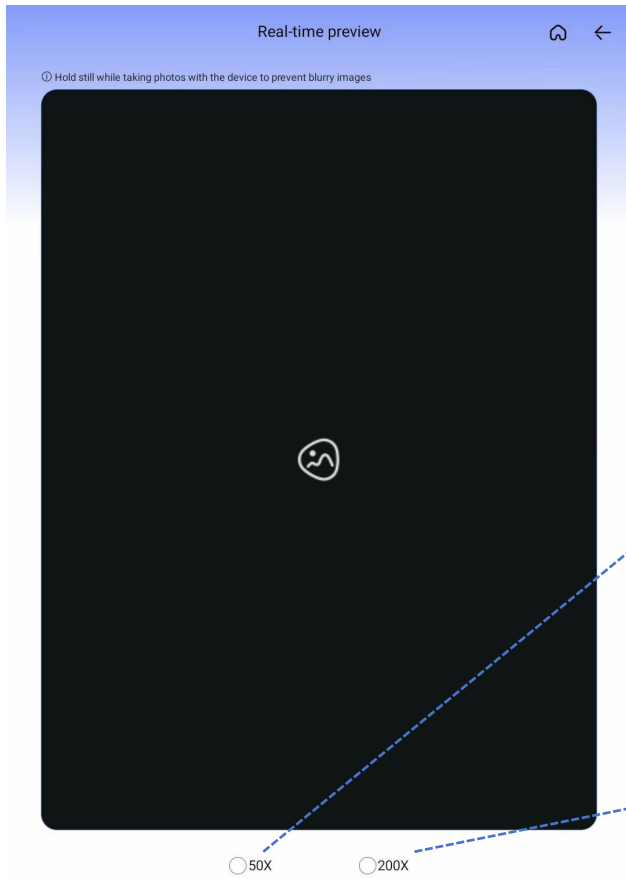
Take photos according to five parts. the detection parts are: forehead, top of the head, left, right, and occiput area.

Single-item detection



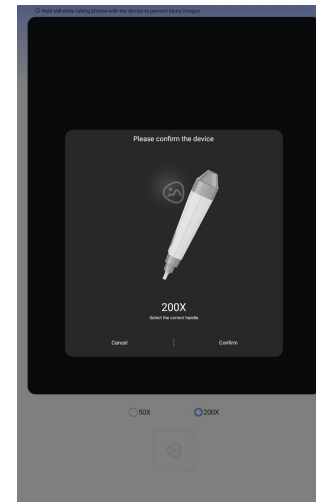
Single-item detection can select any of the indicators such as oiliness, sensitivity, white hair, hair loss, or aging for 50X handheld photography, and generate a single-item report for any of the detections.

Real-time preview



50X

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

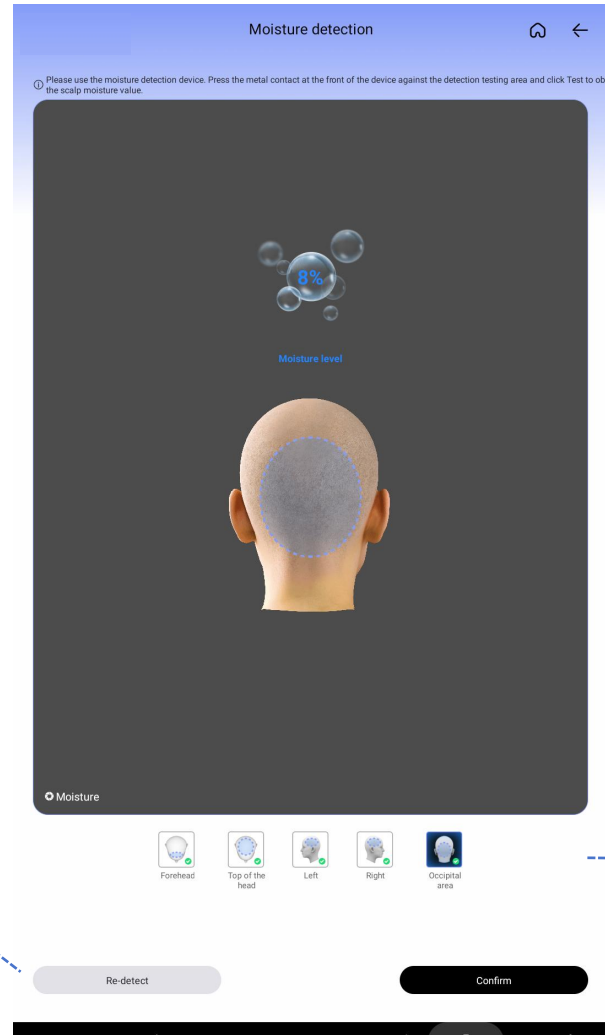


200X



200 Times magnified image

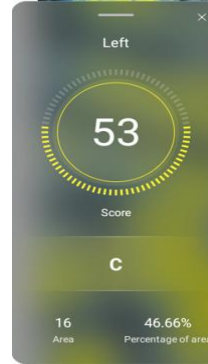
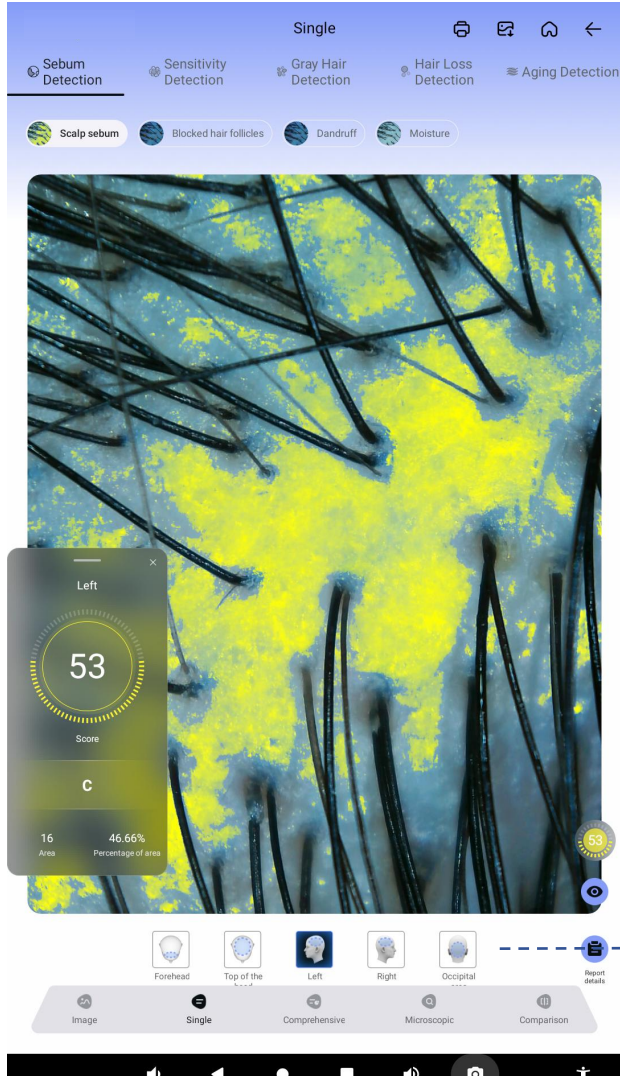
Moisture detection



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 detection parts are: forehead, top of the head, left, right, and occiput area.

Three reporting modes - single independent report 1



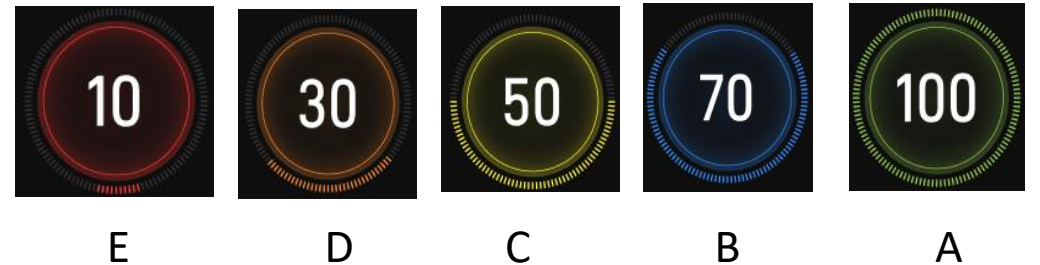
Data analysis

- 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



Three reporting modes - single independent report 1



Popular science knowledge

Problem analysis

Daily skincare advice

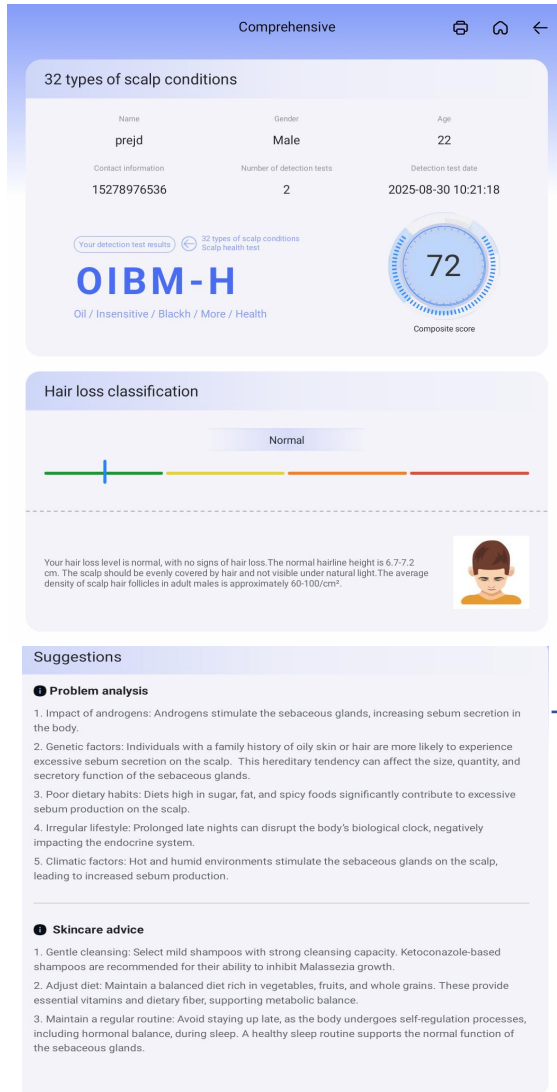
Recommended solutions

Download the report

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



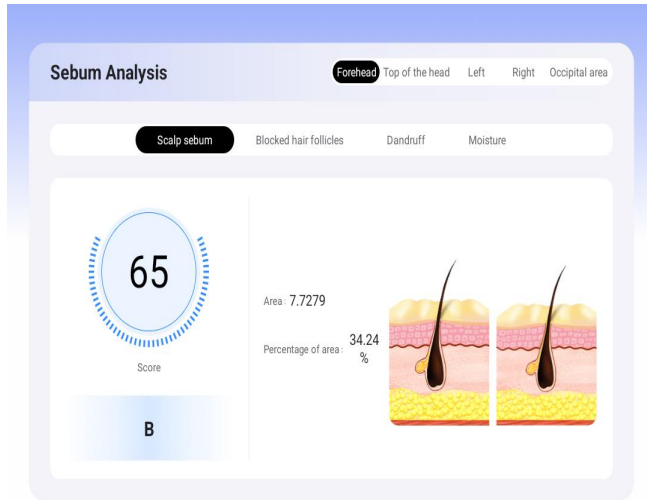
Comparative analysis

Scores of each individual test item

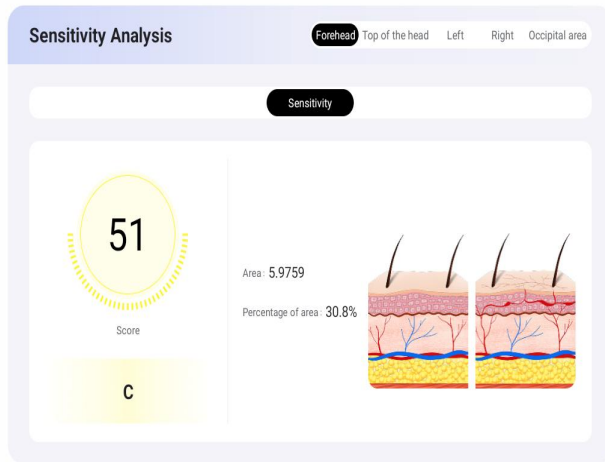


Water-oil balance

Three reporting modes - comprehensive analysis report 2



Sebum analysis



Sensitivity analysis

Three reporting modes - comprehensive analysis report 2

Gray Hair Analysis Forehead Top of the head Left Right Occipital area

Gray hair

Score: 84
Area: 0
Percentage of area: 0%

A

Hair Loss Analysis Forehead Top of the head Left Right Occipital area

Hair density Hair thickness Hair follicle health

Score: 69
B

Single hair follicle
Quantity: 24
Percentage of area: 64.86%

Double hair follicles
Quantity: 13
Percentage of area: 35.14%

Multiple hair follicles
Quantity: 0
Percentage of area: 0%

Hair density
Quantity: 37
78.3316 FU/cm²

Aging Analysis Forehead Top of the head Left Right Occipital area

Scalp condition

Score: 81
Area: 7.012
Percentage of area: 23.11%

A

Recommended solutions More >

Oil-Control Shampoo
Anti-oily shampoo is a hair washing product specially designed for oily scalp. SXXX

Hair dye cream
Hair dye cream is a cosmetic product used to change the color of hair. It is li... SXXX

Hair Serum
Head Skin Care is a skincare product specially designed for scalp. SXXX

Hair Growth Serum
Hair growth lotion, as the name suggests, is a liquid skincare produ... SXXX

Scan the QR code and view the report on your phone

Gray hair analysis


Hair loss analysis

Aging analysis

Recommendation solutions

Download the report

Product details



SXXX

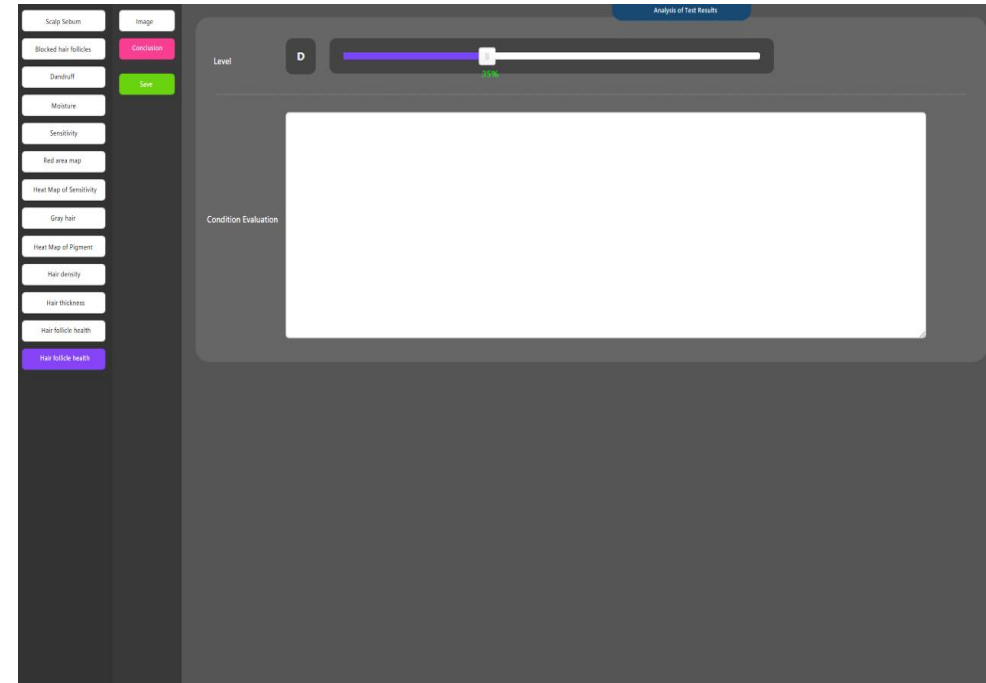
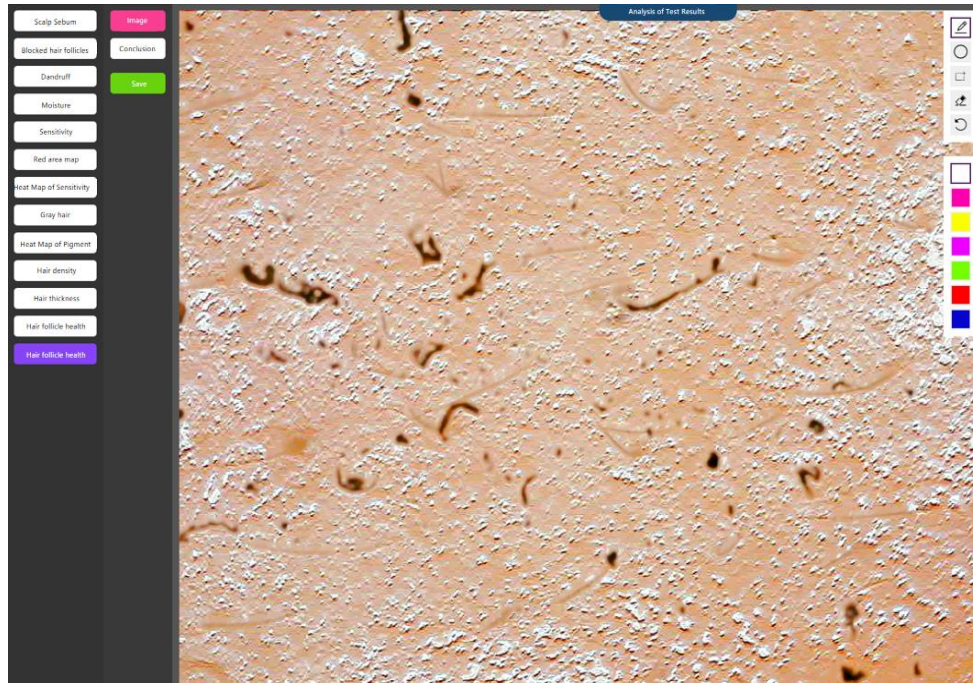
Say goodbye to oily hair troubles and enjoy a refreshing and confident look!

Product name
Oil-Control Shampoo

Product description
Anti-oily shampoo is a hair washing product specially designed for oily scalps and hair. Its purpose is to help regulate the secretion of sebum on the scalp, reduce the greasiness of the hair, and prolong the refreshing time of the hair. Such shampoos usually contain specific ingredients that can deeply clean the scalp, remove excess oil and accumulated residues, and maintain the healthy balance of the scalp.

Notes: The results are used for this analysis only. The organization reserves the right to final interpretation of the results.

Three reporting modes - custom report 4



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

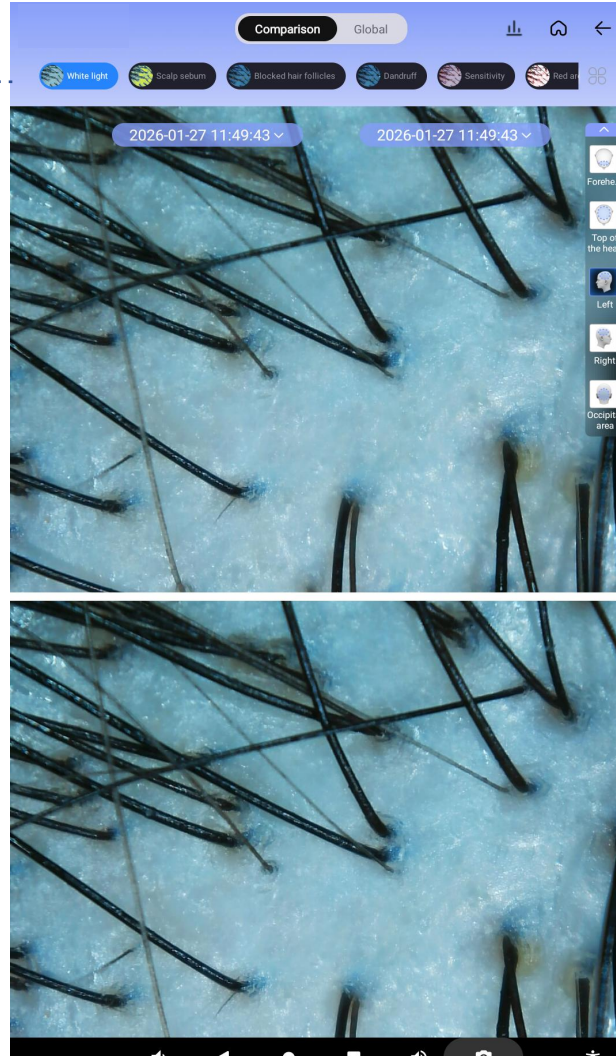
Customize any test results you want.

Each indicator can be adjusted for results.

Text can be edited freely.

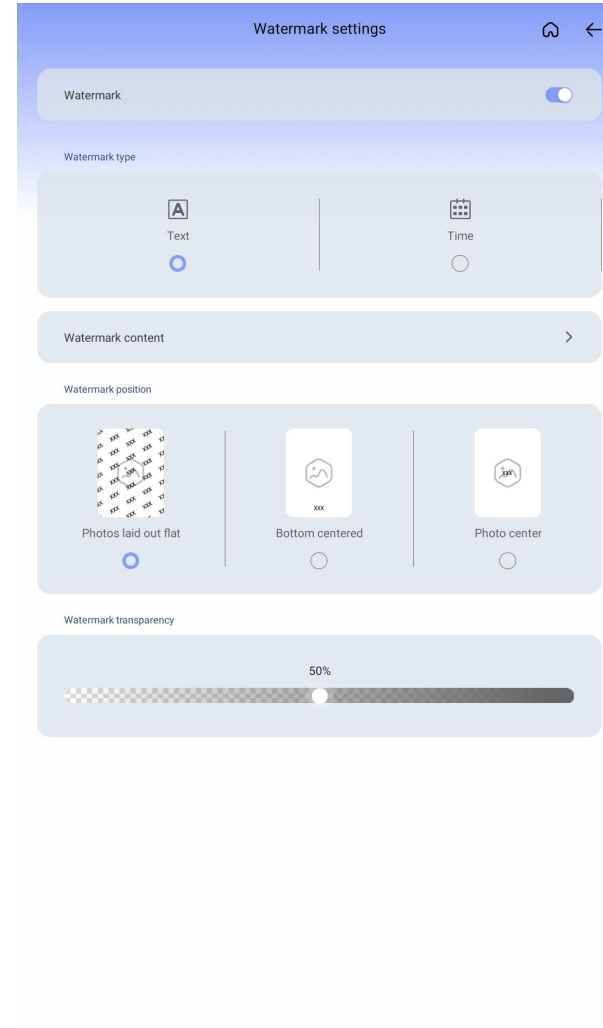
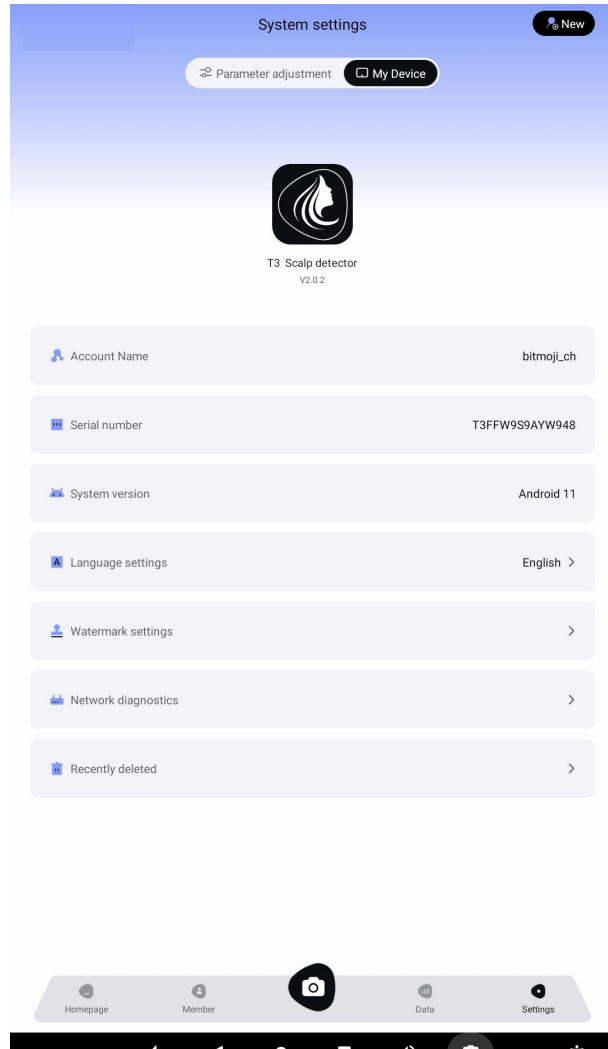
Comparison mode

You can select any single indicator for comparison.



Different parts can be selected for comparison.

Special feature -watermark function



Watermark switch

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

Special feature - birthday reminder function

Create a new profile

Name Please enter

Gender Male Female

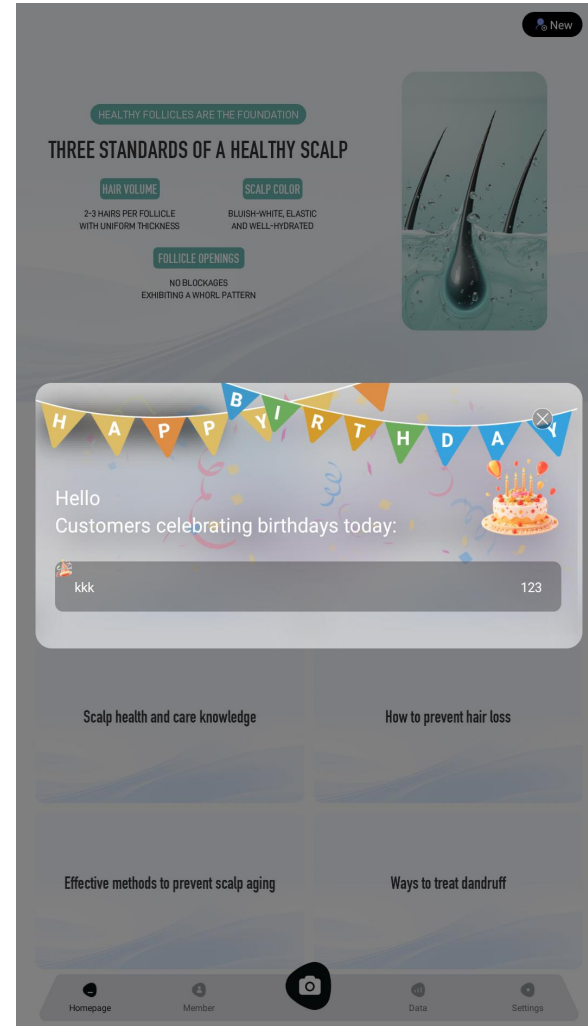
Birthday Please select

Contact information Please enter

Skin Tone White Yellow Black

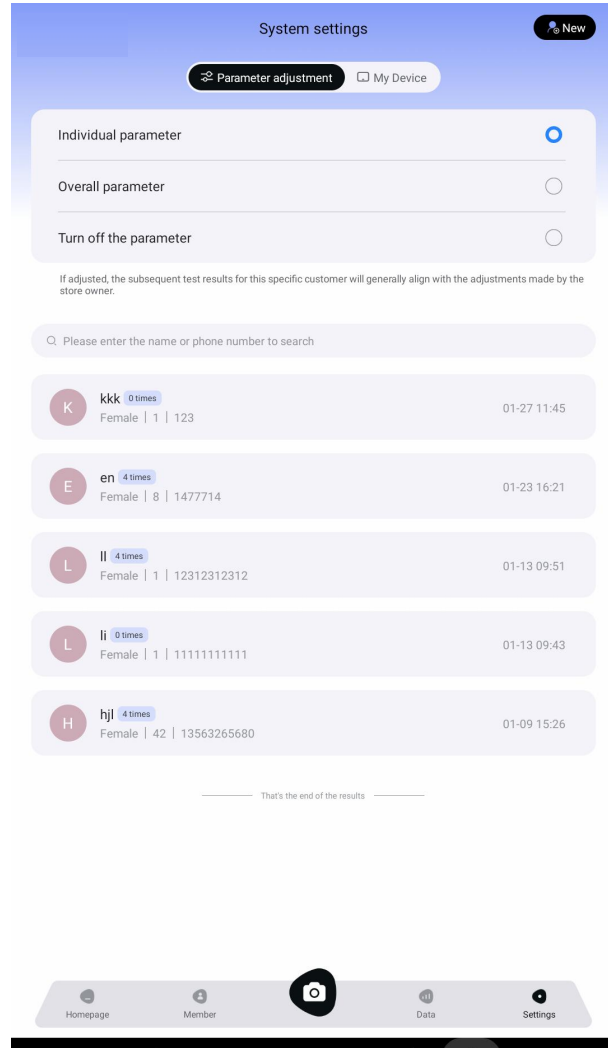
Note 0/200
Please enter

Save

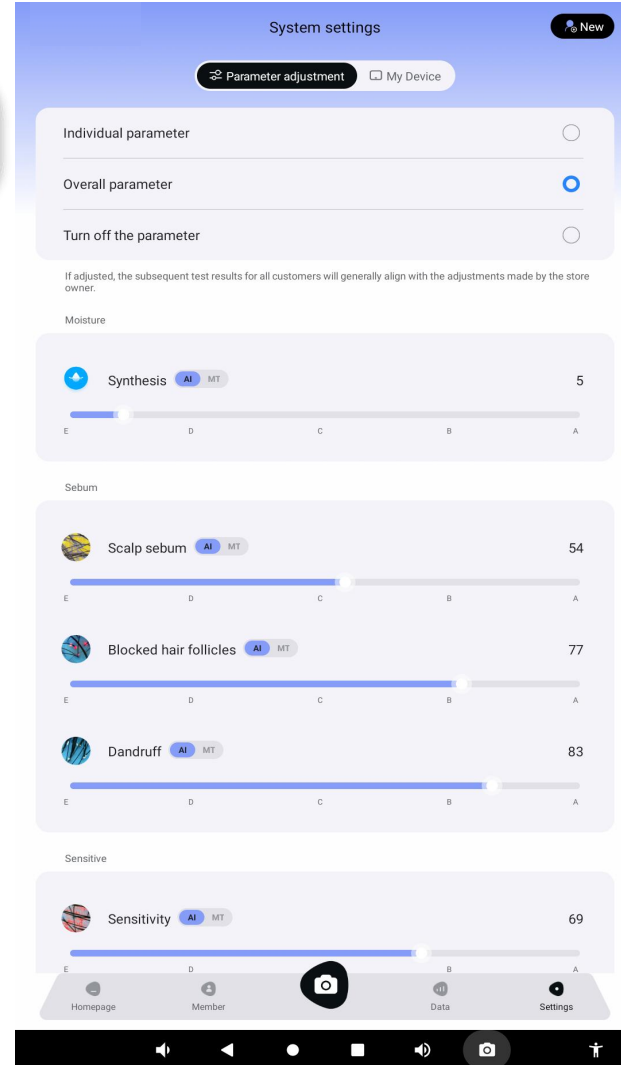


Automatically push the list of customers with birthdays on the day to enhance customer stickiness.

Parameter adjustment



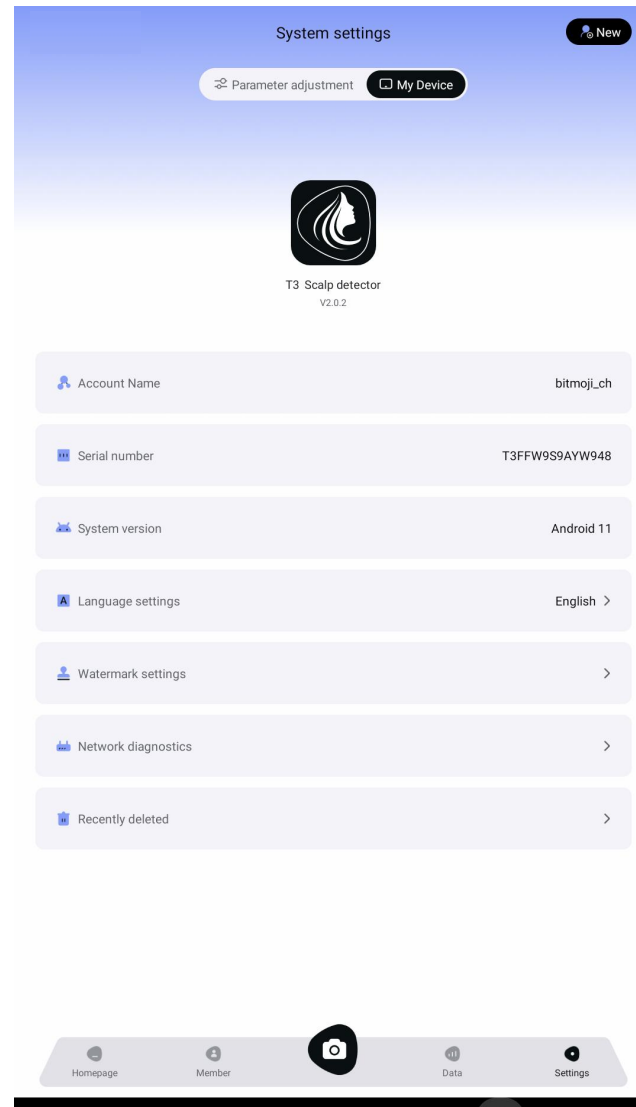
Parameter adjustment



Data result optimization, manual debugging

It can be adjusted either individually or as a whole.

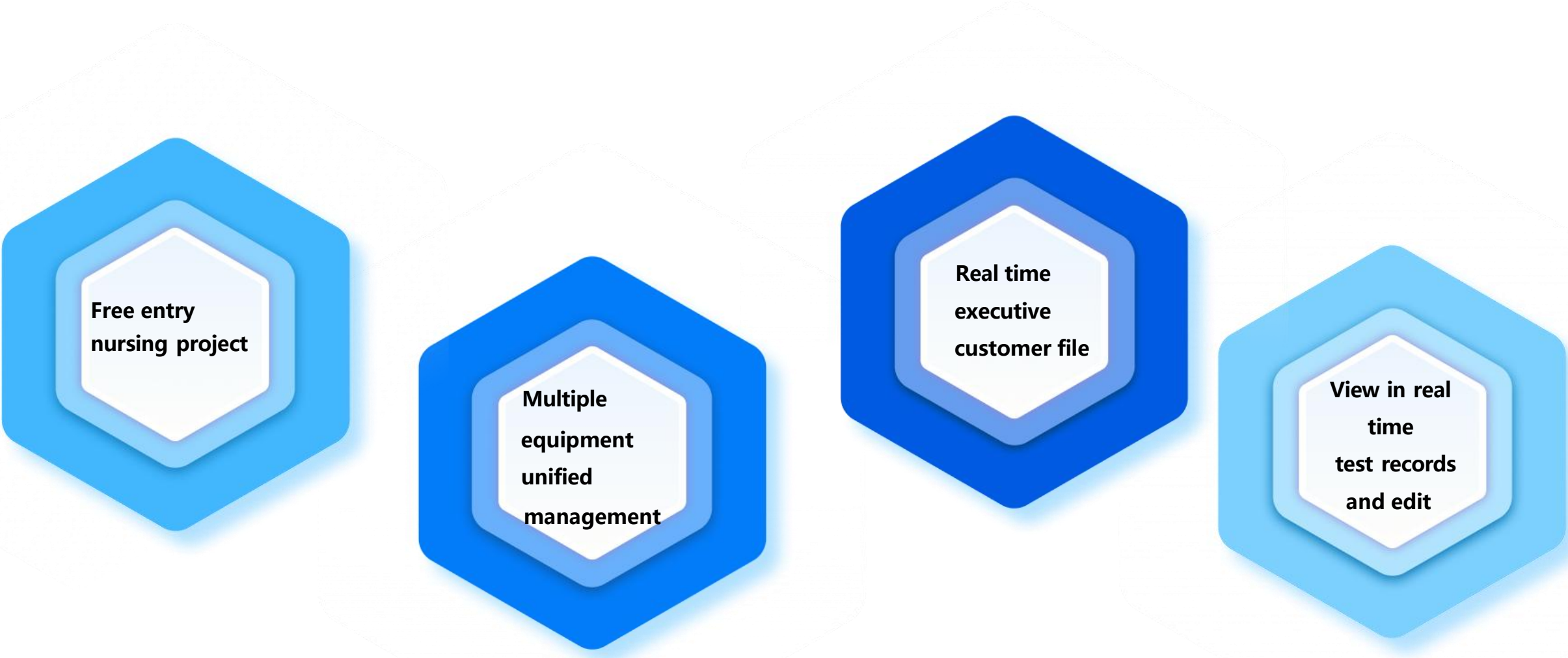
My devices



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**

【T3 AI Intelligent scalp analyzer】



T3 AI Intelligent scalp analyzer

04

**Hardware
specifications**

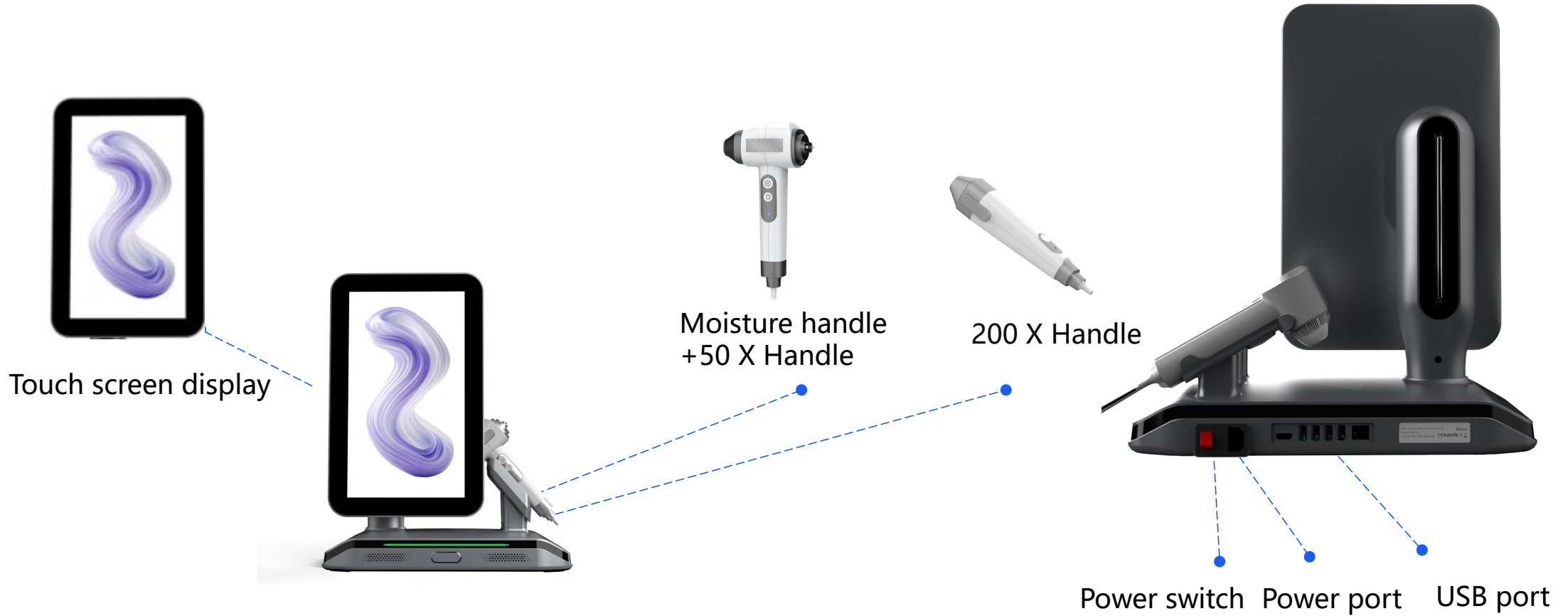
Hardware parameters

Parameter information

T3

Type number	T3
Light spectrum	White light, Negative polarization, UV
Product material	Industrial grade ABS
Electric source	AC100-260V,50/60Hz
Product size	415 x229 x498mm
Central processing unit	The Cortex-A53 has up to 2.3GHz octa-core
Main plate	RK-3568 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	15.6 inches
Screen pixel	1920 * 1080
Other accessories	Multifunctional micro-Inspection hand, 200px hand, hand bracket, power cord
Net weight of instrument	4.5 KG
Packing weight	8 KG
Box size	580*500*300 (mm)
Packaging material	Corrugated paper + pearl cotton

Hardware parameters



Product patent, test report, certification certificate display



Welcome to join us