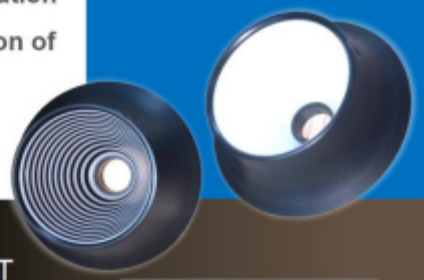
OCULAR SURFACE
ANALYZER SERIES

PROFESSIONAL DRY EYE EXAMINATION

Designed specifically for dry eye examination
The strongest support for the construction of
DRY EYE CLINICS



EXPERT

20mm

more comfortable
Imaging work distance
is longer

Uniform light source
obtaining high-quality
data on the nasal
temporal side

Stable distance, angle,
and brightness of the
light source

AI

AUTO

automatic analysis
Fully automatic
identification,
measurement, and
analysis

Quantification of results
Quantify the analysis data to
numerical values

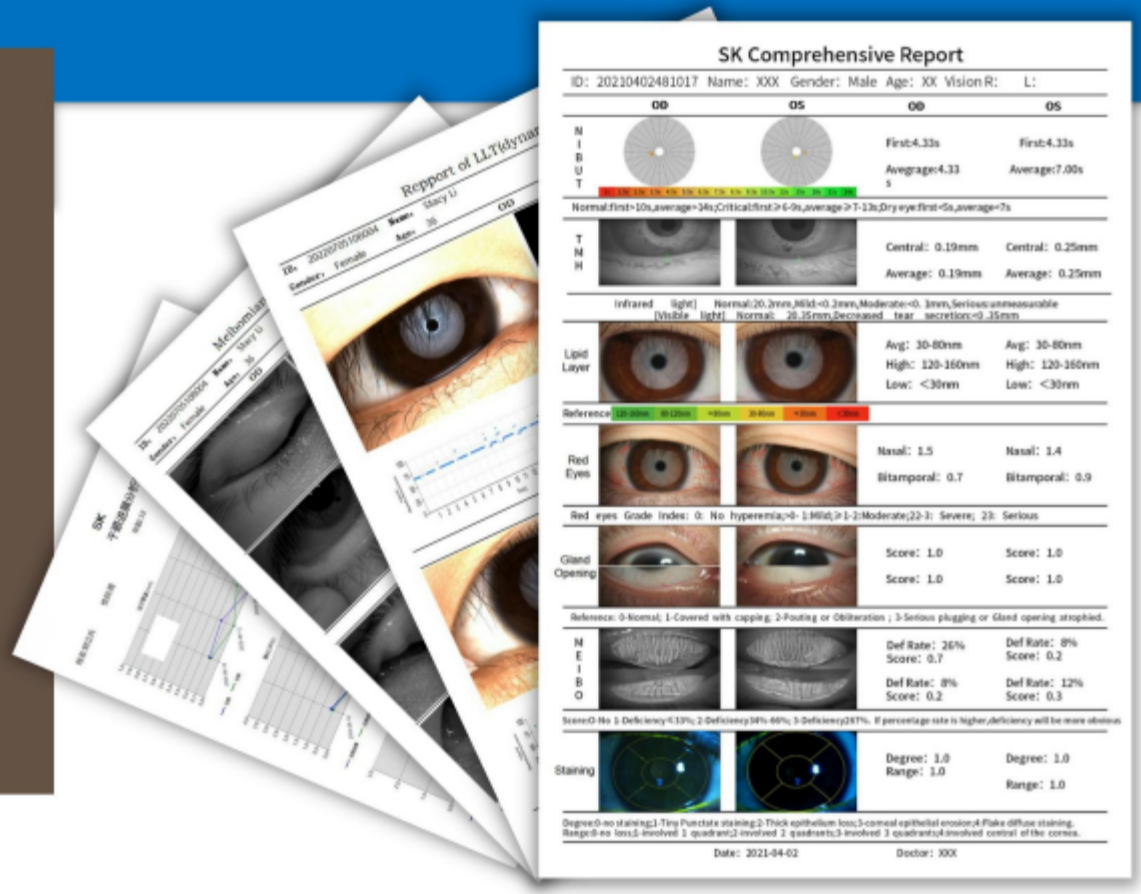
FAST

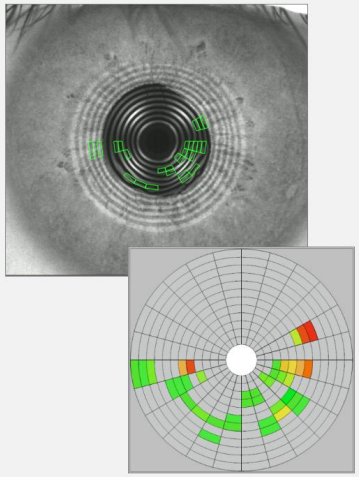
Quick inspection
Can combine inspection items
arbitrarily

REPORT

Comprehensive content Complete presentation of dry eye examination data on one report transparency Combining images with numerical values to present detailed results

Multiple templates Support single report or arbitrary combination of multiple projects to meet different needs



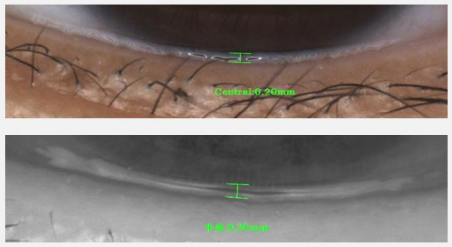


NIBUT

Infrared photography:
Using infrared as the light source, it does not stimulate tear secretion, making it more comfortable and the results more realistic.
Visible light shooting:
Penetrating white light technology allows for clearer viewing of the tear stream, making it easier to observe its continuity

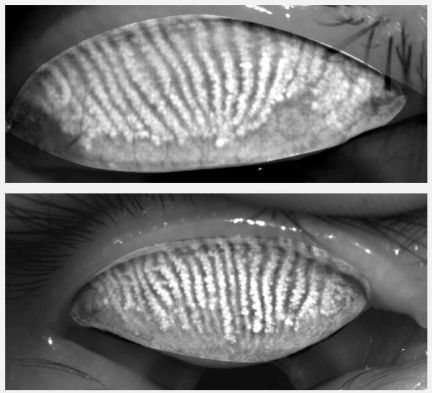
GLAND OPENING

High definition photography
Can clearly obtain the overall shape of the eyelid margin Images of subtle changes in glandular opening



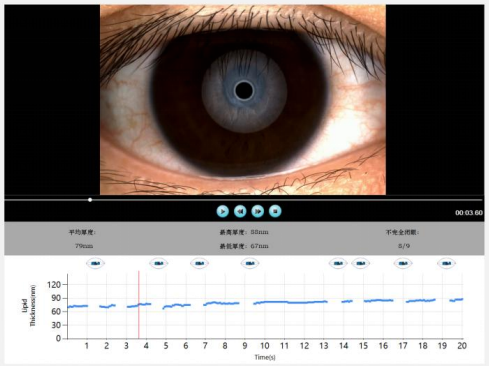
TMH

Infrared photography:
Using infrared as the light source, it does not stimulate tear secretion, making it more comfortable and the results more realistic
Visible light shooting:
Penetrating white light technology allows for clearer viewing of the tear stream, making it easier to observe its continuity



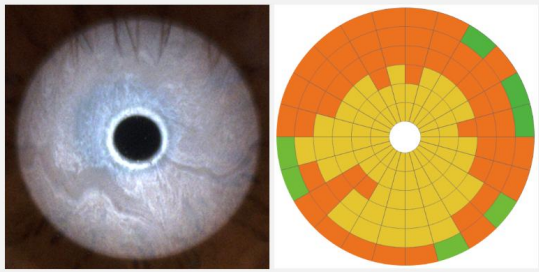
MEIBO

Professional infrared imaging can clearly observe the morphology of meibomian acini
AI image enhancement
Supports automatic recognition, enhances gland contrast, and automatically calculates the proportion of meibomian gland loss



LIPID LAYER DYNAMIC

By using a uniform mask projection and recording automatic progress analysis, the entire range of the lipid layer can be clearly observed, and real-time changes in lipid layer thickness can be observed during each eye opening period
Using professional AI algorithms, quantitative analysis of lipid layer thickness measurement can be accurate to 1nm

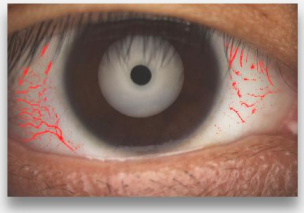


LIPID LAYER STATIC

High precision
Adopting uniform mask projection, it can fully present the true color and shape of the lipid layer
Using professional AI algorithms, the measurement of lipid layer thickness can be accurate to 10nm

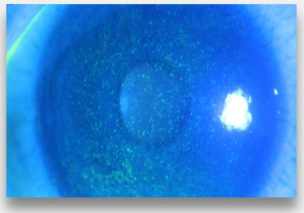
BLINKING

Automatic recognition, statistics, and playback
In the lipid layer dynamic analysis project, simultaneously automatically identify and
record incomplete blink data



RED EYES

Conjunctiva, ciliary, two modes
Multidimensional analysis of ocular surface congestion in subjects
Provide more basis for diagnosis



STAINING

Professional yellow filter
Make corneal fluorescein sodium staining images clearer

PROFESSIONAL DRY EYE
+ DIGITAL SLIT LAMP

MULTIPURPOSE

The digital slit lamp is equipped with a professional dry eye inspection module, which can be owned by one device

LIGHT SOURCE

Professional halo design, larger and more uniform projection area, obtaining more complete lipid layer analysis data

ALL - IN - ONE

Provide comprehensive dry eye examinations to provide multi-dimensional and reliable results for outpatient services

AUTO

automatic analysis
Fully automatic identification, measurement, and analysis

QUANTITATIVE

Quantification of results
Quantify the analysis data to numerical values

PARAMETER

model					
Optional slit lamp	Type B	Type B	Type B		＼
Digital collector	CCD	CCD	CCD		CCD
Uniform halo	＼	Yes	Yes		Yes
TMH	M	M	M	M	A
NIBUT	M	M	M	M	A
Lipid Layer Static	M	M	M	M	A
Lipid Layer Dynamic	＼	＼	＼	＼	A
Incomplete blinking	＼	＼	＼	＼	A
Red Eyes	M	M	M	M	A
Gland opening	M	M	M	M	M
Meibo	M	M	M	M	A
Corneal Staining	M	M	M	M	A
Mite function	＼	＼	＼	＼	＼

M Manual
A Automatic