KANGHUA

SLM-6E(B)

Galaxy dry eye analyzer

First dry eye analyzer which was designed
Base on digital slit lamp in the world

First professional dry eye analyzer which
Was issued registration
Certificate by administration

Product Features

Optical microscopy combined with high-definition digital imaging to provide cell-level images.

Non-irritating Infrared light illumination to ensure the accuracy of tear film measurement.

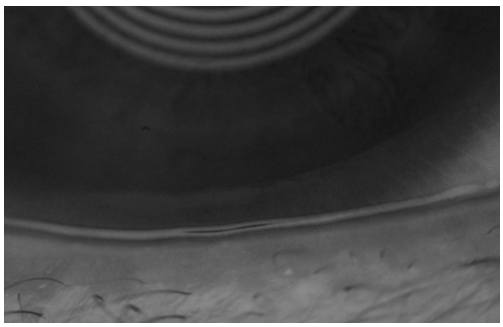
One-stop inspection for anterior segment, operate easily and high-efficiency

Optical resolution is 2300 lp/mm

Comprehensive Detection Of Ocular Surface Microenvironment

Measure The Tear Meniscus Height (TMH)

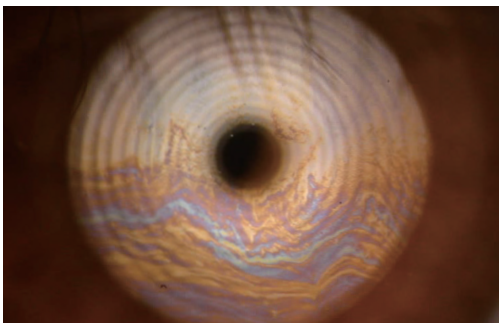
New!



High-difinition imaging with infrared illumination, non-invasive, without irritation, ensure to get clearer images, to get real situation of tear secretion;
Optional automatic calculation of TMH, operate easily and conveniently.

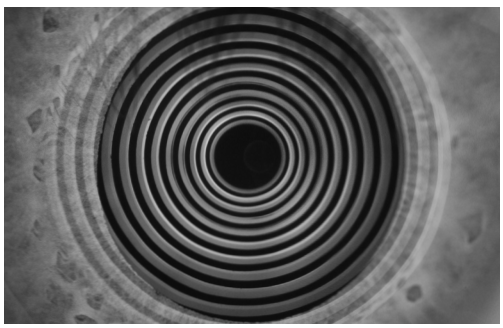
Analysis The Lipid Layer

New!



Specialized interference illumination and image system to real-time monitoring the lipid layer's colors, flows, uniformity; Automatic calculation of lipid layer thickness with 1nm precision; Recording incomplete blinking times to assess blink quality and determine the dry eye due to tear dynamic abnormalities.

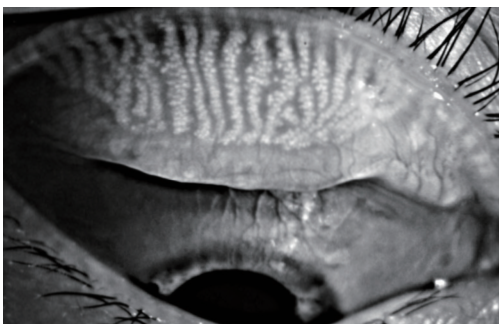
Measure The Tear Film Break-up Time (TBUT)



Infrared illumination, non-invasive, non-irritating, ensure smooth examination; High-definition video real-time monitoring of tear film changes; Automatic calculation of the first and mean break-up time, providing a more objective and accurate assessments.

Analysis The Meibomian Glands

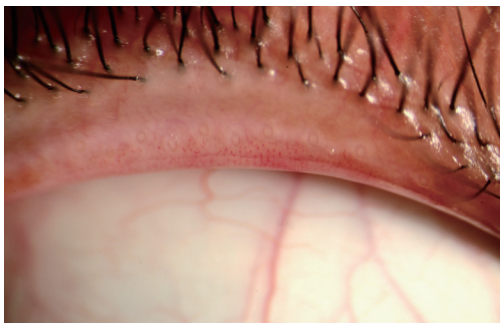
New!



Objectively assess the meibomian glands loss, access the dry eye of lipid abnormality, supporting clinicians in immediate management of meibomian gland conditions; Optional automatic calculate the proportion of meibomian gland loss.

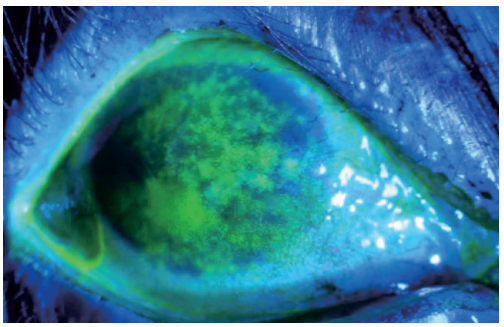
The device detects and analyzes tear film morphology and eye surface signs through high-definition imaging, To determine the type of dry eye: water deficient type, lipid abnormal type, mucin abnormal type, tear dynamics abnormal type, or mixed type.

Analysis The Eyelid Margin



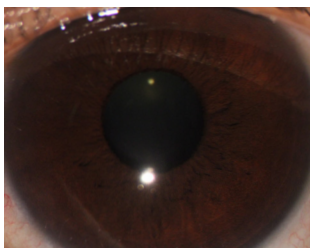
Clearer assesses changes in Meibomian Gland Opening and Eyelid Margin in standard comparison chart, assisting in determining the dry eye due to lipid abnormality; Observe the form and expressibility of meibomian during meibomian gland compression through the eyepiece;

Analysis The Corneal Staining



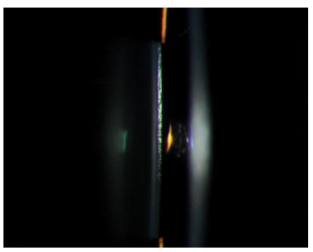
Evaluate integrity of corneal epithelial, and assess the severity of dry eye; Provides a basis for the diagnosis dry eye due to mucin-deficient; Specially designed yellow filter enhances the contrast of images quality with cobalt blue light , to show the subtle corneal changes.

Analysis The Eye Redness



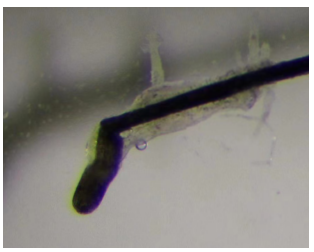
With high-definition optical imaging, to get better discrimination for the inflammation; Automatic quantifications for conjunctival/ciliary congestion levels, to judge the inflammation in other intraocular tissues.

Routine Ocular Surface Examination



Other routine slit lamp examinations can be made; No need to change equipment or parts, quickly screening for other ocular surface lesions caused by dry eye.

Optional Mite Examination

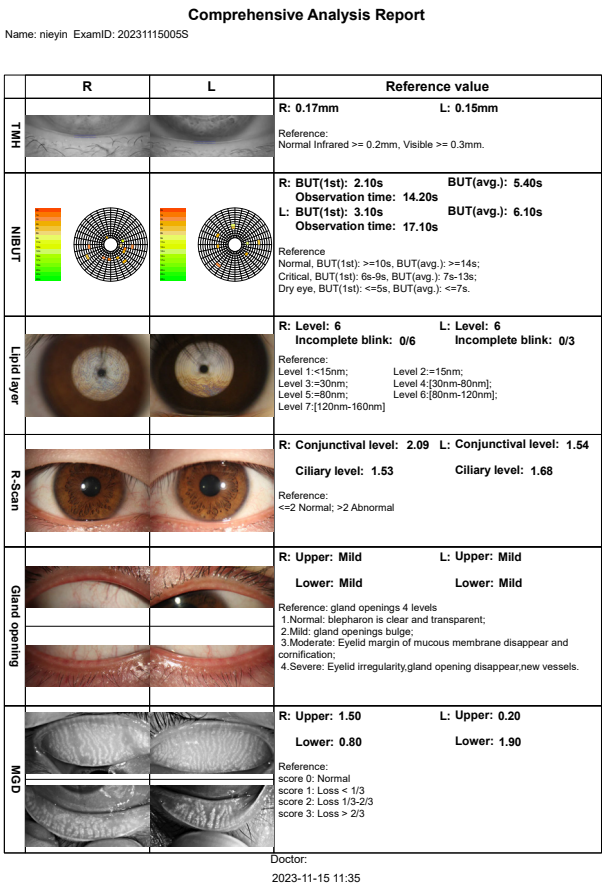


Examine demodex mites in eyelash follicles, assisting in judging abnormal lipid dry eye; Replace the biological microscope, improve ex amination efficiency, and reduce patient waiting time.

Illustrated And Clear To The Mind Diagnostic Report

Automatically generate report forms based on inspection results, eliminating the need for manual filling by operators, simplifying the operation process;

The report form is illustrated and textual, making it easy for doctors to clearly grasp the patient's condition and communicate with them.



Comprehensive Analysis Report

Name: nieyin ExamID: 20231115005S

	R	L	Reference value
TMH			R: 0.17mm L: 0.15mm Reference: Normal Infrared >= 0.2mm, Visible >= 0.3mm.
NIBUT			R: BUT(1st): 2.10s BUT(avg.): 5.40s Observation time: 14.20s L: BUT(1st): 3.10s BUT(avg.): 6.10s Observation time: 17.10s Reference Normal, BUT(1st): >=10s, BUT(avg.): >=14s; Critical, BUT(1st): 6s-9s, BUT(avg.): 7s-13s; Dry eye, BUT(1st): <=5s, BUT(avg.): <=7s.
Lipid layer			R: Level: 6 L: Level: 6 Incomplete blink: 0/6 Incomplete blink: 0/3 Reference: Level 1:<15nm; Level 2:=15nm; Level 3:=30nm; Level 4:[30nm-80nm]; Level 5:=80nm; Level 6:[80nm-120nm]; Level 7:[120nm-160nm]
R-Scan			R: Conjunctival level: 2.09 L: Conjunctival level: 1.54 Ciliary level: 1.53 Ciliary level: 1.68 Reference: <=2 Normal; >2 Abnormal
Gland opening			R: Upper: Mild L: Upper: Mild Lower: Mild Lower: Mild Reference: gland openings 4 levels 1.Normal: blepharon is clear and transparent; 2.Mild: gland openings bulge; 3.Moderate: Eyelid margin of mucous membrane disappear and cornification; 4.Severe: Eyelid irregularity,gland opening disappear,new vessels.
MGD			R: Upper: 1.50 L: Upper: 0.20 Lower: 0.80 Lower: 1.90 Reference: score 0: Normal score 1: Loss < 1/3 score 2: Loss 1/3-2/3 score 3: Loss > 2/3

Doctor:

2023-11-15 11:35

Comprehensive report provides comprehensive graphic and textual data; Presentation of individual examination results and image details in itemized reports;

Progress analysis report presents changes in various examination data at different time periods。

dry eye disease progress analysis report

Name: 212 PatientID: 1 ExamID: 20231215010S

TMH/mm

NIBUT/s

Lipid layer/nm

R-scan/Level

Glanding openings/score

Meibomian gland/score

0:Normal; 1:Mild; 2:Moderate; 3:Severe

Doctor:

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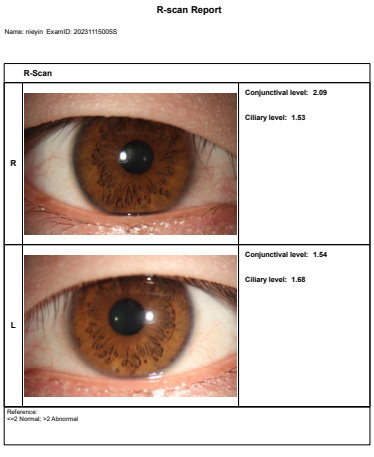

R-scan Report

Name: nieyin ExamID: 20231115005S

R-Scan		
R		Conjunctival level: 2.09 Ciliary level: 1.53
L		Conjunctival level: 1.54 Ciliary level: 1.68
Reference: <=2 Normal; >2 Abnormal		

description

Doctor:

2023-11-15 11:36