



*The Comprehensive
and Professional Dry
Eye Examination and
Diagnosis System*



NORWOOD DRY EYE ANALYZER

NDE-3000



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DRY EYE ANALYZER**

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*The Comprehensive
and Professional Dry
Eye Examination and
Diagnosis System.*

PRODUCT FEATURES
7 Supported Dry Eye
Examination Functions

Prints Detailed Reports and Pictures

Non-Invasive Examination

Easily Executed By Staff

Fast Testing Completion (≤ 5 min)

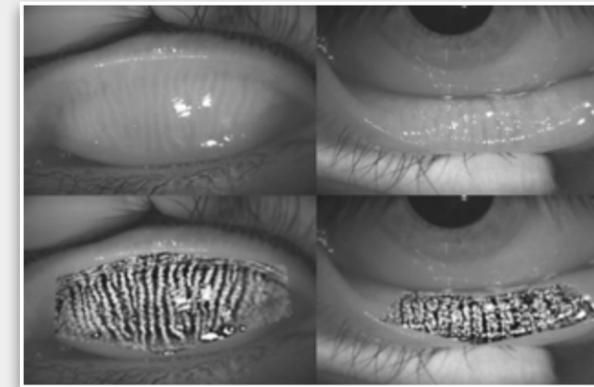
Supports Patient Management Efforts



Attachments

White or Placido Ring

*Attachments easily connect to, and
detach from the unit via magnets and
are provided in an attractive display
box for safe keeping.*



**Meibomian Gland
Imaging Analysis**

High-Contrast Imagery

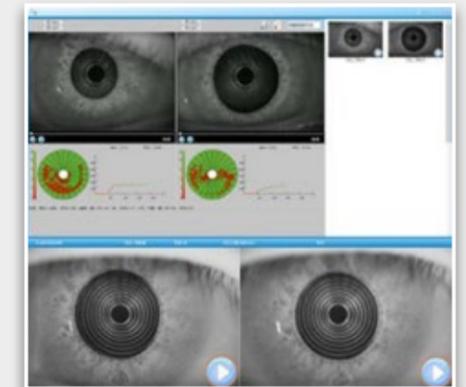
Infrared images are processed automatically by the software to obtain high-contrast meibomian gland images, which allow for clear observation of the shape of the meibomian glands.

Auto-analysis

Proprietary software allows for simple operation and automatically analyzes the proportion of glands missing, providing more stable results.

Comfort

The unit was designed with patient comfort in mind and uses infrared light with a wavelength of 850µm, limiting any discomfort.



**Non-Invasive
Break-Up Time**

Using the Placido ring attachment, a ring of infrared light is non-invasively projected onto the surface of the tear film to form an image, and the tear film rupture time can be determined by viewing the deformation and fracture of the ring image.

Reliable

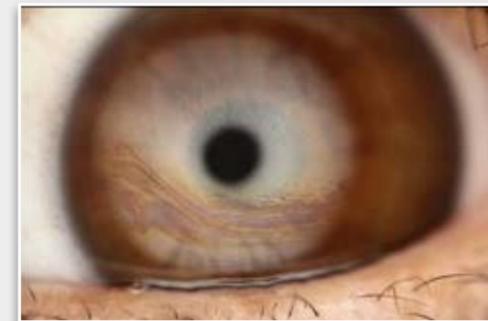
The use of infrared light with a wavelength of 850µm promotes patient comfort while limiting the stimulation of tear production. The instrument is able to record the insisting time of the tear film in the original state of the eye resulting in more reliable detection.

Auto-analysis

Proprietary software allows for simple operation and automatically analyzes the projection ring change and obtains the tear film break up time value.

Comprehensive

The instrument provides first and average rupture time, a tear film rupture plate diagram, and curve diagram, for a comprehensive visual display of tear film rupture.

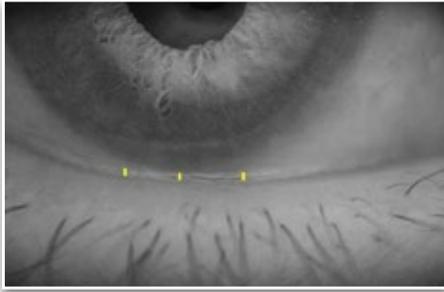


Lipid Layer Analysis

The white ring projection completely presents the true color and shape of the Lipid Layer.

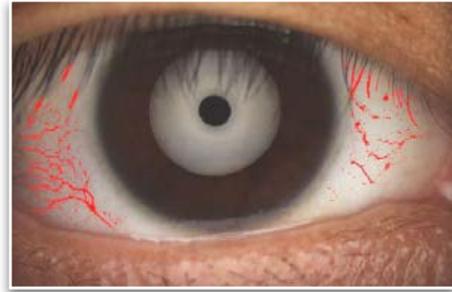
Professional AI algorithm measures lipid layer thickness to 10nm accuracy.

Using low-brightness lighting, no stimulation is felt by the naked eye, the patient is more comfortable, and the result is more reliable



Tear Meniscus Height

Infrared light with a wavelength of 850nm will not stimulate the secretion of tears, resulting in test accuracy and patient comfort



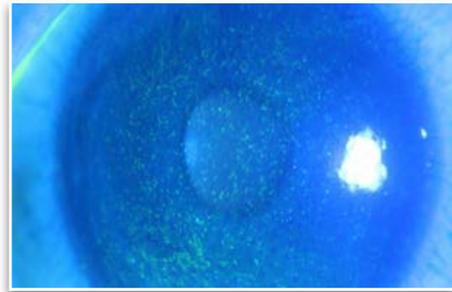
Ocular Redness Analysis

*Two test modes - Conjunctiva and Sclera
Multi-dimensional analysis of the ocular surface hyperaemia*



Gland Opening

HD Eyelid Image clearly obtains the overall shape of the eyelid margin and changes in gland openings



Corneal Staining

Professionally designed yellow filter makes fluorescein sodium-stained image more clear



Fully automatic software analysis+ quantification of testing standards



COMPUTER SOLD SEPARATELY



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