

omniCad[®]

**ULTRA SMART
POWERFUL IMAGING**



LUMIBIRD[®]
MEDICAL

Imaging Platform
Ocular Surface Diseases

ULTRA INTEGRATED PLATFORM

PRECISE

HD auto focus camera integrating a unique optical module with liquid lens for fast & precise exams with an excellent image quality

TACTILE

Large HD tactile screen & joystick to simplify the exam

POWERFUL

- Powerful GPU card & computer
- High capacity of data management & data storage
- High performance AI algorithms
- Fast result analysis



VERSATILE

- Multiple light sources (white, infrared, blue), yellow filter & several cones to perform different ocular surface exams
- Automatic exams to qualify and quantify disease
- Easily delegable



ERGONOMIC

- Rotating chinrest to fit to all face shapes
- Optimized cones to limit light reflections and shadows on the examined area
- Eyelid everter with transillumination for high quality meibography
- Comfortable light intensity for the patient



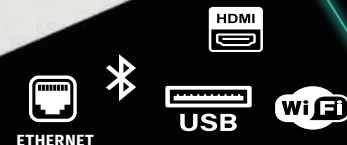
INTUITIVE

- Customizable exam protocols
- Fast exams workflow
- Automatic and accurate analysis
- One-click results report



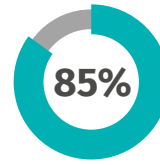
CONNECTED

DICOM
HDMI, Ethernet, USB ports
Wifi, Bluetooth
Remote service diagnostic



MEIBOGRAPHY

MEIBOMIAN GLAND
DYSFUNCTION:



of dry eye patients



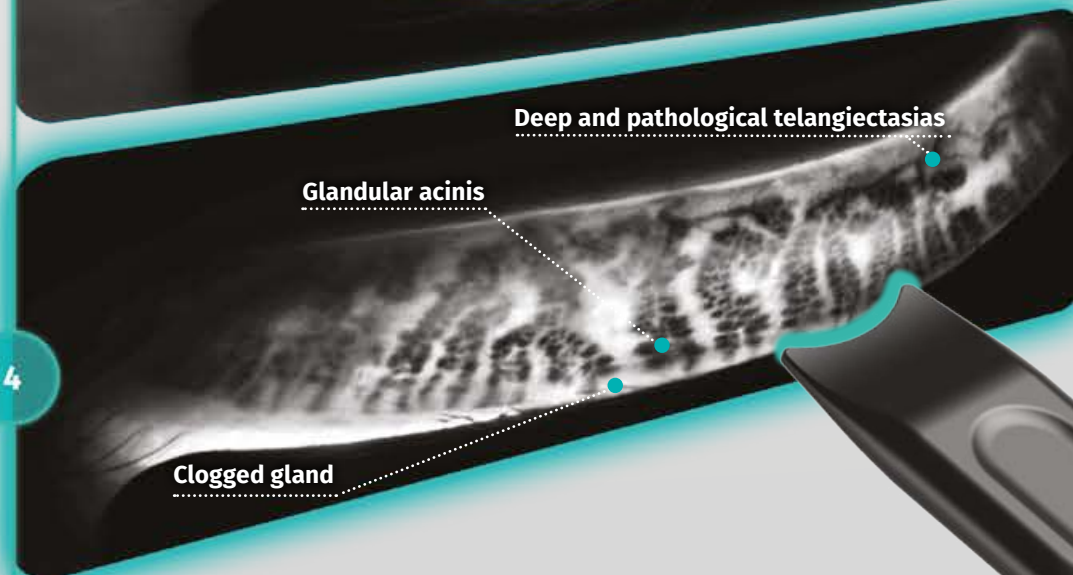
VASCULARIZATION



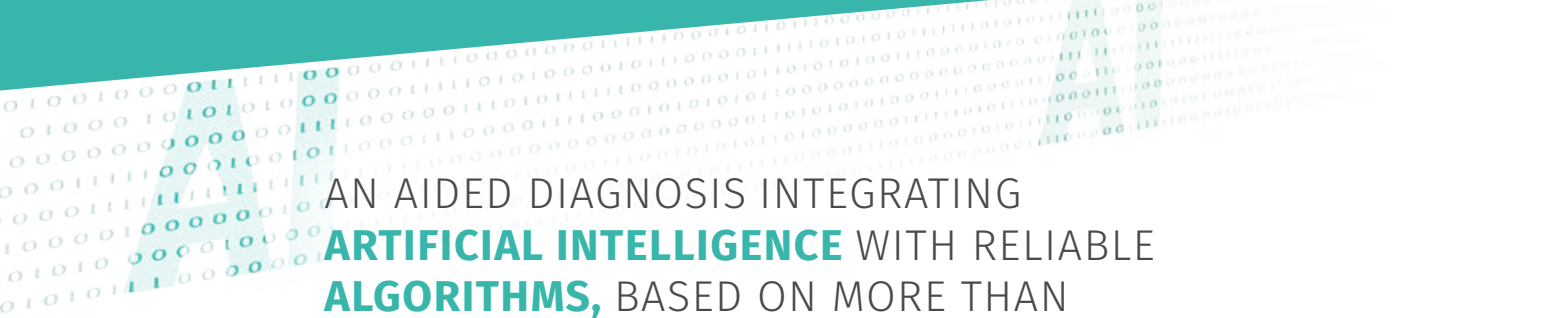
GLANDS
OBSERVATION



GLANDS
QUANTIFICATION



GLANDS
FUNCTIONALITY IN
TRANSILLUMINATION



AN AIDED DIAGNOSIS INTEGRATING
ARTIFICIAL INTELLIGENCE WITH RELIABLE
ALGORITHMS, BASED ON MORE THAN
A MILLION OF IMAGES AND
VALIDATED CLINICALLY BY EXPERTS



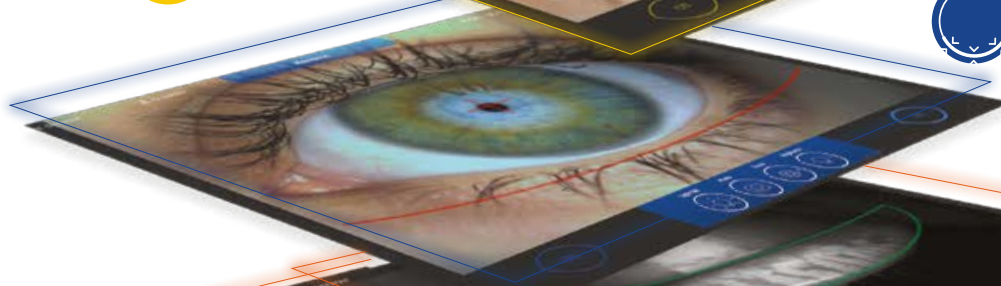
TEAR STABILITY 



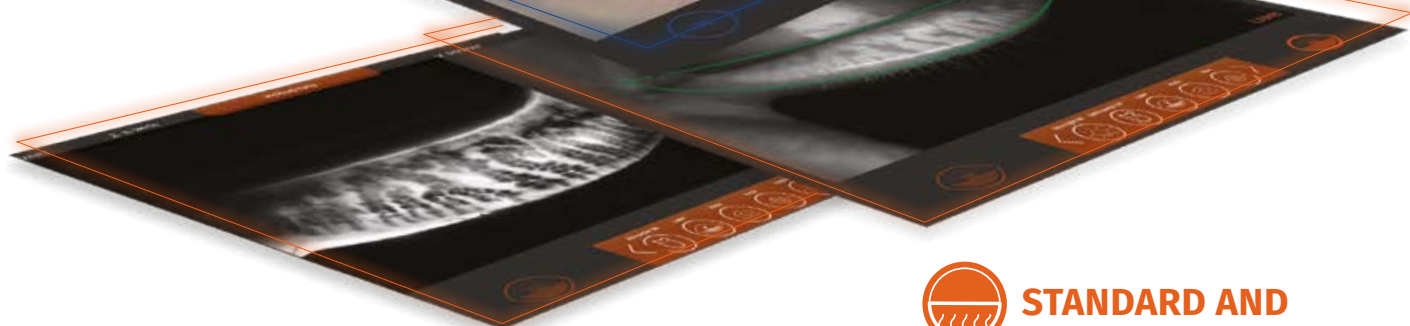
LIPID LAYER 



TEAR MENISCUS 



STANDARD AND TRANSILLUMINATION MEIBOGRAPHY 



+

MORE EXAMS

Exams in **colors** and in **fluorescein**, **triage and symptoms questionnaires** (DEQ-5, OSDI®, SPEED™), **grading scales** (Efron, Oxford, Guillon)



COMPLETE EXAMS IN PRE AND POST OSD TREATMENT

3 CONFIGURATIONS
AVAILABLE

1 STANDARD
CONFIGURATION



2 CONFIGURATION
WITH SCREEN FOR
EXAM VISUALIZATION
BY THE PATIENT

AND

3 WITH DEDICATED
EXAMINATION TABLE



TECHNICAL SPECIFICATIONS

Type	Optical imaging platform for ocular surface diagnosis
Image resolution	Up to 3088 x 2076 px
Acquisition mode	Photo or video
Light source	White LED, Blue LED, Infrared LED
Yellow filter	Yes
Focus	Automatic or manual
Exams	Tear stability, Blinks, Lipid Layer, Tear meniscus, Standard Meibography and Transillumination Meibography, Fluo Stability, Generic
Questionnaires	Triage (TFOS-DEWS II™), symptoms (OSDI®, SPEED™, DEQ-5)
Grading scales	Efron, Oxford, Guillon, Pult
DICOM	Import patient worklist
Connection	4 USB ports, 1 Ethernet port, 1 HDMI port, Wifi, Bluetooth
Screen	Color touch screen 15"
Computer	1 To SSD hard disk, Windows® 10 Enterprise
Eyelid everter	Standard Meibography and Transillumination Meibography
Temperature	15-30°C
Power supply	110/230 VAC, 50/60 Hz, 500 VA
Dimensions	Standard configuration: 500 mm (W) x 500 mm (H) x 500 mm (D) 19.68" (W) x 19.68" (H) x 19.68" (D) Configuration with secondary screen: 600 mm (W) x 500 mm (H) x 500 mm (D) 23.62" (W) x 19.68" (H) x 19.68" (D)
Weight	15 kg (33.07 lbs)
Accessories in option	Secondary screen for exam visualization by the patient (10.1"), examination table with keyboard drawer

Specifications are subject to change without notice. Non contractual pictures.
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about the products



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