

# Retina 400

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**MetaMata Medika** OPTHALMIC - OPTOMETRIST  
OPHTHALMOLOGY EQUIPMENTS  
& SUPPLIES  
**essilor**

THE SIMPLE AND  
FLEXIBLE SOLUTION  
FOR HIGH DEFINITION  
RETINAL IMAGERY



Retina 400

NON-MYDRIATIC RETINAL CAMERA

NO AKL: KEMENKES RI AKL 21201810035



60° H X 45° V



2,2 mm



LED



Auto



Cup-to-disc



5 MP photo

**Optometry**



# THE SIMPLE AND FLEXIBLE SOLUTION FOR HIGH DEFINITION RETINAL IMAGERY

With its wide field of vision and high resolution sensor, **Retina 400** is the ideal solution for high-quality retinal imaging. It benefits from a software with automated operations, for faster and more effective analysis. This flexible and user-friendly non-mydratic retinal camera can be adapted to all types of practice set-up and will ensure the comfort of your patients.



## PATIENT COMFORT GUARANTEED

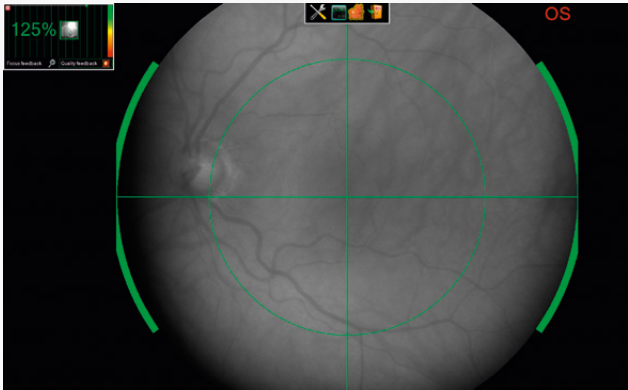
+ The Retina 400 adapts to even the smallest pupils to a diameter of 2.2mm. It needs no dilation in most cases.

+ Its LED flash produces a diffused light that reduces eye strain.

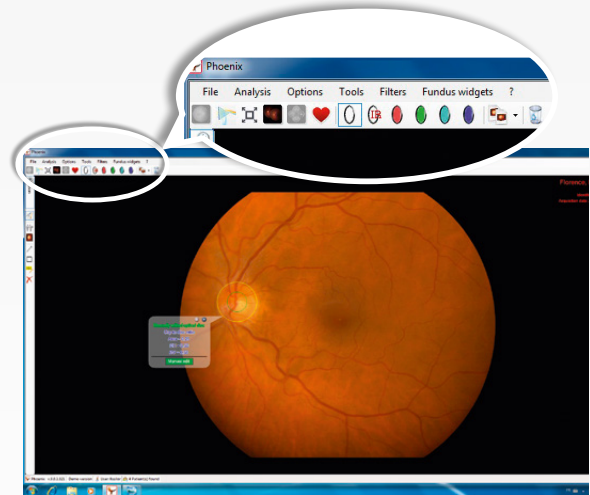
## LARGE AND HIGH-DEFINITION IMAGES

- With a wide field of vision of 60°x45° and 5 Megapixels sensor, the Retina 400 provides high resolution retinal images for detailed screening and analysis.
- MOSAIC function allows you to combine photos from different areas to recreate a more complete view of the retina.

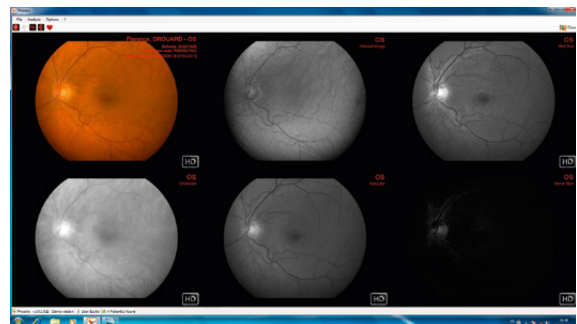
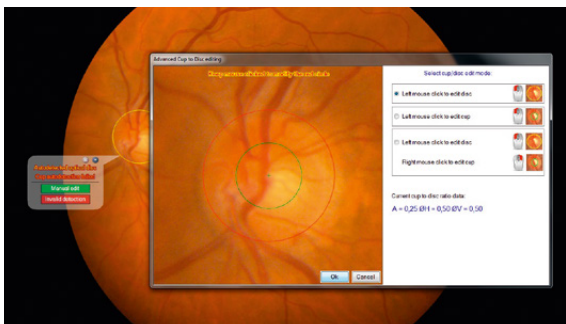
# SIMPLE IMAGING AND AUTOMATED SOFTWARE OPERATIONS



- Different screen indicators simplify focusing, aligning and imaging.
- It enables you to delegate the capture of images.

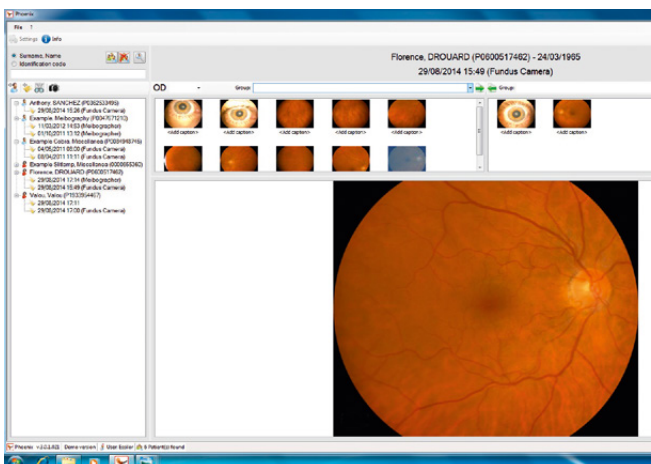


- The intuitive interface of the ANAEYES™ software facilitates a quick start and easy navigation.



The ANAEYES™ software includes control functions that make processing and analysis easier and faster:

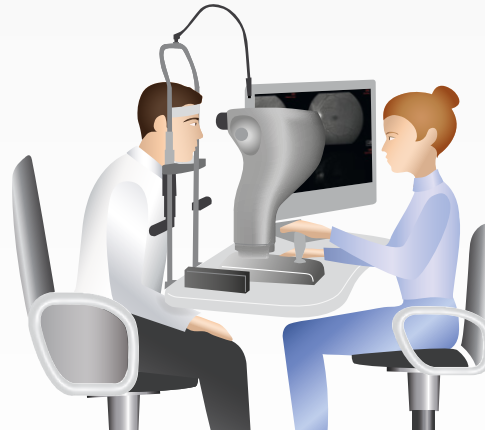
- automatic calculation of the Cup-to-Disc ratio
- automatic image split according to different filters.
- automatic combination of images in mosaic format.



- Thanks to its database, ANAEYES™ software enables you to store all information and provide a personalized monitoring of each patient file.

## A FLEXIBLE SOLUTION FOR ALL TYPES OF PRACTICE SET-UP

- The ANAEYES™ system allows you to organize imaging, processing and analysis any way you want. You can connect the Retina 400 up to two additional work stations.
- Imaging and analysis of results can be performed on site or remotely.
- Connection and set-up require a single connection to the practice network that can be wireless.



IMAGING + ANALYSIS > IN PRACTICE



IMAGING > IN PRACTICE



ANALYSIS > ELSEWHERE IN PRACTICE

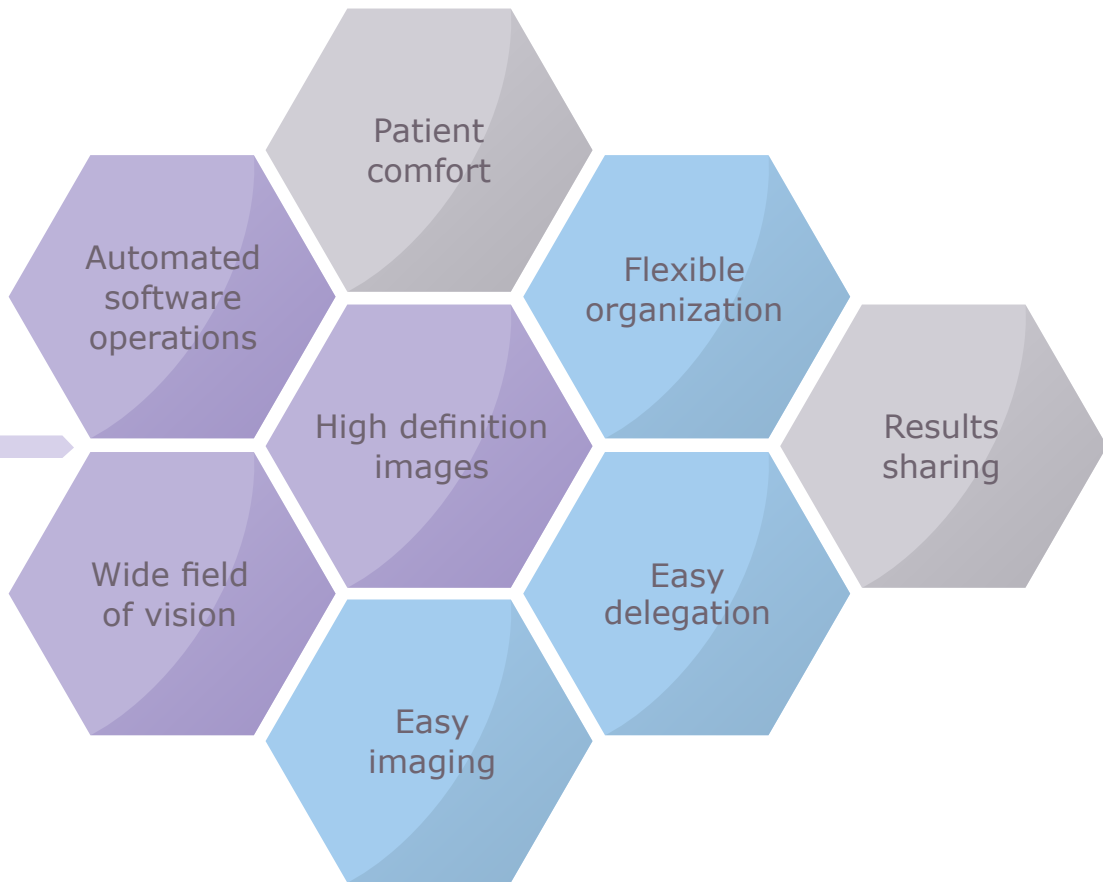


IMAGING > IN PRACTICE



ANALYSIS + RESULTS > CENTRAL READING CENTER

## A RAPID AND ACCURATE SCREENING



## A MODERN AND USER-FRIENDLY EXPERIENCE



- > A high-tech solution with sleek design to enhance your work environment.
- > The independent screen facilitates the sharing of results with patients.

## SPECIFICATIONS

LIGHT SOURCE	White LED - Infrared LED
RESOLUTION	2 MP (1624x1232), 5 MP (2448x2052)
ACQUISITION FIELD DIOPTERS ADJUSTEMENT	60° horiz. 45° vert. +10D /-20D
PC CONNECTION	IEEE1394 A or B, DICOM (if available) Network capability TCP/IP
DIMENSIONS WEIGHT	41cm (H) x 26cm (D) x 32cm (base rod) 7kg approx

CE Conformity marking

### MINIMUM HARDWARE AND SOFTWARE REQUIREMENTS

#### PC DESKTOP:

- Processor Intel® Pentium Dual Core™ 2.00 GHz - 2 GB RAM
  - Firewire 1394A board OHCI 1.1 compatible
- Video board 512 MB RAM (not shared) resolution 1280x1024 pixels

#### SOFTWARE:

- Windows® XP Home SPK3
  - Windows® XP Professional SPK3
- Windows Vista® 32 bit Home premium
- Windows® 7 Home and Pro 32 bit and 64 bit.

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### PRODUCT FUNCTIONS



Field of vision



Minimum pupil diameter



LED Flash



Mosaic function



Cop-to-disc function



Photo resolution



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