



Remidio **INSTA Z**

Revolutionizing Retinal Imaging with the Fastest Fully Automated Fundus Camera
Automation. Precision. Intelligence.

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- **Imaging in 15 Seconds per eye**
- A fully automated, non-mydriatic fundus camera that captures high-quality images with minimal training.
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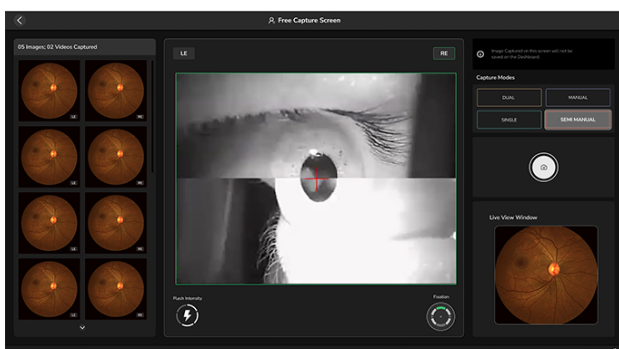
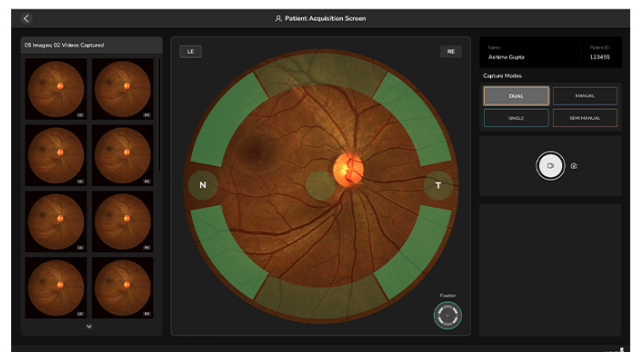
Compact Design

A space-saving system that integrates easily into any setting, bringing advanced eye screening anywhere.



Laser-Based Autofocusing System

Delivers crystal-clear retinal images using AI-powered pupil tracking.

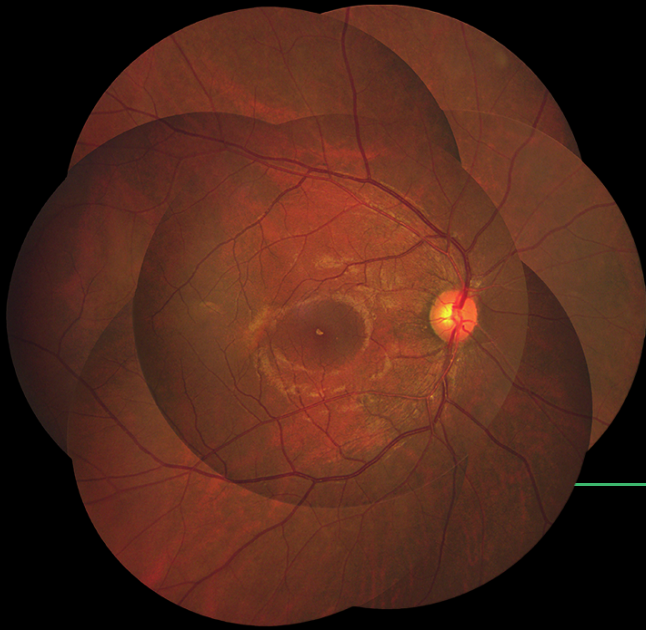


Minimum pupil size : 2.6mm

Delivers high-quality images even through pupil as small as 2.6mm.

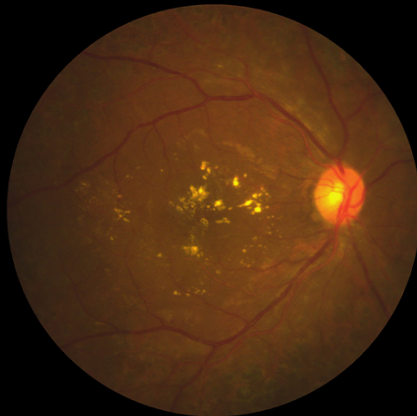
**See More. Know More.
Diagnose Better.**

Delivering precision, clarity,
and confidence in every retinal image.

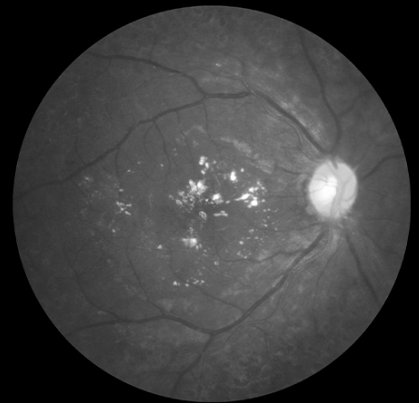


45° coverage in a single shot,
expandable up to 75° with montage.

Imaging modalities



True color

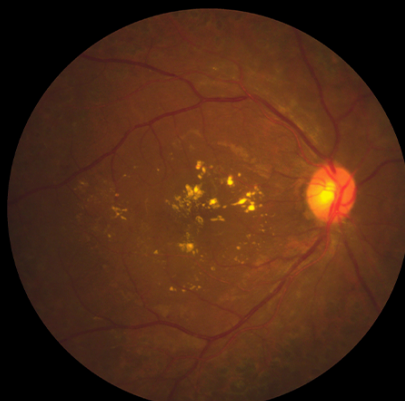


Red free

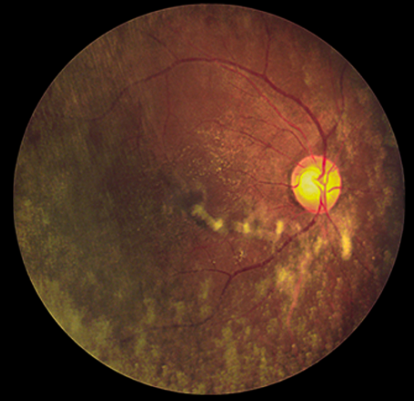
Case Images



Macula Scar with
Drusenoid Changes



PDR S/P PRP



Asteroid Hyalosis

Product specifications

Model/Part No.	Remidio Insta Z / 1000010041
Imaging Type	Non-Mydriatic
Field of View for Single Image	45°
Field of View for Montage of 7 images of each eye	75°
Minimum Pupil Size	2.6mm
Dioptric Compensation Range	-15D ~ +15D
Operation Mode	Automatic (Auto-Pupil Targeting, Auto-focus, Auto-Capture) / Manual
Auto-Tracking	X-Y-Z Direction
Fixation Target	7 Internal Fixation
Light Source	Infrared for Focusing + Flash
Flash Type	LED for Image Capturing
Image resolution	Center: ≥ 60 lp/mm, Mid: ≥ 40 lp/mm, Edge: ≥ 25 lp/mm
Image modes	True Color Retinal Imaging, Red-free Retinal Imaging
Interface	Laptop
Device Type	Table Top
Built-In AI	Diabetic Retinopathy

Laptop interface

Display	Integrated 15.6" FHD (1920×1080)
Processor	13th Gen Intel® Core™ i5-13420H (8 Cores, 12 Threads, 2.1 GHz Base)
Memory (RAM)	16 GB DDR4
Storage (Hard Drive)	SSD (512 GB)
Operating System	Windows 11 Home (64-bit)
Interfaces	USB 3.2, USB-C, HDMI, Audio Jack, Wi-Fi, Bluetooth

Dimensions/Power supply

Device Dimensions	L420*W250*H480
Weight	14 kg.
Device Power Supply	AC 100-240V, 50/60Hz, 120W



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Insta Z16, Sales brochure

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