SYSEYE

Portable A.I. Robotic Fundus Camera

KESTREL 300

NEW

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Portable A.I. Robotic Fundus Camera

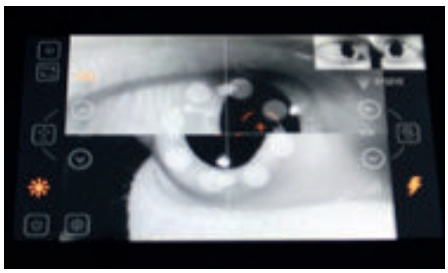
KESTREL 300

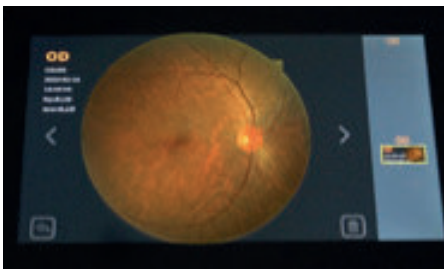
Kestrel 300 is a brand new, fully automatic, portable fundus camera with compact design, easy to carry features, fully automatic design, and user friendly operation.

It comes equipped with a high definition image acquisition system that allows for easy uploading of images to the cloud. With the help of A.I. Technology, it enables artificial intelligence film reading and allows you to have access to an eye health expert anytime and anywhere.

FAST

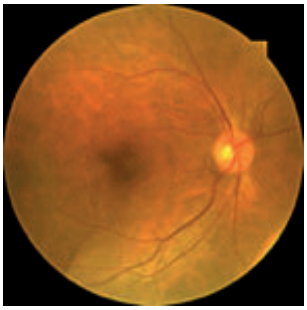
- Complete a binocular examination in 30 seconds and provide immediate results.
- The Kestrel 300 features a fully automatic operation process allowing the examinee to complete a fundus examination of both eyes in just 30 secs without requiring mydriasis.
- This greatly improves the efficiency of diagnosis and treatment.





HIGH DEFINITION

- Provides high definition images with 20 million pixels.
- Clear fundus imaging is crucial for the accurate diagnosis of retinal diseases. The Kestrel 300 features a built in 20 million high definition pixel CCD designed specifically for fundus imaging, along with an automatic focusing and exposure system that allows for perfect presentation of fundus details.



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PORTABILITY

- Applies to any medical and health scene
- Compact appearance, net weight only 3.5Kg, which makes it highly portable.
- The Kestrel 300 is applicable for large-scale population screening in hospitals, optometry centers, physical examination institutions, as well as other large health fields and scene, such as insurance companies and pharmacies.

A.I. INTELLIGENCE

- Self service operation, artificial intelligence film reading.
- Built in voice system guides users through the detection process for a self guided experience.
- Results can be uploaded to cloud servers for A.I. Based image analysis.
- The Kestrel 300 can help reduce the demand for healthcare professionals to perform fundus examinations and image analysis, thus addressing the shortage of ophthalmologists in primary healthcare institutions.

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Specification

Image Acquisition System	
Acquisition modes	Non-mydriatic / mydriatic
Field of view	50°
Working distance	15mm
Minimum pupil size	≥ 3.00mm
Focus modes	Auto / Manual
Exposure modes	Auto / Manual
Operation	Auto / Manual
Photography	CMOS
Resolution	20 megapixels
Diopter compensation	±15D
Fixation	Internal Fixation
Autofocus Assistance	Dual Camera
DICOM 3.0	Yes
Customization A.I. port	Yes

Others	
Dimensions	284mm (L) x 306mm (W) x 145mm (H)
Weight	3.6 Kg
Power Supply	100-240V 50/60Hz

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