SK8000
Paediatric Retinal Imaging System





133° wide field of view
Compact size, easy to carry
Excellent Image Quality

Paediatric Retinal Imaging System

---------- Fundus Screening for infants and children



- Retinopathy of prematurity (ROP)

- Familial exudative vitreoretinopathy (FEVR)

- Retinoblastoma (RB)

- Permanent primitive vitreous hyperplasia (PHPV)

Congenital cataracts, glaucoma, fundus hemorrhage, retinal hemorrhage, optic papillomatous abnormalities, optic disc dysplasia, choroidal defect, optic atrophy, and many other fundus diseases.

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Core Technologies of SK-8000

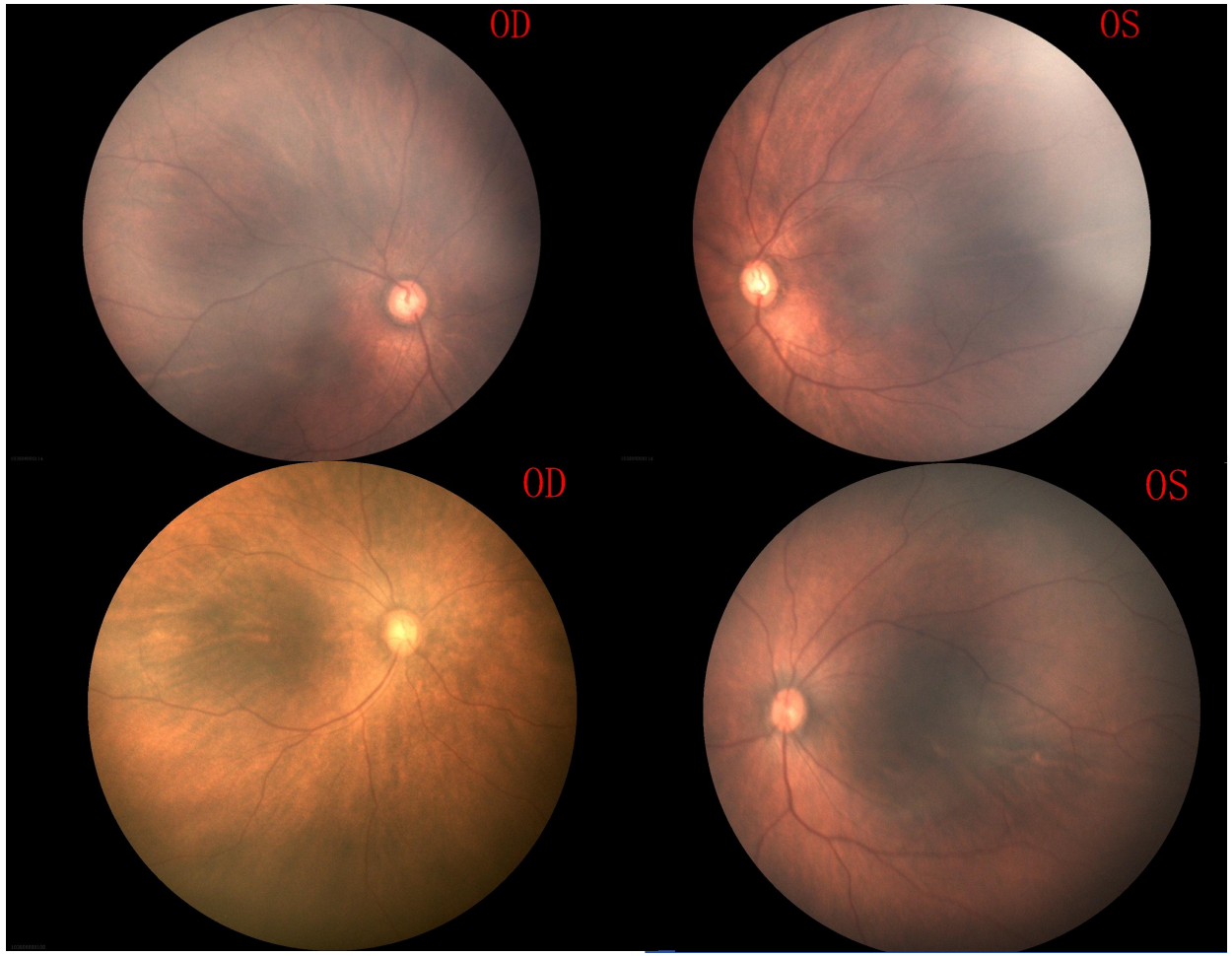
133 Degree Field of View allowing for excellent peripheral imaging



Easy to use Software; Lighweight and very portable, DICOM connectivity

Post-image picture editing suite; video mode with single frame stiill image quality

Wide-angle Imaging

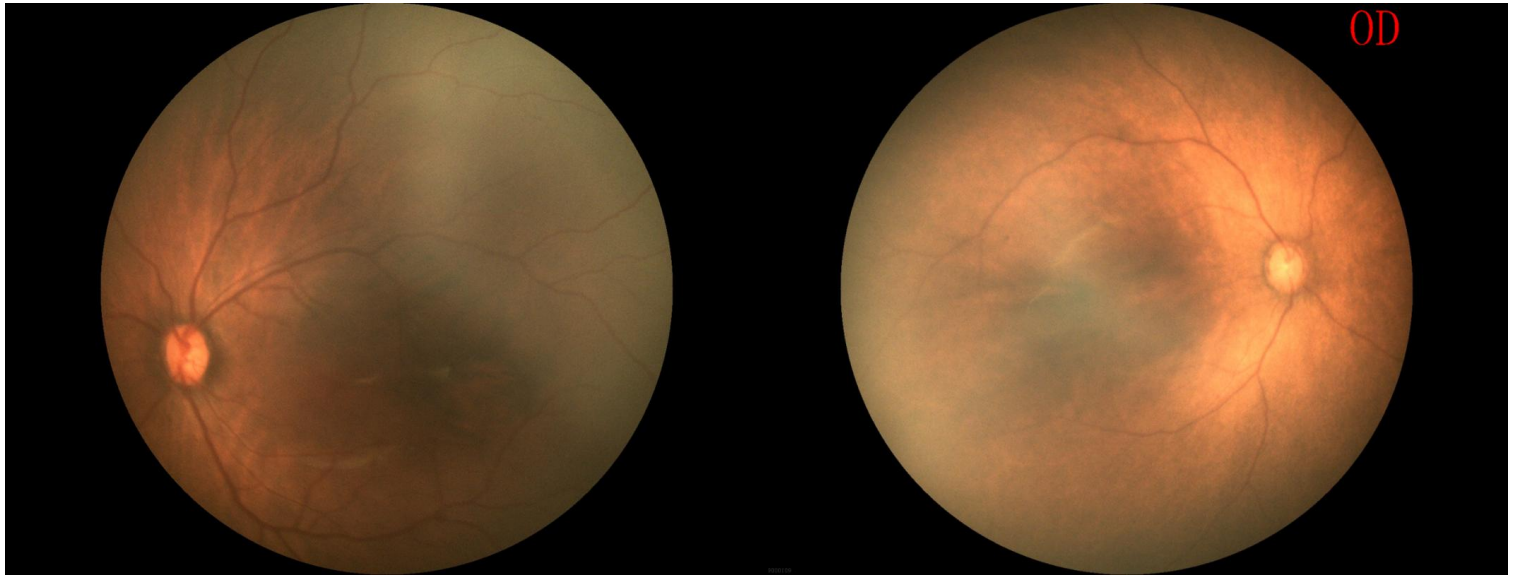


Adoption of aspherical lens group and adaptive optical algorithms, in the ultra-wide viewing angle can still **maintain the center and edge of the picture quality** is consistent, to eliminate the traditional wide-angle lens aberration problem, to ensure that the shooting structure of the true restoration of the diagnosis to provide a reliable basis.

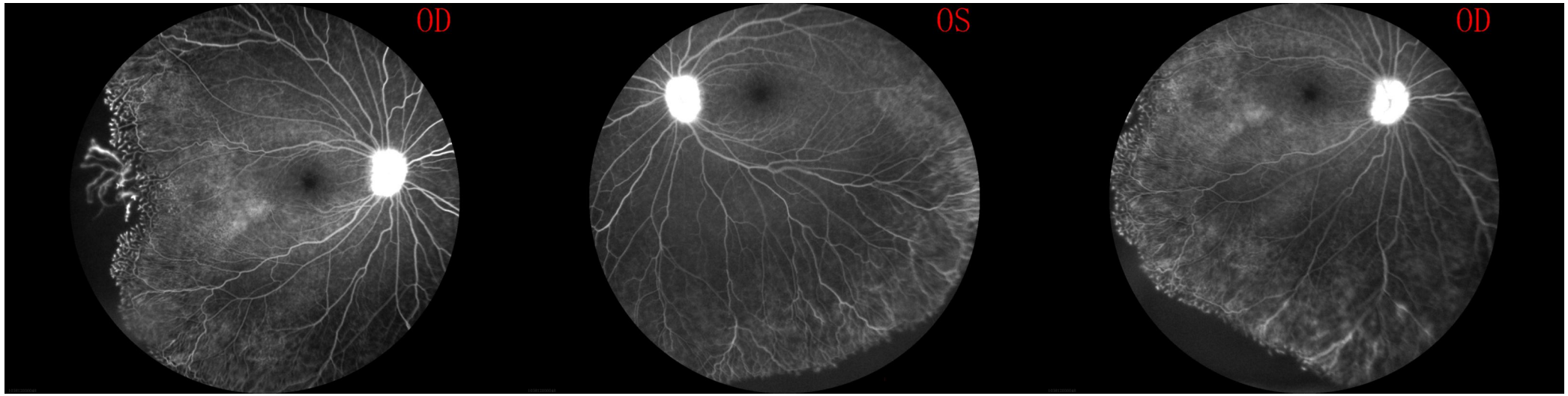
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Fiber-optic One-piece Imaging Technology

Innovative integration of ultra-fine fiber optic bundles and CMOS sensors **improves light transmission efficiency by 40%** and **significantly reduces image noise**. Combined with intelligent noise reduction algorithms, high contrast images can be presented even in low light environments, and subtle lesions (e.g. retinal hemorrhages, microangiomas) can be clearly identified.



Fundus Fluorescein Angiography (FFA)



- FFA function at the click of a button on screen
- No need to change module or handpiece
- Included in price

Technical Data

Basic Parameters		
Model	SK-8000A	SK-8000B
Field of view	133 degrees	
Minimum pupil	6mm	
Medical grade	professional CMOS collector	
Pixels	≥ 8 million	
Light source adjustment	Infinite dimming	
Lighting method	Built in integrated optical fiber	
Shooting method	Foot shooting, software shooting	
Shooting mode	Color photography	Color photography+fluorescence contrast
Focusing method	Manual focus	Autofocus
Lesion markers	Manual identification	Automatic identification
Interface	USB, DICOM	

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דטי

חברה מייצגת בישראל

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ISO TÜVRheinland FDA CE