

Optovue OCT/OCT-A by Visionix comparison chart

MODEL FEATURE COMPARISON	Optovue Solix	Optovue Solix Essential	Optovue iFusion 80	Optovue iVue 80	Optovue iScan 80
Technology					
Transverse Resolution (15 µm)	•	•	•	•	•
Scan Speed	120kHz	120kHz	80kHz	80kHz	80kHz
Axial Resolution (5 µm)	•	•	•	•	•
Optovue iWellness scan	•	•	•	•	•
Optovue AngioVue single scan for structural & vascular OCT	•	•			
Optovue AngioVue OCT-A with enhanced metrics	•	•			
Multi-volume averaging, SSADA	•	•			
3D PAR 2.0	•	•			
DualTrac – Motion Correction Technology (MCT)	•	•			
Pixel x Pixel deviation mapping	•	•			
Optovue AngioWellness scan	•	•			
Fully Automated with voice guided technology					•
Anterior Segment					
Anterior Radial	10 mm	10 mm	6 mm	6 mm	6 mm
Pachymetry	10 mm	10 mm	6 mm	6 mm	6 mm
Epithelial, stromal, and corneal, thickness mapping	•	•	•	•	
Angle scan and analysis with 4-up display	•	•	•	•	•
External color camera	•		•		
FullRange Anterior segment 18 x 6.25mm	•				
Exterior IR lid imaging	•				
Glaucoma					
3D Disc Cube	•	•	•	•	•
GCC Analysis	•	•	•	•	•
Nerve Fiber Layer Analysis	•	•	•	•	•
Comprehensive single eye and OU Reports	•	•	•	•	•
RPC density map and values	•	•			
100 µm RNFL circle at 3.45mm	•	•			
3 Times Repeatability and Reproducibility (R&R)	•	•			

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Retina					
EnFace	12x12 mm	12x12 mm	7x7 mm	7x7 mm	7x7 mm
3D Retina Cube	•	•	•	•	•
Radial Line	•	•	•	•	•
512x512 OCT-A scans	•	•			
3D vessel rendering	•	•			
AngioVue QuadMontage	•	•			
Widefield Retinal Thickness Map (OCT-A 12 x 12mm, 9 x 9mm)	•	•			
Fundus Camera	•		•		
FullRange Retinal scan 16 x 6.25mm	•				