

REVO nx

REVO 80

REVO 60

REVO SOCT
Copernicus



NEED FOR SPEED

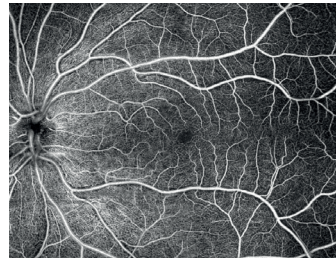
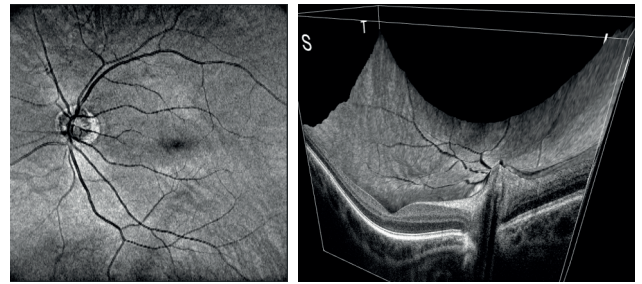
The 110 000 A-scan per second scanning speed allows for more detailed exams with reduction of the scanning time.

The fastest available scanning speed allows for more achievable and more detailed exams with reduction of the scanning time. It brings benefits for both clinicians and patients by reducing errors often caused by involuntary eye movements.

It provides more dense scanning and higher resolution of a single tomogram. It allows to find much smaller changes in the retina and provides earlier clinical decision.

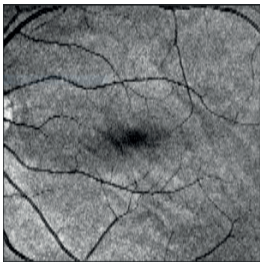
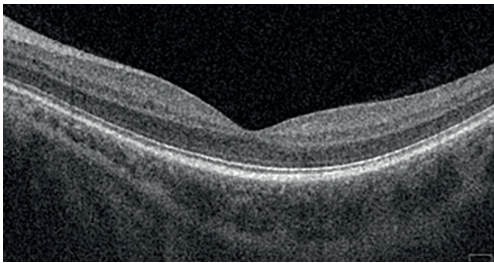
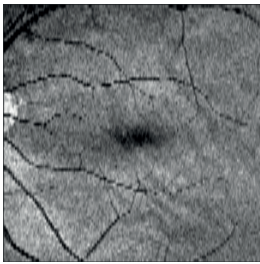
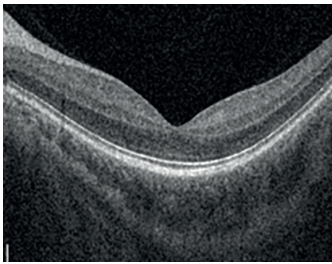
REVO NX allows to achieve the highest scan density on the market.

The high speed of REVO NX allows better effects in OCT Angiography and thanks to the Angio Mosaic functionality delivers high-resolution images over large field of the retina.



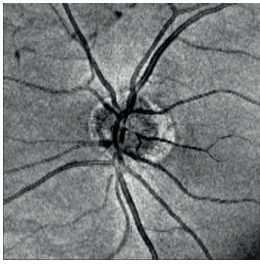
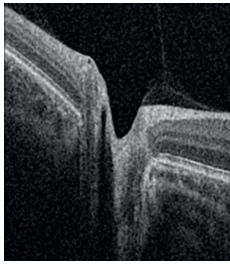
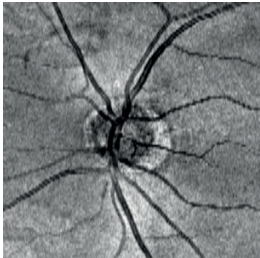
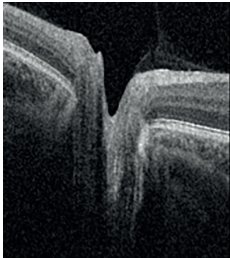
10 x 10 mm (4 scans 6 x 6 mm)

RETINA 3D

	A-scans x B-scans	Scan time	Fundus reconstruction	Tomogram
REVO NX	1024 x 158	1,37 s.		
REVO 80	640 x 85	0,79 s.		
REVO 60		1,05 s.		
REVO Copernicus		2,16 s.		

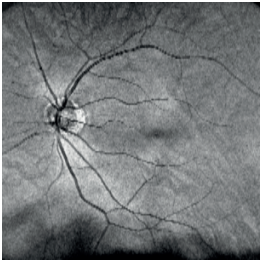
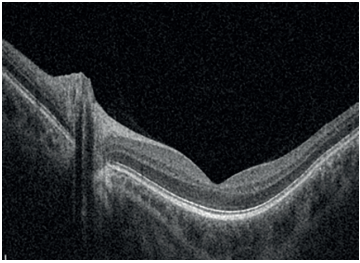
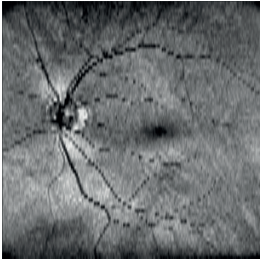
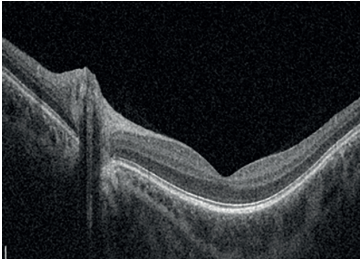
*scan size 7 x 7 mm

DISC 3D

	A-scans x B-scans	Scan time	Fundus reconstruction	Tomogram
REVO NX	512 x 168	0,99 s.		
REVO 80	512 x 112	0,86 s.		
REVO 60		1,14 s.		
REVO Copernicus		2,31 s.		

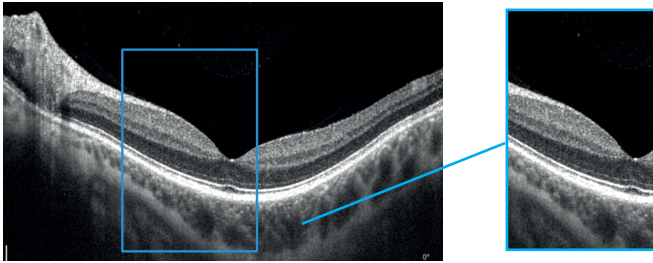
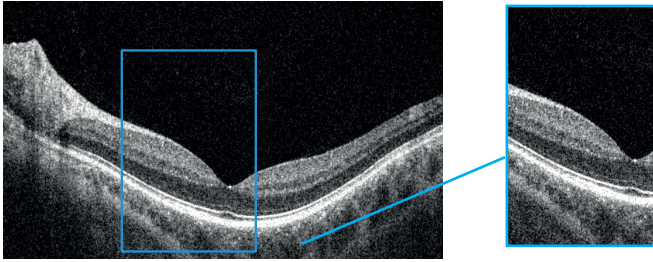
*scan size 12 x 12 mm

CENTRAL 3D

	A-scans x B-scans	Scan time	Fundus reconstruction	Tomogram
REVO NX	1024 x 168	1,80 s.		
REVO 80 REVO 60 REVO Copernicus	1024 x 72	1,01 s. 1,35 s. 2,99 s.		

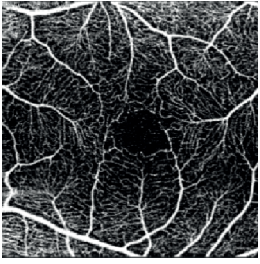
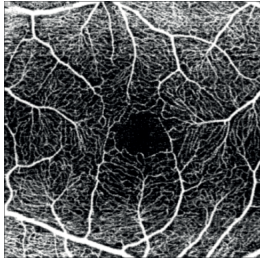

*scan size 7 x 7 mm

RETINA RADIAL

	A-scans x B-scans	Scan time	Tomogram
REVO NX	1024 x 12 x 10	1,23 s.	
REVO 80 REVO 60 REVO Copernicus	1024 x 12	0,17 s. 0,22 s. 0,50 s.	

*scan size 12 x 12 mm

RETINA ANGIO

	A-scans x B-scans	Scan time	Tomogram	A-scans x B-scans	Scan time	Tomogram
REVO NX	304 x 304	1,74 s.		400 x 400	2,98 s.	
REVO 80 REVO 60	256 x 256	1,70 s. 2,27 s.				

*scan size 3 x 3 mm

REVO NX vs SOCT Copernicus REVO

COMPARISON

		REVO NX	SOCT Copernicus REVO	
			80 000 / 60 000	27 000
Retina	3D	•	•	•
	Raster	•	•	•
	B-scan	•	•	•
	Radial	HD	•	•
	Cross	•	•	•
Disc	3D	•	•	•
	Raster	•	•	•
	Radial	HD	•	•
Central	3D	•	•	•
	Raster	•	•	•
	B-scan	•	•	•
Anterior	Radial	HD	•	•
	B-scan	•	•	•
	Raster	•	•	•
	3D	•	•	•
Anterior Wide	Radial	HD	•	•
	B-scan	•	•	•
	Raster	•	•	•
	3D	•	•	•
B-OCT™*		•	•	
T-OCT™*		•	•	
Angio OCT*	Angio OCT	•	•	
	Angio Mosaic 10 x 6 mm	•	•	
	Angio Mosaic 12 x 5 mm	•		
	Angio Mosaic 7 x 7 mm	•		
	Angio Mosaic 10 x 10 mm	•		
	Angio Mosaic Manual Mode	•	•	

*an optional software module to purchase

DEFAULT SCAN SETTINGS

Mode	REVO NX		SOCT Copernicus REVO			
	A-scans x B-scans	110 000 Scan time	A-scans x B-scans	80 000 Scan time	60 000 Scan time	27 000 Scan time
RETINA 3D	1024 x 158	1,37 s.	640 x 85	0,79 s.	1,05 s.	2,16 s.
DISC 3D	512 x 168	0,99 s.	512 x 112	0,86 s.	1,14 s.	2,31 s.
CENTRAL 3D	1024 x 168	1,80 s.	1024 x 72	1,01 s.	1,35 s.	2,99 s.
RETINA RADIAL	1024 x 12 x 10	1,23 s.	1024 x 12	0,17 s.	0,22 s.	0,50 s.
RETINA ANGIO	304 x 304	1,74 s.	256 x 256	1,70 s.	2,27 s.	n/a
T-OCT™	1024 x 16	0,16 s.	1024 x 16	0,22 s.	0,30 s.	n/a