

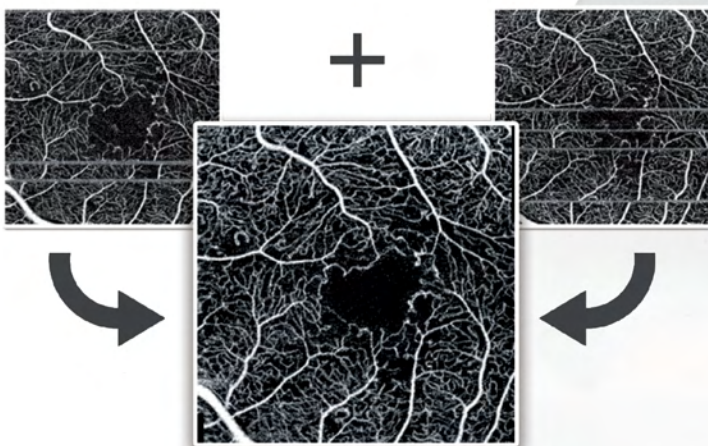
NEW

REVO NX 130

iTracking™

- I-TRACKING
- ANGIO OCT
- STRUCTURE AND FUNCTION REPORT
- GLAUCOMA ANALYSIS GCL & RNFL
- ANTERIOR WIDE
- BIOMETRY OCT
- OCT CORNEAL TOPOGRAPHY
- FULL AUTO

iTracking™ technology compensates involuntary eye movements and blinks. Each anatomical region is acquired twice automatically. For Angio scans the system immediately creates an artifact-free MC examination using the Motion Correction Technology™. The elimination of eye movement and blinking artifacts ensures the highest resolution of Angio OCT images without patient inconvenience. The extra saved time allows to pay more attention to the patient.



OPTOPOL technology

manufacturer of the first in the world Spectral Domain OCT

optopol.com



Technology	Spectral Domain OCT
Light source	SLED, wavelength 830 nm
Bandwidth	50 nm half bandwidth
Scanning speed	130 000 measurements per second
Axial resolution	5 μm in tissue 2.6 μm digital
Transverse resolution	12 μm , typical 18 μm
Overall scan depth	2.4 mm
Minimum pupil size	3 mm
Focus adjustment range	-25 D to +25 D
Scan range	Posterior 5–12 mm, Angio 3–9 mm, Anterior 3–16 mm
Scan types	3D, Angio ¹ , Radial (HD), B-scan (HD), Raster (HD), Cross (HD), TOPO, AL
Fundus image	Live Fundus Reconstruction
Alignment method	Fully automatic, Automatic, Manual
Retina analysis	Retina thickness, Inner Retinal thickness, Outer Retinal thickness RNFL+GCL+IPL thickness, GCL+IPL thickness, RNFL thickness, RPE deformation, IS/OS thickness
Angiography OCT ¹	Superficial Plexus, Deep Plexus, Outer Retina, Choriocapillaries, Depth Coded, Custom, Enface, Thickness; FAZ, VAS, NFA tools
Angiography mosaic	Acquisition method: Auto, Manual Predefined auto modes: 7×7mm, 10×6 mm, 10×10 mm, 12×5 mm, Manual
Glaucoma analysis	RNFL, ONH morphology, DDLS, OU and Hemisphere asymmetry, Ganglion analysis as RNFL+GCL+IP and GCL+IPL, Structure + Function ²
Biometry OCT ¹	AL, CCT, ACD, LT
Corneal Topography Map ¹	Axial [Anterior, Posterior], Refractive Power [Kerato, Anterior, Posterior, Total], Net Map, Axial True Net, Equivalent Keratometer, Elevation [Anterior, Posterior], Height
Anterior	Pachymetry, LASIK Flap assesment, AIOP, Angle Assessment, AOD 500/750, TISA 500/750
Anterior Wide Scan	Angle to Angle view (Adapter required), Wide Cornea
Connectivity	DICOM Storage SCU, DICOM MWL SCU, CMDL, Networking
Dimensions (W×D×H)	382×549×462 mm
Weight	23 kg
Fixation target	OLED display (the target shape and position can be changed), external fixation arm
Power supply	100–240 V, 50/60 Hz
Power consumption	115–140 VA

¹ optional software module

² via connection with PTS software version 3.4 or higher