

# REVO FC

OCT | Fundus Camera

## TRUE COLOR FUNDUS IMAGE



FUNDUS  
CAMERA



ANGIO OCT



3D RETINA



GLAUCOMA  
ANALYSIS  
GCL & RNFL



ANTERIOR  
WIDE



BIOMETRY  
OCT



OCT CORNEAL  
TOPOGRAPHY



FULL AUTO



 **OPTOPOL**  
technology



 **OPTOPOL**  
technology

manufacturer of the first in the world Spectral Domain OCT

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## FUNDUS CAMERA

Type	Non-mydratiatic fundus camera
Photography type	Color
Angle of view	45°±5%
Min. pupil size for fundus	3.3 mm or more
Camera	Built-in 12-megapixel CCD camera

## OPTICAL COHERENCE TOMOGRAPHY

Technology	Spectral Domain OCT
Light source	SLED, Wavelength 830 nm
Bandwidth	50 nm half bandwidth
Scanning speed	80 000 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
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*, Radial (HD) , B-scan (HD), Raster (HD), Cross (HD), TOPO, AL
Fundus alignment	IR, Live Fundus Reconstruction
Alignment method	Fully automatic, Automatic, Semi 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*	Supercial plexus, RPCP, Deep Plexus, Outer Retina, Choriocapillaries, Depth Coded, Custom, Enface, Thickness map , FAZ, VFA
Glaucoma analysis	RNFL, ONH morphology, DDLS, OU and Hemisphere asymmetry, Ganglion analysis as RNFL+GCL+IP and GCL+IPL
Angiography mosaic	Acquistion method: Auto, Manual Mosaic modes:10x6 mm, Manual up to 12 images
Biometry OCT*	AL, CCT, ACD, LT
Anterior Wide No lens/adapter required	Pachymetry, LASIK ap, Angle Assessment, AIOP, AOD 500/750, TISA 500/750, Angle to Angle view
Connectivity	DICOM Storage SCU, DICOM MWL SCU, CMDL, Networking
Fixation target	OLED display (The target shape and position can be changed), External xation arm
Dimensions (WxDxH) / Weight	367 x 480 x 504 mm / 30 kg
Power supply / consumption	100-240 V, 50/60 Hz / 115-140 VA

\* optional software module

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