

Specifications Xephilio OCT-S1

Scan speed	Max. 100,000 A scan/second
Horizontal resolution	30 µm
Axial resolution	8 µm
Light source wavelength	OCT: 1060 nm, SLO: 780 nm
Small pupil size	Φ3.0 mm
Working distance	20 mm
Retina observation method	Flying spot SLO
SLO FOV (H x V)	23 mm x 20 mm
OCT scan width	3~23 mm
OCT scan depth	5.3 mm
Internal fixation	"x" shape display on retina: green
External fixation light	EL-1 (option)

Dimension and weight

Dimension (WxDxH)	510 mm x 330 mm x 590 mm
Weight	35 kg (main unit only)

Optical power on cornea < 2.0mW for OCT, 1.0mW for SLO (scanning beam controlled by the laser safety system)

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OCT scan parameters

Retina scan mode

Custom 3D	512 x 512
	1024 x 128
	1024 x 1024
	2048 x 512
Vertical/Horizontal	
Multi-cross	1024 x 1024
	2048 x 2048
	4096 x 4096
	Averaging: 1–50
Cross	1024 x 1024
	2048 x 2048
	4096 x 4096
	Averaging: 1–200
Radial	1024
	2048
	4096
	12 directions (15 degree intervals)
Averaging: 1–50	
OCTA	Small: 232 x 232 (3 x 3 ~ 8 x 8 mm)
	Medium: 464 x 464 (4 x 4 ~ 20 x 20 mm)
	Large: 696 x 696 (6 x 6 ~ 20 x 20)
	Super Large: 928 x 807 (23 x 20 mm)



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The clinical images contained in this brochure are courtesy of Dr. Maté Strehó, Centre Explore Vision, Paris, and Dr. Kadomoto, Kyoto University, Japan. Screen images might be simulated.

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