MOPTIM

Optical Coherence Tomographer

Mocean® 3000/4000

SPECIFICATIONS

	Mocean 4000	Mocean 3000
OCT IMAGING		
Methodology	Spectral domain OCT	
Optical source	Super luminescent diode (SLD), 840 nm	
Scan speed	80,000 A-scans/s	≥20,000 A-scans/s
Axial resolution (optical)	5 microns (optical), 3.6 microns (digital)	
Transverse resolution	15 microns (optical), 3 microns (digital)	
A-scan depth	3 mm	
Diopter range	- 20 to + 20 diopters	
Scan patterns	Macular: HD line scan (6 / 12 mm), 3D scan (6 mm x 6 mm), 6-line radial scan, Multi (X-Y: 5 x 5); Disc: 3D scan (6 mm x 6 mm) Anterior: HD line scan (6 / 16mm), 6-line radial scan	
FUNDUS IMAGING		
Methodology	Line scanning laser ophthalmoscopy (LSLO)	
Minimum pupil diameter	3.0 mm	
Field of view	45 ± 1 degrees	
VASCAN™ OCTA MODULE (OPTIONAL)		
Scanning volume/area	3mm x 3mm 256 x 256 A-scans 6mm x 6mm 360 x 360 A-scans 8mm x 8mm 360 x 360 A-scans 12mm x 8 mm 540 x 360 A-scans	Not available
Algorithm	C-OMAG	
Segmentation options	Encoded, vitreousretina intrerface(VRI), superfcial, deep, outer retina, choriocapillaris, choriod, custom	
Quantitative analysis	Yes	
ELECTRICAL AND PHYSICAL		
Weight	30.5 kg	
Dimension	532 mm (L) x 360 mm (W) x 540 mm (H)	
Source voltage	AC 100 - 240 V, 50 Hz - 60 Hz	
Power input	90 VA	

* Specifications are subject to change due to product improvement.

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