


















OCT BUYER'S GUIDE

Model	Combined OCT & retinal camera	Normative database	OCT-A	A-scans/sec	Glaucoma progression analysis software	Anterior segment	Weight (kg)	Dimensions (mm)	What the catalogue says...	Contact
 Optovue Avanti XR3	No - 3D Retinal Reconstruction	Yes	Optional - OCTA Essential or OCTA Comprehensive package	70,000	Yes	Yes	65	W: 950 D: 600 H: 690-995	State-of-the-art imaging from the cornea to the choroid with exclusive technology that will change your approach to disease diagnosis and management.	BOC Instruments (bocinstruments.com.au)
 Optovue i-Scan	No	Yes	No	26,000	Yes	Yes	19.5	W: 508 D: 406 H: 457	The fully-integrated OCT that practically runs itself, setting the standard for simplicity in OCT.	
 Optovue i-Vue	Optional with iCam	Yes	No	26,000	Yes	Yes	36	W: 486 D: 874 H: 669-870	The benchmark for eye care practitioners seeking unmatched OCT performance and value, with capabilities you would expect to cost far more.	
 Nidek RetinaScan RS-3000 Advance	No	Yes	Optional	53,000	Yes	Optional	34	W: 380 D: 524 H: 515	A combination of high-speed spectral domain OCT with Scanning Laser Ophthalmoscope (SLO) and advanced auto-focus/auto Z alignment technology offers outstanding precision and ease-of-use. Includes auto-tracking function, which tracks eye movement and guides to the OCT scanning position of previous examination (Baseline).	Designs for Vision (dfv.com.au)
 Nidek RetinaScan RS-3000 Advance2	No	Yes	Optional	85,000	Yes	Optional	34	W: 380 D: 524 H: 515	Extends Nidek's OCT capabilities while retaining the advantages of SLO and autofocus/alignment technology. Includes auto-tracking function, which tracks eye movement and guides to the OCT scanning position of previous examination (Baseline).	
 Nidek RetinaScan RS-330 DUO	12MP non-mydratric fundus camera Angle of view: 45° Optional Fundus Autofluorescence (FAF)	Yes	No	53,000	Yes	Optional	38	W: 370 D: 536 H: 602	Combined OCT and fundus camera system that is a user friendly and versatile unit providing high definition images and value added features.	
 Topcon 3D OCT-1 Maestro	Non-mydratric 'true-colour' fundus camera Angle of view: 45°	Yes	No	50,000	Yes	Optional	21	W: 307-442 D: 472-668 H: 518-722	Topcon has set the bar for providing a patient friendly, easy-to-use and completely automated comprehensive OCT for today's eye care needs.	Device Technologies (device.com.au)
 Topcon DRI Triton	Non-mydratric fundus camera. Angle of view: 45° Colour and red-free	Yes	Optional	100,000	Yes	Optional	21.8	W: 320-359 D: 523-554 H: 560-590	Using the latest swept source scanning technology and 100,000 A-scans/s speed, the longer swept source wavelength of 1,050nm provides DRI Triton with deeper penetration through to the choroid and better penetration through opacities, resulting in stunning clear and detailed images.	
 Topcon DRI Triton PLUS	Non-mydratric fundus camera Angle of view: 45° Colour and red-free. Fundus Angiography (FA) Fundus Autofluorescence (FAF)	Yes	Optional	100,000	Yes	Optional	23.8	W: 320-359 D: 523-554 H: 560-590	With the same functionality as the DRI Triton - which includes swept-source OCT with combined colour fundus imaging - the Triton PLUS version also adds Fluorescein and Auto fluorescence imaging modalities.	
 MS-39 AS-OCT	No	Yes	Yes	90,000	Yes	Yes	10.4	W: 505 D: 315 H: 251	The MS-39 AS-OCT is the most advanced device for the analysis of the anterior segment of the eye.	France Medical (francemedical.com.au)
 Spectralis OCT Advanced	Optional cSLO Modules Multicolor Module Blue Peak Autofluorescence Widefield 55° Fundus and OCT Panning Camera Mount	Yes	Optional (85kHz OCT2 & OCT-A modules)	40,000 standard. 85,000 with 85kHz OCT2 module	Yes	Optional (Anterior Segment module)	13	W: 330 D: 450 H: 600	Combines scanning laser fundus imaging with simultaneously acquired high resolution OCT, including Heidelberg's TruTrack Active Eye Tracking, a patented technology that uses a second laser beam to actively track the eye during OCT scanning to avoid motion artefact and ensure accuracy in follow-up scans. As an expandable platform, it can be upgraded with additional scanning laser fundus imaging modalities, such as BluePeak autofluorescence and MultiColor, as well as advanced modules such as OCT2, the Glaucoma Module Premium Edition, OCT-Angiography, and the N-Site Neurological Module.	Heidelberg (HeidelbergEngineering.com)
 Huvitz HOCT-1	No	June 2018, pending TGA approval	No	68,000	Yes	Yes	30	W: 330 D: 542 H: 521	Provides high-speed scan & high-quality images by using Huvitz's outstanding optical technology and innovative image software.	Opticare (opticare.com.au)
 Huvitz HOCT-1F	12MP non-mydratric fundus camera Angle of view: 45°	June 2018, pending TGA approval	No	68,000	Yes	Yes	30	W: 330 D: 542 H: 521	By combining OCT, Full Colour Fundus Camera, and PC, the Huvitz 1F can generate high resolution images providing multi-purpose functions for diagnosis.	
 Canon HS-100	No	Yes	No	70,000	Yes	Yes	29	W: 387 D: 499 H: 474	Operating an OCT has never been easier. The OCT HS-100's extensive automatic functions simplify and optimise examinations.	Optimed (optimed.com.au)
 Optopol SOCT Copernicus REVO OCT	No - live fundus reconstruction	Yes	Optional	80,000	Yes	Yes	23	W: 382 D: 549 H: 462	Position the patient and press the START button to acquire examinations of both eyes. The SOCT Copernicus REVO, using vocal messages, guides the patient through the process, increasing comfort and reducing patient chair time. The SOCT Copernicus REVO is OCT-A, OCT Biometry and OCT Topography capable.	
 Optopol SD OCT REVO NX	No - live fundus reconstruction	Yes	Optional	110,000	Yes	Yes	23	W: 382 D: 549 H: 462	The world's fastest scanning speed allows for more achievable and more detailed exams while reducing scanning time. The SD OCT Revo NX is OCT-A, OCT Biometry and OCT Topography capable.	
 CIRRUS HD-OCT 5000	No	Yes	Optional	27,000-68,000	Yes	Yes	36	W: 460 D: 650 H: 530	The CIRRUS HD-OCT 5000 allows you to discover, track and analyse single pathological events from structural and vascular perspectives.	ZEISS (www.zeiss.com.au/meditec/products.html)
 CIRRUS HD-OCT 500	No	Yes	No	27,000	Yes	Yes	34	W: 460 D: 650 H: 530	Essential OCT capabilities with a broad range of clinical applications in an easy-to-learn, easy-to-use instrument.	
 CIRRUS photo 600	5MP full-mydratric & non-mydratric fundus camera; angle of view: 45° Colour, red-free, blue, red and FAF	Yes	No	27,000	Yes	Yes (optional ASPM for further functionality)	33	W: 410 D: 480 H: 680	Broader clinical insights, greater diagnostic certainty and added practice value - the new CIRRUS photo from ZEISS delivers all that in a single, integrated system for both fundus imaging and OCT.	
CIRRUS photo 800	5MP full-mydratric & non-mydratric fundus camera; angle of view: 45° Colour, red-free, blue, red & FAF Fluorescein angiography & ICG angiography	Yes	No	27,000	Yes	Yes (optional ASPM for further functionality)	33	W: 410 D: 480 H: 680	Correlate data from high-density OCT cubes, thickness and layer maps with results from superb colour fundus images as well as fundus autofluorescence and fluorescein angiography images, all in one convenient sitting.	
PRIMUS 200	No	Yes	No	12,000	No	Yes	40	W: 800 D: 1200 H: 1500	Utilises a simple 3-step process for capturing all anterior and posterior segment scans. This optimised workflow helps to increase operator efficiency while minimising patient chair time.	
PLEX Elite 9000 swept-source OCT	No	No	Yes	100,000	No	No	45	W: 660 D: 1040 H: 710	Swept-source OCT allows clinical researchers the potential to see deeper, wider, and in more detail from the vitreous to the sclera in the posterior segment.	