

PRODUCT CATALOG

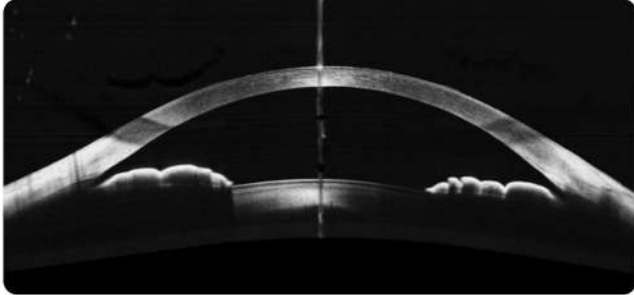
**20 YEARS OF
EYECARE
INNOVATIONS**

M**PTIM**

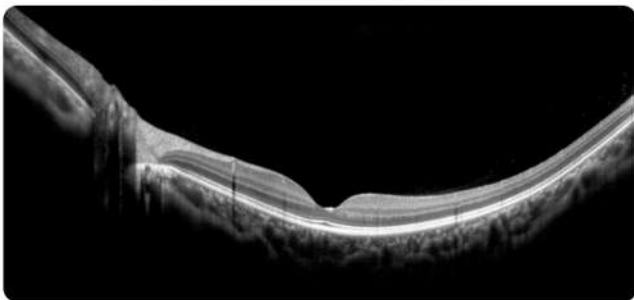
DIAGNOSTIC

Optical Coherence Tomography

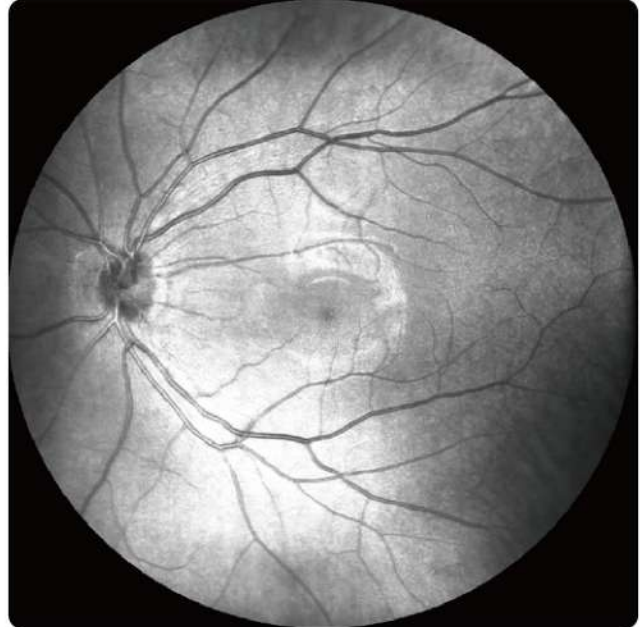
Mocean 3000 / Mocean 4000



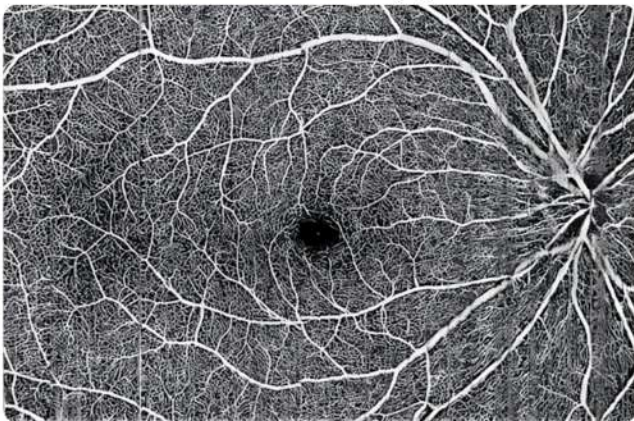
16 mm full range corneal OCT imaging



16 mm retinal OCT imaging



45 degrees live SLO fundus imaging



12 x 8 mm retinal and choroidal layer, was captured in one shot with the Mocean 4000 at 120,000 Hz.

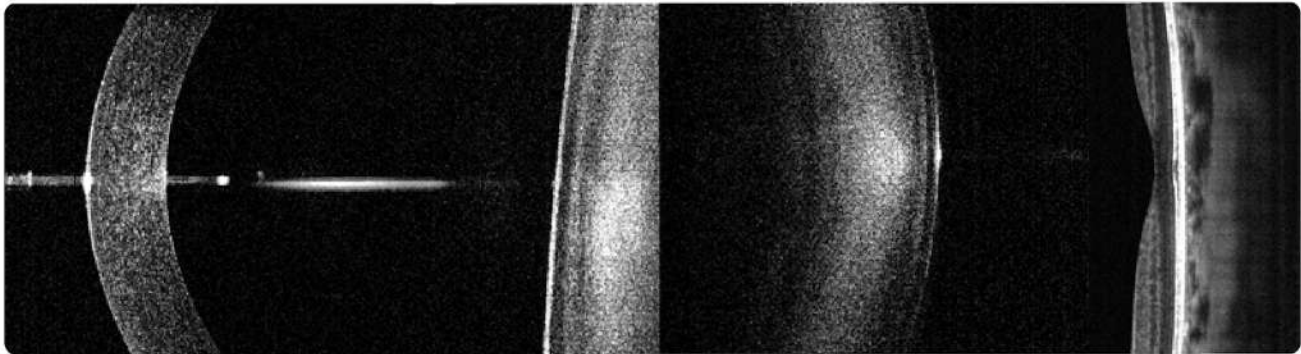
	Mocean 3000	Mocean 4000
Methodology	SD-OCT	SD-OCT
Scan speed	20,000 Hz	80,000 / 120,000 Hz
Scan depth	3.1 mm	3.1 - 7.36 mm
Scan range (cornea)	6 / 16 mm	6 / 16 mm
Scan range (retina)	6 / 12 mm	6 / 12 / 16 mm
45° SLO fundus imaging	●	●
SLO-based eye tracker	●	●
Upgrade to OCT Angiography		●



Optical Biometer

Colombo IOL / Colombo IOL II NEW

- Patented dual-path SD-OCT biometry technology
- Up to 9 parameters in a single scan
- 4 / 6 mm real-time OCT imaging of the cornea and retina
- Automatic real-time fixation check



		Colombo IOL (Myopia)	Colombo IOL	Colombo IOL II
Technology	Principle	SD-OCT	SD-OCT	SD-OCT
	Wavelength	850 nm	850 nm	1050 nm
	OCT imaging range	4 mm	4 mm	6 mm
Parameters	Axial length	●	●	●
	Keratometry	●	●	●
	Central corneal thickness	●	●	●
	Anterior chamber depth	●	●	●
	White-to-white	●	●	●
	Lens thickness	●	●	●
	Pupil size	●	●	●
	Retinal thickness	●	●	●
	Choroidal evaluation	Optional	●	●
Software	Myopia Trend Analysis	●	●	●
	IOL Calculator		●	●

Slit Lamp

SL-M6

- Galilean system
- 5 steps drum magnification (6x, 10x, 16x, 25x, 40x)
- Converging eye pieces
- Apochromatic optical system
- LED illumination systems



Dry Eye Analyzer

DEA

- Comprehensive dry eye assessment
- 8 mp resolution
- Up to 8 mm NIBUT measurement range
- Auto focus, auto exposure
- Rich report templates



SURGICAL

Operating Microscope

OPM500 / OPM500C

Floor stand / Table mounted

- Apochromatic optical system
- 5-step magnification (6.4x, 10x, 16x, 25x, 40x)
- LED illumination
- 45° inclined / 0-180° tiltable binocular tubes
- Integrated HD video system



OPM500

OPM500C

REFRACTION

Handheld Auto Refractometer

easyRef / easyRef 2 **NEW**

- Shack-hartmann wavefront technology
- Portable design, easy to carry anywhere

	easyRef	easyRef 2
Spherical Range	-10, +10 D	-20, +20 D
Cylinder Range	-5, +5 D	-5, +5 D
Internal Fogging	No	Yes
Screen	1.54 inch	2.80 inch



easyRef



easyRef 2

Manual Refractometer

iRef

- Ideal solution for primary eye care
- Screening for refractive error, astigmatism, far vision
- Spherical range -12.0D~ +6.0D
- Manage eye care records with the "iRef EyeCare" app



Availability depends on country.

MOPTIM

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