



Wellmed Pro | Wellview Universal Group

TECHNICAL DATA SHEET

Optical Coherence Tomography YSOCT2010

The optical coherence tomography YSOCT2010

Optical Coherence Tomography

YSOCT2010 is an ophthalmic optical coherence tomography scanner tailored for rapid screening of fundus diseases in outpatient clinics. It is easy to use, clear in image, smooth and delicate in operation, and equipped with professional analysis software to meet the requirements of OCT in the clinical examination and analysis of ophthalmology.

Features

Clear Imaging

AlphaOCT gives you clear, dynamic, high-quality fundus images, which helps you to distinguish the subtle lesions of the retina from the vitreous to the choroid. Being clear is not enough. one-click collection can save outpatient time.

Wider HD Scanning

The scanning range reaches 11mm × 11mm, which can accurately identifies retinal disorders, helps to screen and reduce the missed diagnosis of retinal diseases at the outpatient clinic, and facilitates patient communication.

Smart Reading

A fundus disease intelligence software developed based on deep learning to identify specific structures of retinal images faster and more efficiently. Simple, fast, and meet basic clinical needs of OCT.

Technical Parameter

Measurement characteristics: Axial resolution (in tissue): 7μm (in tissue), Horizontal resolution (in tissue): 13μm

Scanning characteristics: Maximum A scanning speed: 70KHz, tolerance ± 5%

Maximum scanning depth: 2.3mm (in tissue), tolerance ± 3%

Maximum scanning range: 11mm × 11mm, tolerance ± 5%

Light source characteristics: Center wavelength: 853nm, tolerance ±10nm

Half width: 45nm, tolerance ±5nm

Optical power: ≤750μw (at the cornea)

Refractive compensation range: ≥10D~+10D

Panama | Central America | Caribbean | CARICOM

Information from the authorized catalog. Confirm configuration, accessories and documentation in the quotation.

Assisted translation: review the manufacturer specifications before purchasing.