

Specifications

A-Scan biometry	
Probe frequency	10MHz
Measuring mode	contact
Measuring range	over 5mm~40mm
Measuring error	$\pm 0.05\text{mm}$
Measuring type	length of optic axis, automatic calculation, result analysis
Image freezing	auto, auto+preservable, manual
Intraocular lens Implantation (IOL) formula	SRK-T, SRK II, HOLLADAY, BINKHORST-ILHOFFER-Q, HAIGIS
Gain	20~110dB
Time gain adjustment	0~30dB
B-scan Patterns	
Probe frequency	10MHz
Probing depth	$\geq 50\text{mm}$
Axial Resolution	$\leq 0.2\text{mm}$
Lateral resolution	$\leq 0.3\text{mm}$
Gain adjustment	20~110dB
Time gain adjustment	0~30dB
Operation mode	eyecup, gel, aqueous capsule
Post-processing measuring tools	area, length, mark and annotation
Review	100 images available
Others	
Size	340mm(L) x 320mm(W) x 115mm(H)
Weight	10Kg
Power supply	100~240V 50/60V

* Note: with development of technology, specifications and design are subject to change without notice.

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SYSEYE
新视野



RetiWave 1000
Ultrasonic A/B Scanner
for Ophthalmology

>> Product Introduction

RetiWave 1000: Ultrasonic A/B Scanner for Ophthalmology

RetiWave 1000 is digital ultrasonic system for ophthalmology. With advanced intelligent digital software the parameters of freezed and stored images could be adjusted voluntarily.

Scan A measures data for every part of the eyeball as anterior chamber depth, lens thickness, axial length and so on which are needed in ophthalmic surgeries, and calculates IOL by axial length.

Scan B displays profile images of the eyeball clearly and directly. Scanning anatomical forms and nidi inside the eyeball, doctors can diagnose accurately for examination of cataract, vitreous body disease, ocular trauma, detachment of retina or choroid, macula disease, and intraocular tumor, etc...



>> Performance Features

• Scan A



• Scan B



India Partners

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