



Ophthalmic Equipment -Ophthalmic scanner

ES-AB1000 Ultrasonic A/B Scanner



Feature:

With advanced intelligent digital software and 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

A Scan patterns

Probe frequency	10MHz
Measuring mode	contact
Measuring range	Over 5mm-40mm
Measuring error	≤±0.05mm
Measuring type	Length of optic axis , automatic calculation , result analysis auto , auto+preservable, manual
Image freezing	SRK-T, SRX II, HOLLADAY, BINKHORST-II, HOFFER-Q, HAIGIS
Intraocular lens	

implantation (IOL)formula

Gain	20-110dB
Time gain adjustment	0-30dB

B Scan patterns

Probe frequency	10MHz
Probing depth	≥50mm
Axial Resolution	≤0.2mm
Lateral resolution	≤0.3mm
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*320mm*115mm
weight	10kg
Power supply	100-240V 50/60Hz

• Scan A



• Scan B

