

TECHNICAL DATA SHEET

Ultrasonic A/B Scanner for Ophthalmology YSODU1000

A / B ultrasound scanner for ophthalmology

Specifications

A-Scan biometry

Probe frequency: 10MHz

Measuring mode: contact

Measuring range: over 5mm~40mm

Measuring error : $\leq \pm 0.05\text{mm}$

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-II, HOFFER-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

Product Introduction

YSODU1000: Ultrasonic A/B Scanner for Ophthalmology

YSODU1000 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..

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

Assisted translation: review the manufacturer specifications before purchasing.