

A Solution for Biometry Diagnostics

US-800

ECHOSCAN



US-800 Specifications

AXIAL LENGTH MEASUREMENT	
Probe	10MHz solid probe
Internal fixation	LED (red)
Measuring method	Ultrasonic pulse reflection
Measuring time	0.5 sec.
Measurable value	Axial length, anterior chamber depth, lens thickness, vitreous body length
Clinical accuracy	±0.1 mm
Measuring range	15-40 mm
Amplifier gain	Changeable
Converted ultrasonic velocity	Phakic eye 1,550 m/s (Axial length) 1,532 m/s (Anterior chamber and vitreous body) 1,641 m/s (Lens) Aphakic eye 1,532 m/s (Axial length) IOL implanted eye 1,554 m/s (Axial length)
Display resolution	0.01 mm
CALCULATION FUNCTION	
Built-in IOL formula	SRK, SRK-II, SRK-T, BINKHORST, HOLLADAY
Calculation accuracy	±0.01D
DISPLAY FUNCTION	
Display	LCD with back-light
Contents	A-mode waveform, measured value, input value, calculation value, ID information etc.
PRINTING FUNCTION	
Printer	Thermal type
Contents	Same as the ones shown in the display function
POWER REQUIREMENTS	100, 120, 220, 240VAC, 50/60Hz, 50VA or less
DIMENSIONS & WEIGHT	322 (W) x 320 (D) x 100 (H) mm, 5 kg 12.7 (W) x 12.6 (D) x 3.9 (H)", 11 lbs.
STANDARD ACCESSORIES	
	Axial length measuring probe Foot pedal Power cord Dust cover Test piece Printer paper (2 rolls)
OPTIONAL ACCESSORIES	
	Probe stand Probe adapter for slit lamp (for NIDEK / HAAG STREIT) Probe adapter for slit lamp (for NEITZ) Setting adapter for ZEISS slit lamp* Wagon

*The setting adapter for ZEISS slit lamp is used for the probe adapter for NIDEK / HAAG STREIT slit lamp to be attached on ZEISS slit lamp.



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*Specifications and design are subject to change without notice for improvement.



Printed on environment-friendly recycled paper.