

# SUOER

## Delta Ultrasound Scanner SW-21



A Scan  
B Scan  
Pachymetry  
Full Scale UBM

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## Delta Ultrasound Scanner SW-21



### B Scan

Frequency	10MHz, Magnetic driven, noiseless
Scanning Mode	Sector Scanning
Magnify	Multi continuous magnification, Real-Time magnification
Resolution	Lateral $\leq$ 0.3mm Vertical $\leq$ 0.2mm
Geometry position precision	Lateral $\leq$ 5% Vertical $\leq$ 3%
Depth	60mm
Enhance the part of vitreous body and retina	
Gain of Probe	30dB-105dB
Scanning Angle	53°
Gray Scale	256
False Color	Multi colors
Measurement Type	multigroup distances, perimeters and areas
Image Postprocessing	multiple curves processing, Pseudo-color processing curve
Movies	100 images movie, AVI JPG format image output

### A Scan

Frequency	10MHz, with LED
Depth	40mm
Precision	$\pm$ 0.05mm
Measurement	Anterior chamber depth, lens thickness, vitreous body length, total length and average
Eye Mode	Phakic/Aphakic/Dense/ Various IOL
IOL Formula	SRK-II, SRK-T,HOFFER-Q, HOLLADAY, BINKHORST-II, HAIGIS
Stat. Calculation	Average and standard deviation
Store	10 Scanning results for each eye

### Others

Display Mode	B, B+B, B+A, A
Hint	Preset keyword
Case Search	Multi-keywords
Working Platform	Windows System
Userdefined report template	

### Full Scale UBM

Frequency	50MHz
Scanning Mode	Wide Range Sector, Scanning Mode, Undistorted, Sulcus-to-sulcus
Scanning Range	16mm*9mm;10*6.5mm
Vertical Precision	$\leq$ 40 $\mu$ m
Lateral Precision	$\leq$ 40 $\mu$ m
Scanning Lines	1024Lines, 15 $\mu$ m between each lines
Geometry	Vertical $\leq$ 3%
Location	Lateral $\leq$ 3%
Precision	Non data interpolation, None distortion Imaging
Display Mode	UBM, UBM+A
System Performance	it have a special independent 50 $\mu$ m ultrasonic amplification system make the anterior segment image clearer
Working Platform	Windows System

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