

Features

- Modular ophthalmic ultrasound platform, allowing probes to be mixed and matched to meet different needs
- Easy-to-use workstation software, friendly user interface
- Industry-leading image quality and measurement accuracy
- Support DICOM 3.0



Tianjin Suowei Electronic Technology Co., Ltd.

Address: 2nd Floor, E-1 Building, No. 6, Zhuyuan Road,
Huayuan Industrial Zone, Nankai District, Tianjin, China

Tel: +86-22-8371 2745

Fax: +86-22-8371 2645

Email: sales@suowei.com.cn

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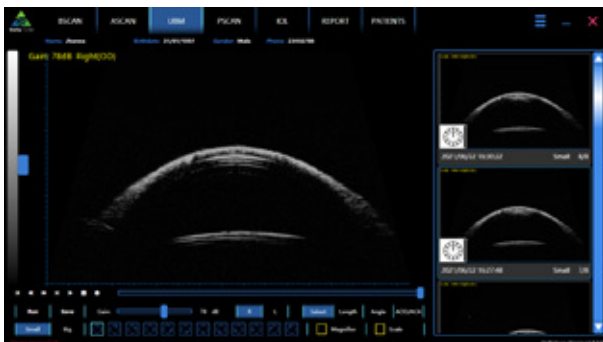
A Scan

- Frequency: 10MHz, with LED
- Depth: 40mm
- Precision: $\pm 0.04\text{mm}$
- Measurement parameters: Anterior chamber depth, Lens thickness, Vitreous thickness, Axial length
- Adjustable gain: 30dB ~ 105dB
- Time gain control (TGC): -15dB ~ +15dB
- Record up to 10 measurement results, automatic calculation of average, standard deviation, maximum and minimum of the results
- Eye types: phakic, aphakic, PMMA, silicone, acrylic
- IOL Formula: SRK-II, SRK-T, HOFFER-Q, HOLLADAY, BINKHORST-II, HAIGIS



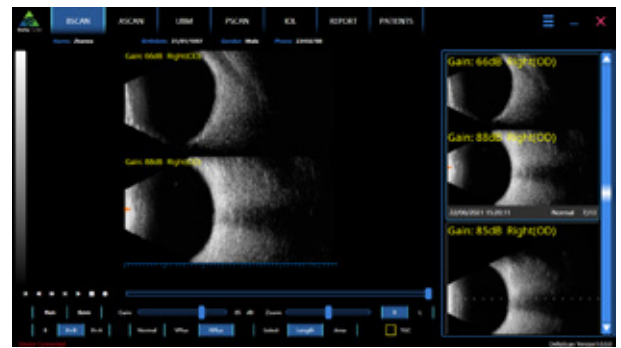
P Scan / Pachymetry

- Frequency: 20MHz
- Measurement range: $150\mu\text{m}$ ~ $1500\mu\text{m}$
- Precision: $\pm 5\mu\text{m}$
- Measurement parameters: Central corneal thickness



UBM

- Frequency: 50MHz
- Scanning Mode: linear Scanning
- Scanning Range: 16mm x 9mm
- Resolution: Axial $\leq 40\mu\text{m}$, Lateral $\leq 60\mu\text{m}$



B Scan

- Frequency: 10MHz, Magnetic driven, noiseless
- Scanning Mode: Sector Scanning
- Scanning angle: 53°
- Resolution: Axial $\leq 0.2\text{mm}$, Lateral $\leq 0.3\text{mm}$
- Geometry position precision: Horizontal $\leq 3\%$, Vertical $\leq 2\%$
- Depth: 60mm
- Gray levels: 256
- Adjustable gain: 30dB ~ 105dB
- Time gain control (TGC): -15dB ~ +15dB
- Up to 100 images playback, support video export in AVI format
- Magnification function: Multi-stage continuous magnification, real-time magnification
- Image analysis tools: false colors, areas, angles, lengths, markers, comments

ULTRASOUND SW-21 (4-I)

