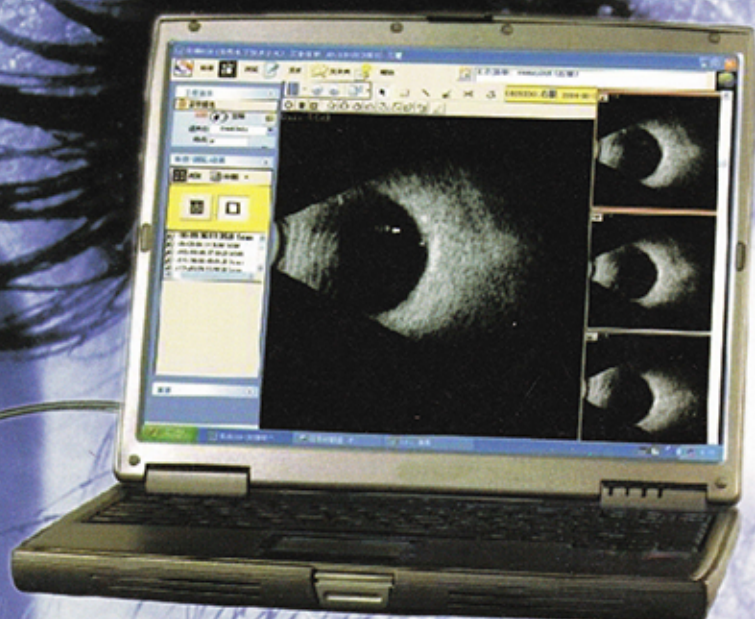


Explorer -II

AKAS B-Scan

Advanced Ophthalmic Ultrasound System



- Compact and portable
- High Resolution
- Advanced Image processing software
- Advanced case report
- A-Auto & Manual modes

Description : AKAS Explorer-II is the most advanced ophthalmic ultrasound system available today. This instrument offers excellent resolution and full functionality in compact design. This compact combination model has B and optional A-scan system, Operates with single windows desktop or laptop computers and performs traditional B-scan, Biometry and optional diagnostic A-scan.

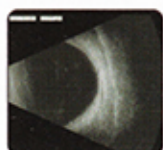
B scan

- Sealed, frequency-adjustable, magnetic driven noiseless B scan probe
- Super gain of 105dB, with vitreous body intensify function
- Save 100 frames of images during 10 seconds before freezing. Loop one by one or continuously
- USB port, portable and compact, infinite expansion
- Ophthalmic A/B Scan Image Workstation on WIN XP platform Can adjust the gain of frozen image to obtain the best image
- Gain: 30-105dB
- Angle: 53°
- Frequency : 10MHz ,Magnetic driven noiseless
- Scanning Mode : Sector Scanning
- Magnify : Multi continuous magnification,Real-Time magnification
- Resolution : Lateral < 0.3mm ; Vertical < 0.2mm
- Depth : 60mm
- Scanning Angle : 53°
- Gray Scale : 256
- False Color : Multi colors. OTC
- Measure Mode : 4 distances, 2 angles, perimeter and area
- Movies : 100 images movie review,AVI ZIP JPG format image output

A scan:

- Bio-measurement technique, sensitive data acquisition, 10 scanning results for each eye.
- Three lens for each eye for selection: folding lens; anterior-chamber lens; posterior-chamber lens. You can select the suitable lens material and degree A Scan
- Eye mode : Phakic/ Aphakic/ Pseudo
- Frequency : 10MHz, with LED
- Depth : 15-40mm
- Precision : ± 0.05 mm
- Measurement : AL, ACD, L, V and the average
- 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
- Case Report : PDF format case report archiving
- Case Search : Multi-keywords

*A-scan Optional



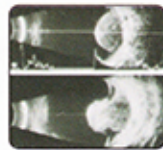
10MHz Bscan Image



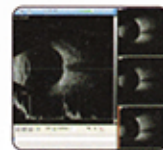
B scan image



A scan image



Bscan Image



B scan examination interface

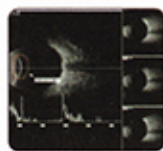
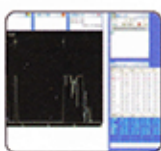
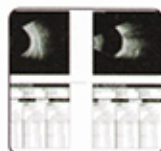


Image dispose interface



A scan examination interface



Report generated interface



Inquiry medical case interface

AKAS

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