



ULTRASOUND

A-SCAN / B-SCAN / PACHYMETER
SK-2000AP / SK-3000A

■ SK-3000A

A-scan, B-scan and Pachymeter, three in one

12.1-Inch large touch screen

Weight of only 3.6kg

Smooth operation experience

Better ultrasound images for clinical use, meet your clinical needs



■ CLOSED-LOOP MAGNETIC-DRIVEN B ULTRASONIC PROBE

Unique magnetic-driven technology, no noise and low vibration, better operation experience for doctors, more comfortable examination experience for patients

Effectively avoid the abrasion of the moving mechanism caused by the mechanical transmission, greatly extend the probe's service life

Computer would send out instructions to the ultrasonic chip when the set scanning position is sensed by the position sensor, so as to ensure the accuracy of the ultrasonic signal





POST-GAIN

106 ultrasound images with different gains can be saved in one freezing moment.

Once frozen, lesion images with different gains intensity within eyeball can be observed. The testing time is shorter and the patient is more comfortable.

Doctor can easily obtain the best resolution ratio. The more clear observation, the more accurate diagnosis which avoiding missing any subtle lesions.

A-SCAN

Anterior chamber depth, crystal thickness, vitreous length and axial length are accurately calibrated and measured, to provide doctors with more reliable interpretation basis

PACHYMETER

P-probe of 20 MHz with higher sensitivity, faster marking speed, and more accurate measurement results based on ten sets of data

PC SOFTWARE

With perfect image processing system, set image-processing, report-editing and report-printing in one

Upload real-time patient data and establish perfect patient database

EASY SHARING

LAN connection, real-time data sharing, faster transmission speed, to achieve remote diagnosis of patients

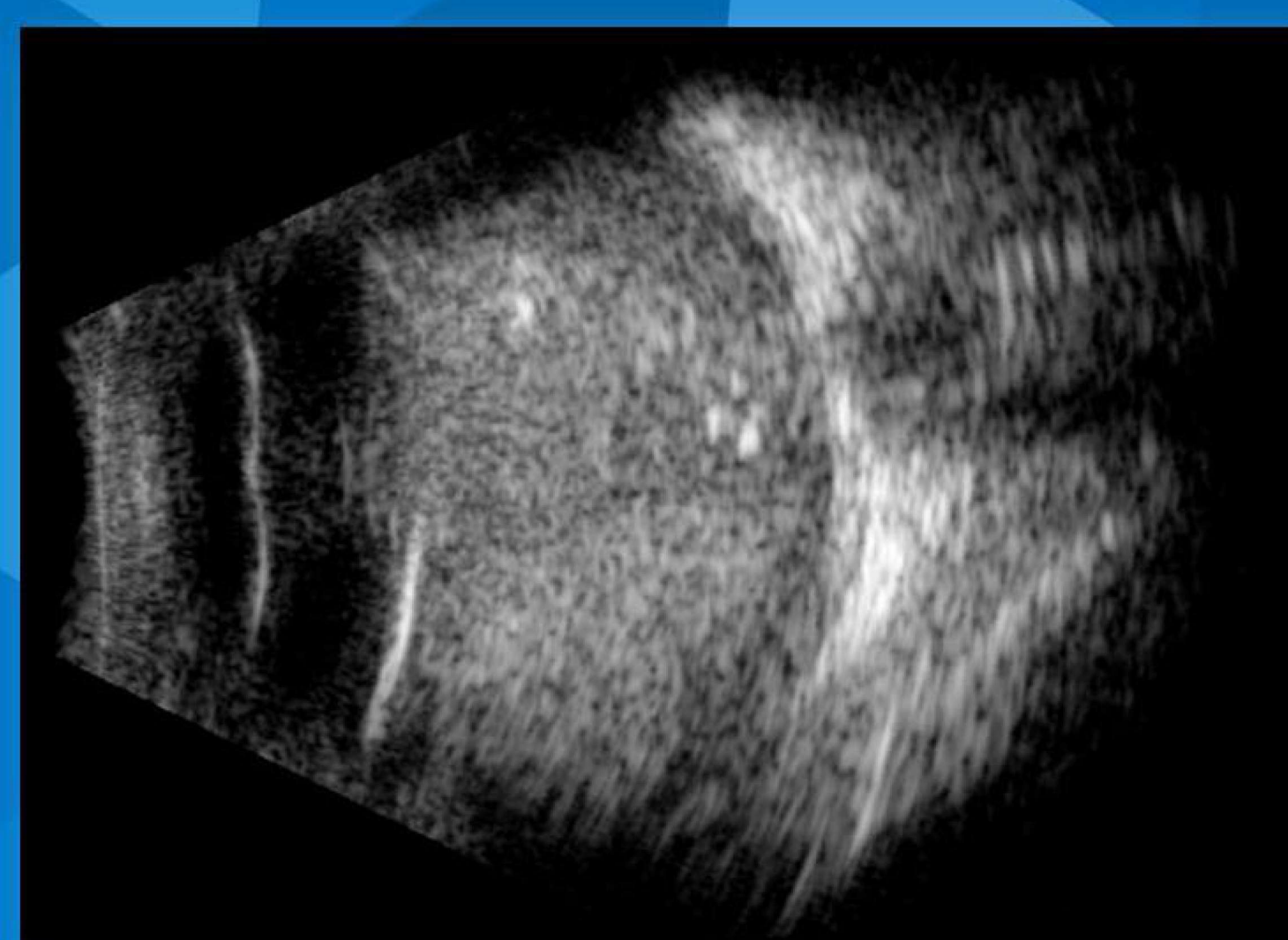
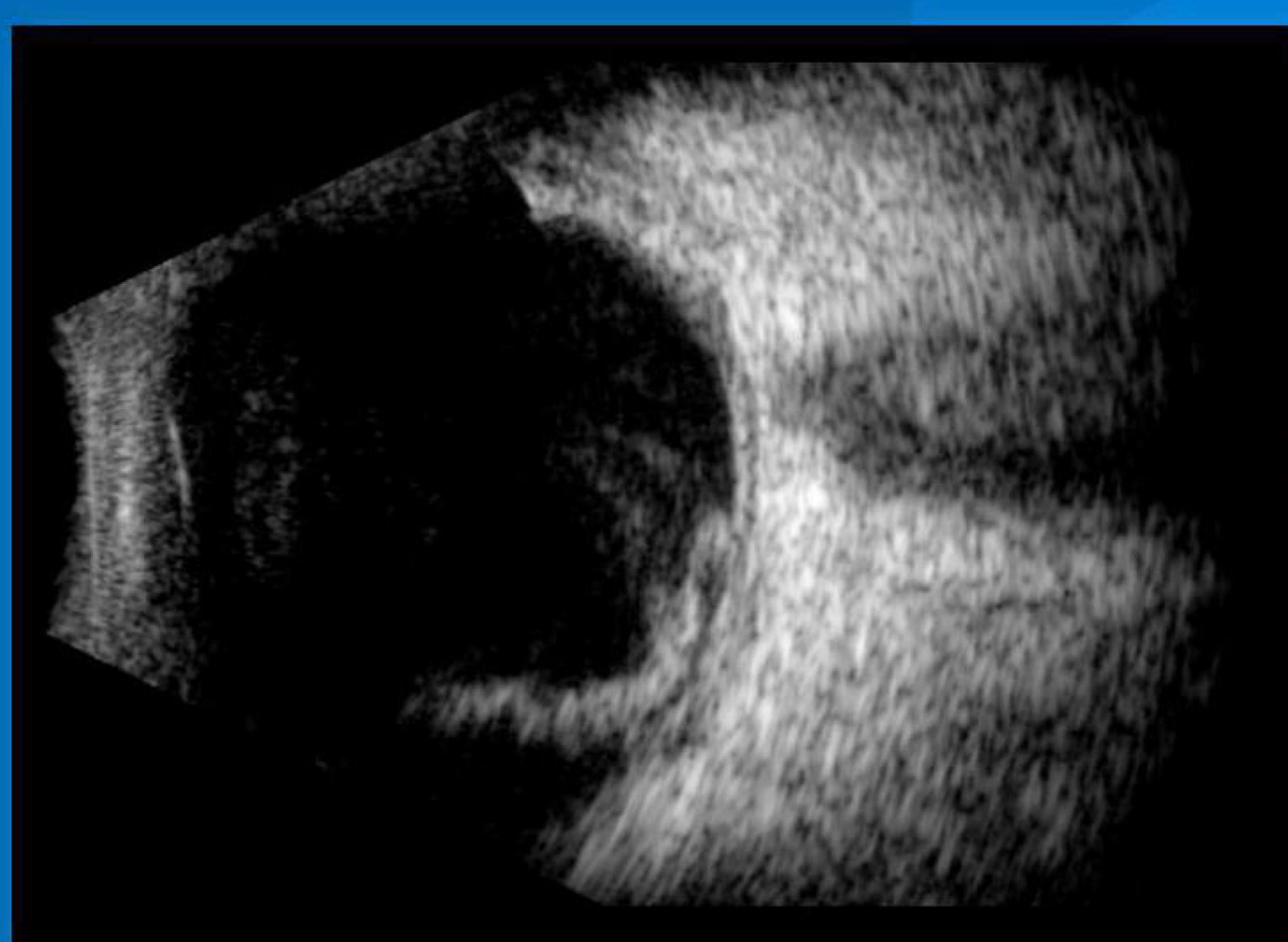
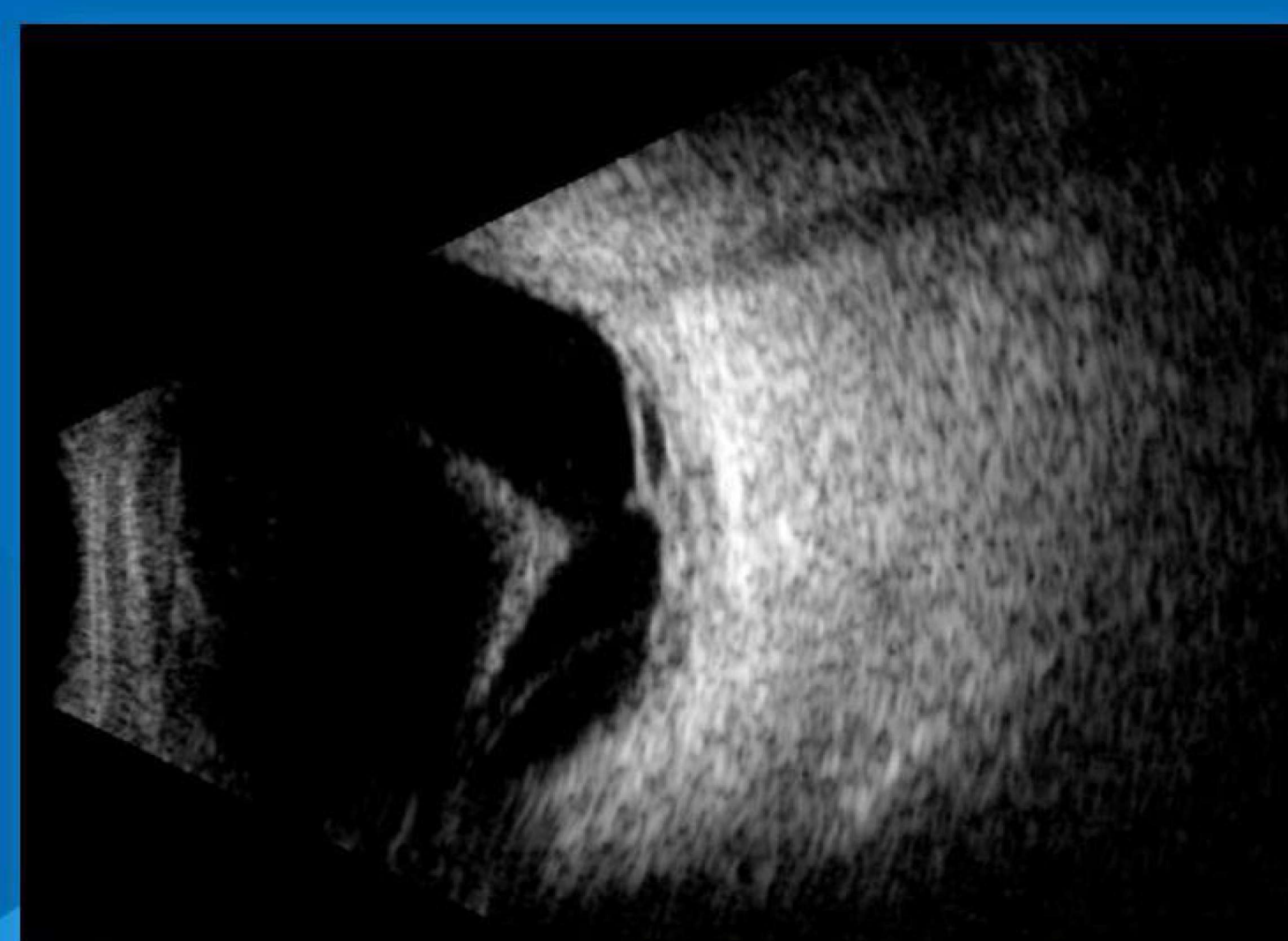
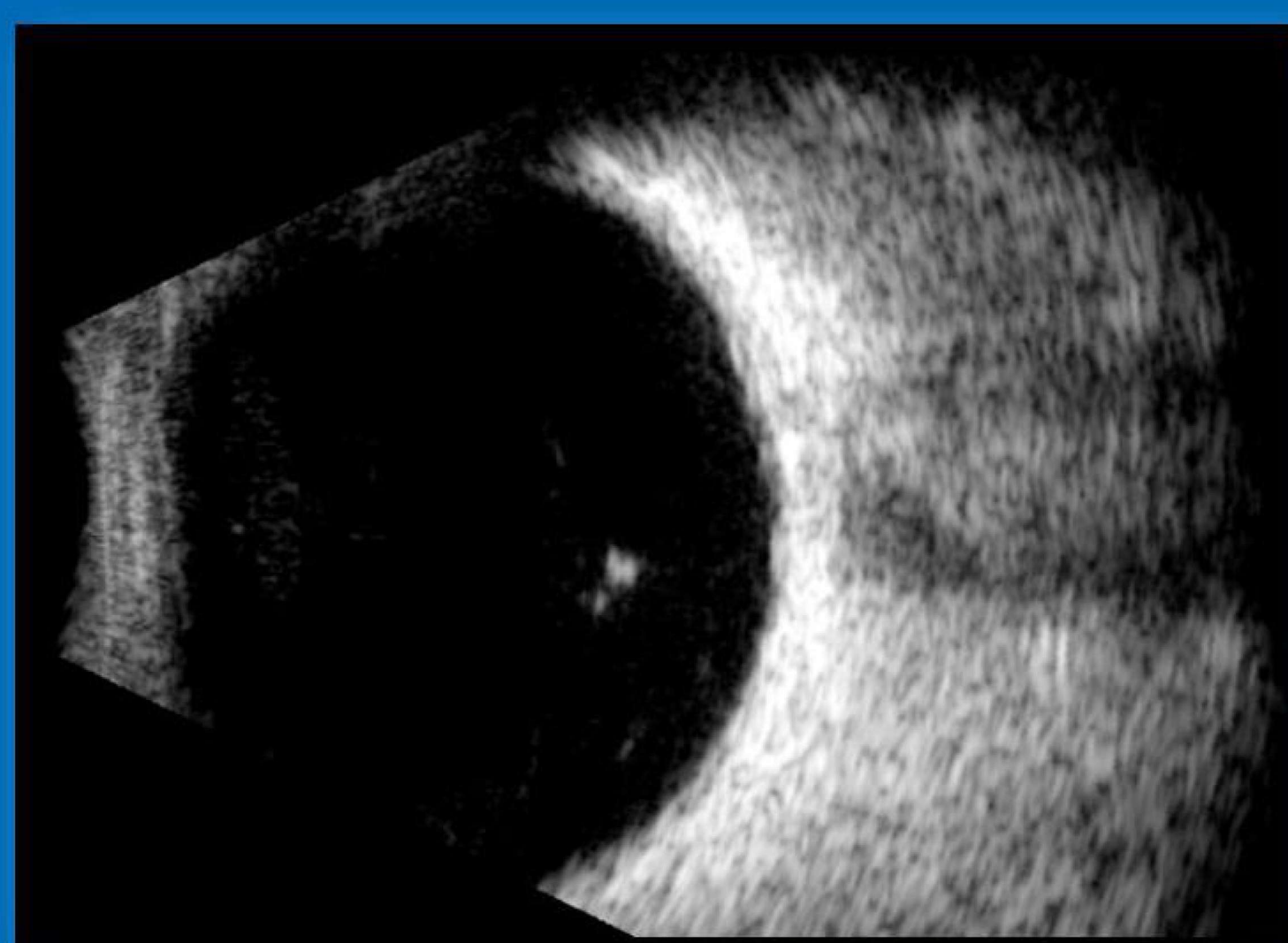
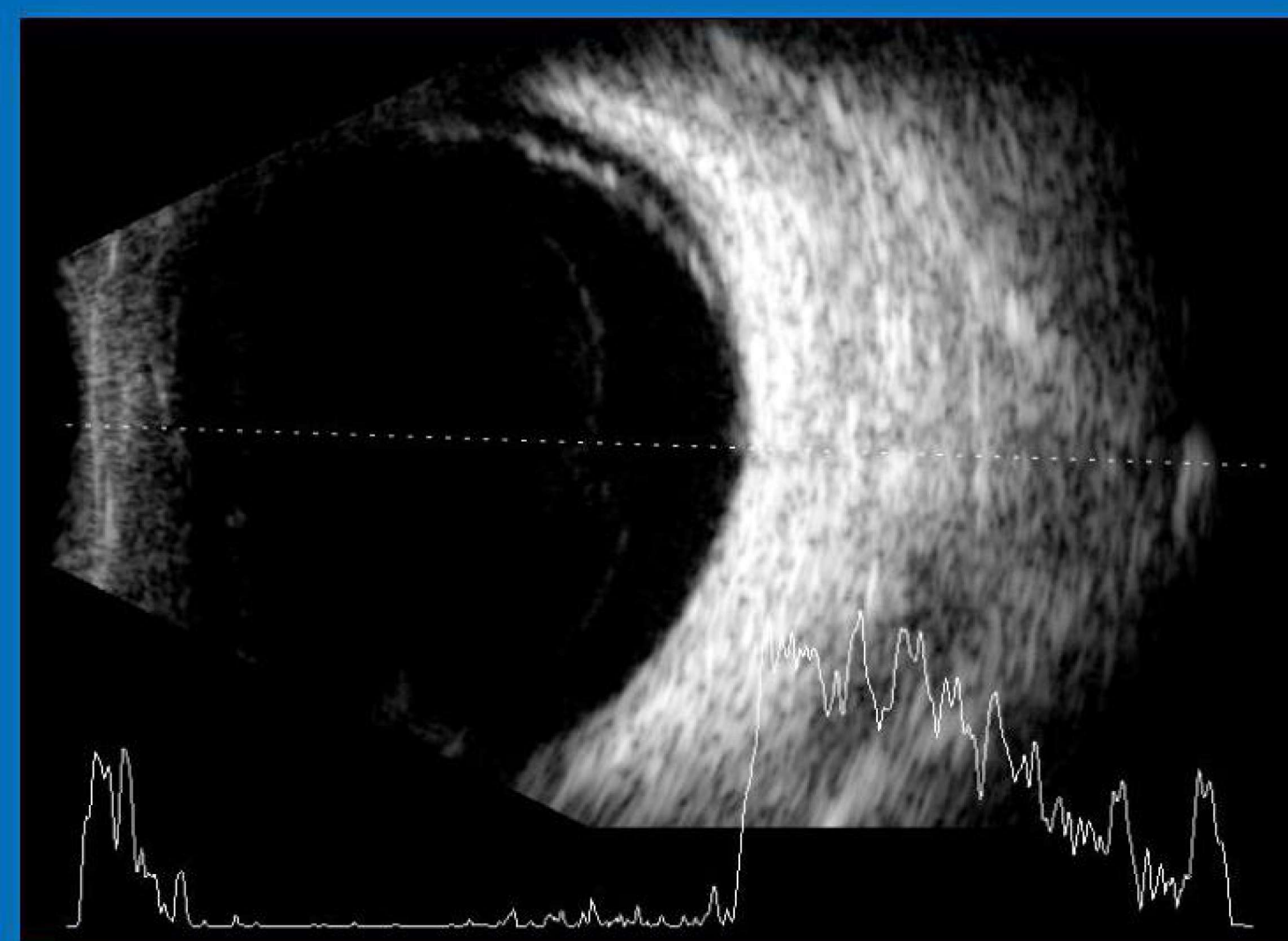
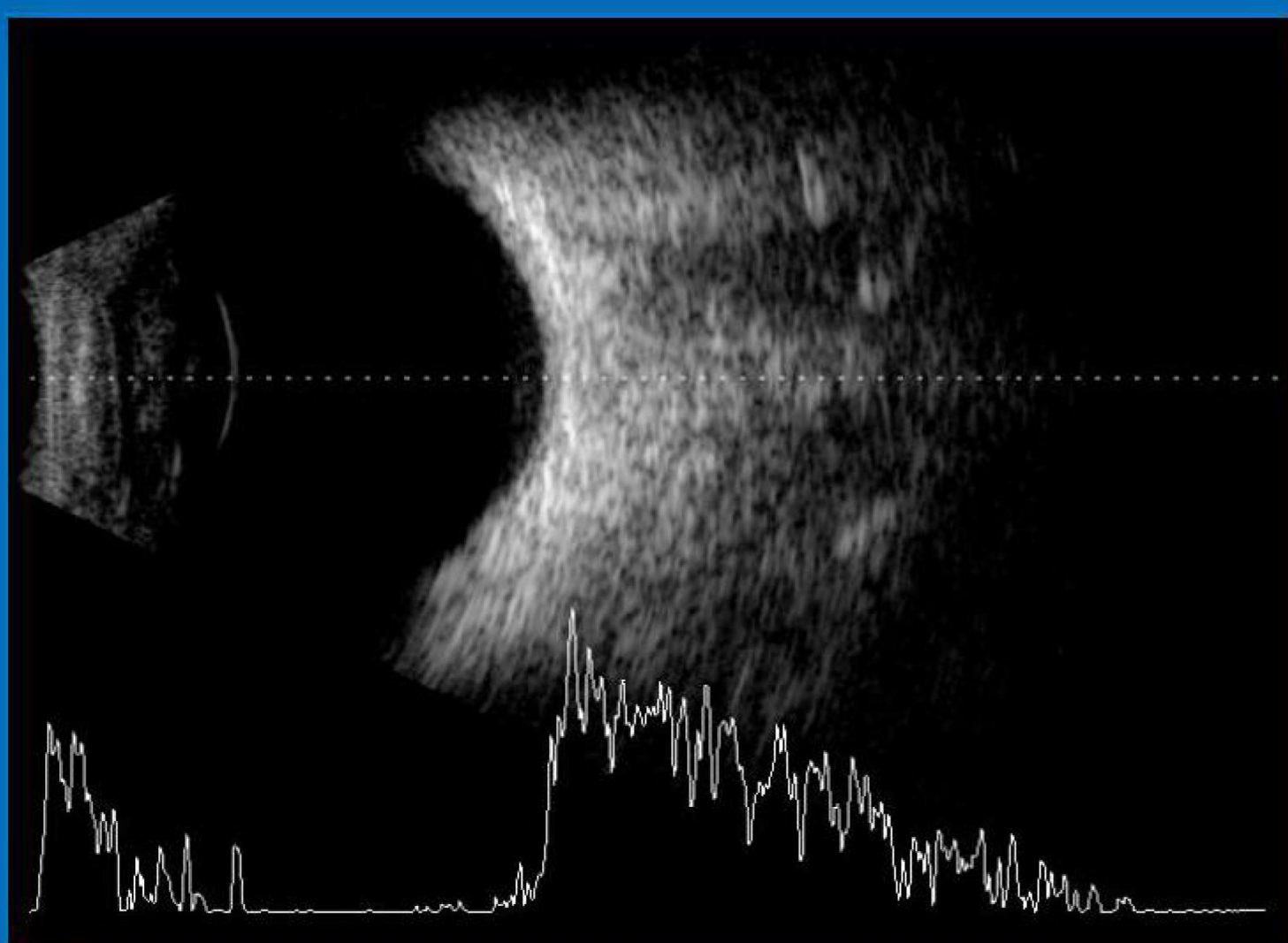
■ B-SCAN GALLERY

Unique B-scan probe technology to ensure every detail and to achieve the ultimate clarity

Present high-quality images with clear tissue and pathological structure

With enhancement function of vitreous body, leave out no lesions, ensure high-reliability reports

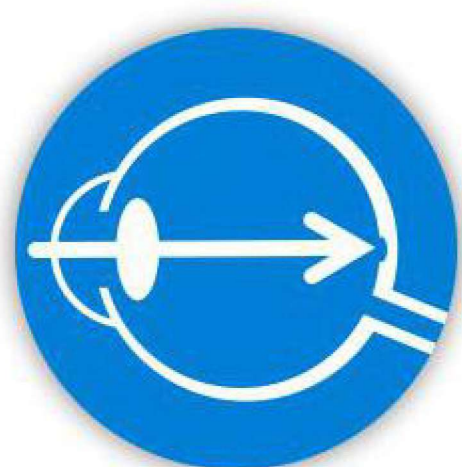
With closed-loop technology, ensure real-time synchronization of dynamic images and high-accuracy





■ SK-2000AP

A-scan and Pachymeter, two in one
With exquisite and small size
Faster calibration speed, smoother operation



ACCURATE A-SCAN

Perfect ultrasonic frequency of 10 MHz, deeper detection depth and higher image resolution



MULTIPLE MEASUREMENT MODES

Six crystal modes, Automatic and manual methods, meet different clinical needs



10 SETS OF OUTPUT DATA

Real-time automatic calibration, average value and standard deviation calculation, more accurate measurement results



ACCURATE PACHYMETER

High-Frequency of 20M to ensure measurement accuracy



6.5-INCH COLORFUL TOUCH SCREEN



BUILT-IN THERMAL PRINTER

TECHNICAL PARAMETER

SK-2000AP A-Scan and Pachymeter

A-Scan

Frequency: 10MHz

Accuracy: $\leq 0.05\text{mm}$

Depth: 0 - 40mm

IOL Calculation: 6 Common Methods, SRK-2, SRK-

T, Binkhorst II, Hoffer Q, Hollady, Haigis

Default Eye Mode: Normal, Dense, Aphakic,

PMMA, Acrylic and Silicone, 3 Customized Modes

Calibration Mode: Automatic and Manual

Measurement Method: Immersion or Contact

Pachymeter

Frequency: 20MHz

Accuracy: $\leq 5\mu\text{m}$

Depth: 0.15mm-1.5mm

Measurement Method: Contact

Other Parameter

Gain: 0-99db

Touch Screen: 6.5 Inch Color

Display Resolution: $\leq 0.1\text{mm}$

Output Information: 10-group Data, Average &

Standard Deviation Calculation

Storage: 200 Copies Exam Data

Print: Built-in Fast Thermal Printer

SK-3000A A-Scan, B-Scan and Pachymeter

B-Scan

Frequency: 10MHz

Scan Mode: Closed-loop Magnetic-driven

Gray Levels: 256

Adjustable Gain: 0-105db

Post-gain Range: 0-105db

Depth: 40mm, 60mm

Angle of Exploration: 53°

Image Freezing: 20 pcs

Foot-switch: Control Freezing and Release

Resolution: Axial $\leq 0.2\text{ mm}$, Lateral: $\leq 0.4\text{mm}$

Display Mode: B, B+A

Playback: 150 Frame Playback and Screenshot

A-Scan

Frequency: 10MHz

Measurement Range: 0 - 40mm

Accuracy: Axial Length Measurement $\leq 0.05\text{mm}$

Default Eye Mode: 7 Different Modes and 2 Customized Modes

IOL Calculation: 8 Common Methods, 4 Formulas Calculated

Simultaneously with One Set of Data

Statistical Calculations: Standard Deviation, Average

Pachymeter

Frequency: 20MHz

Accuracy: $\leq 5\mu\text{m}$

Depth: 0.15mm-1.5mm

Other Parameter

Computer: Special Embedded System, 12.1 Inch Touch Screen

Image Processing: Contrast, Image Playback, Pseudo Color

Display, Nidus Measurement, Image Marking

Printer Support: SONY Graphic Printer, Regular Printer

