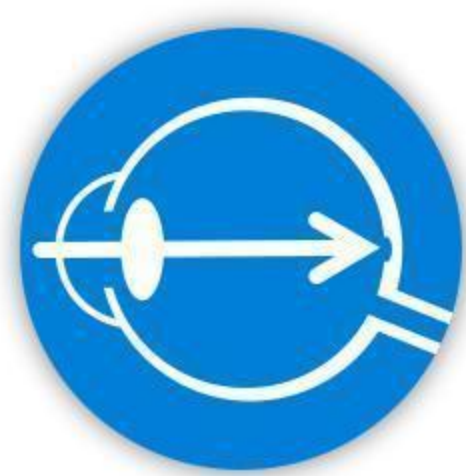




SK-2000AP

A-scan and Pachymetry, 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 PACHYMETRY

High-Frequency of 20MHz to ensure measurement accuracy



6.5-INCH COLORFUL TOUCH SCREEN



BUILT-IN THERMAL PRINTER

TECHNICAL PARAMETER

SK-2000AP A-Scan and Pachymetry

A-Scan

Frequency: 10MHz
Accuracy: $\leq 0.05\text{mm}$
Depth: 0 - 40mm
IOL Calculation: SRK-II, SRK-T, Binkhorst II, Hoffer Q, Holladay, Haigis
Eye Mode: Phakic, Dense, Aphakic, PMMA, Silicone, Acrylic, 3 Customized Modes
Calibration Mode: Automatic and Manual
Measurement Method: Immersion or Contact

Pachymetry

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 Pachymetry

B-Scan

Frequency: 10MHz
Scan Mode: Closed-loop Magnetic-driven
Gray Levels: 256
Adjustable Gain: 0-105db
Dynamic Range Adjustment: 0-105db
Depth: 40mm, 60mm
Detection Angle: 53°
Image Freezing: 50 pcs
Foot-switch: Freeze, Release and Save
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: $\leq 0.05\text{mm}$

Eye Mode: 7 Different Modes and 5 Customized Modes

IOL Calculation: 6 Common Methods + 2 Post-Refractive Methods

Statistical Calculations: Average & Standard Deviation

Pachymetry

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: length and angle measurement, point and area marking, contrast and sharpness adjustment

Printer Support: HP Regular Printer



ULTRASOUND

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

■ SK-3000A

A-scan, B-scan and Pachymetry, 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

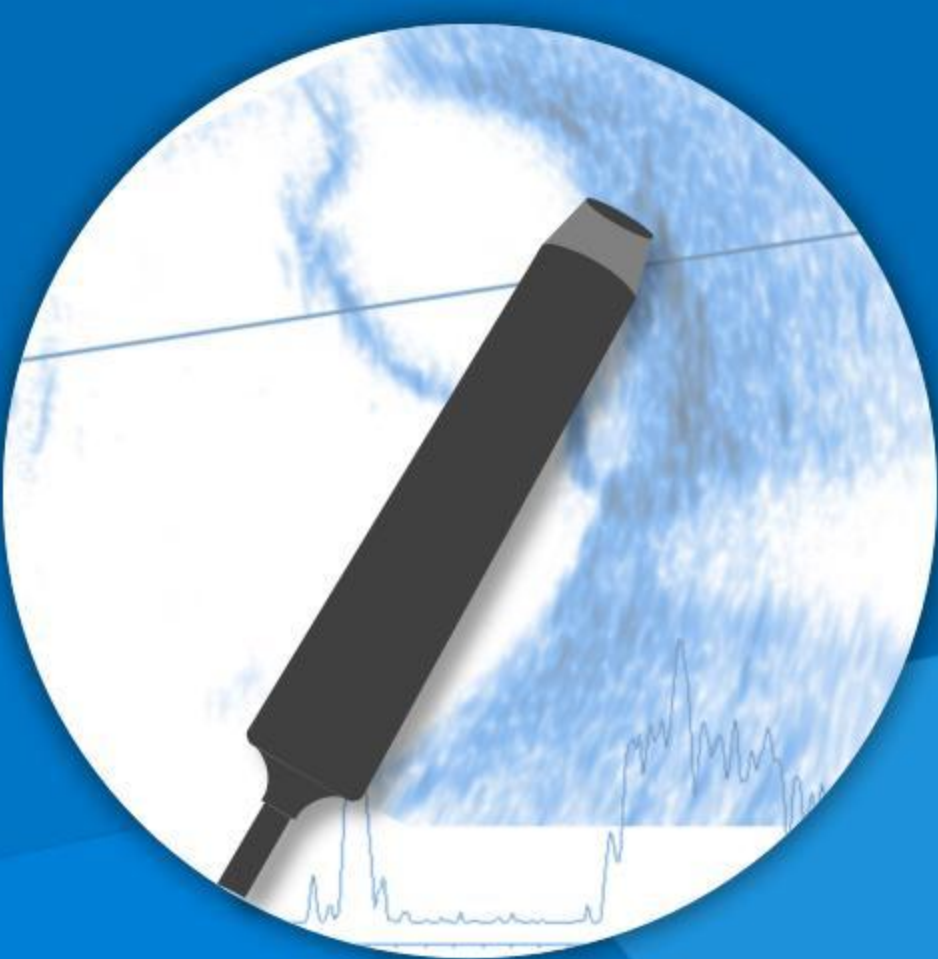


■ CLOSED-LOOP MAGNETIC-DRIVEN B ULTRASONIC PROBE

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



DYNAMIC RANGE ADJUSTMENT

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

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

Doctor can easily obtain the best resolution ratio. The clearer observation, the more accurate diagnosis which avoids missing 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 diagnostic basis

PACHYMETRY

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, 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 longtime 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

