



ULTRASOUND

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



■ 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



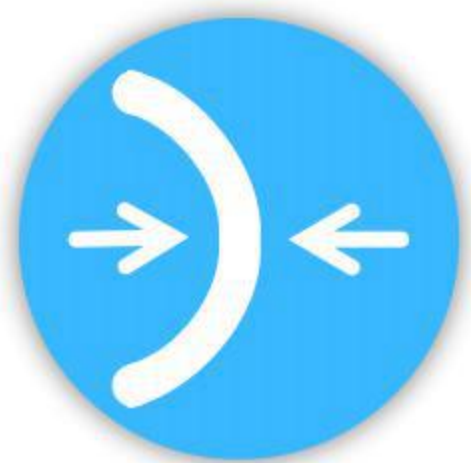
MULTIPLE MEASUREMENT MODES

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



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