A-Scan Plus Connect

Features:
- Immersion and contact modes
- Industry-leading resolution
- IOL formulas including the Hoffer Q, SRK/T, Holladay I, Haigis, SRK II, Binkhorst II, as well as new post-refractive formulas
- Customizable lens, ACD and VCD materials for new emerging implant/chamber materials
- Optimized lens constants for superior surgical outcomes
- Easy to set up defaults, smooth customer interface, and automatic EMR exports to decrease examination time, increase patient throughput, and increase profit
- Automatic alignment detection and sclera recognition help eliminate marginally aligned scans
- Seamless workflow integration with IOLMaster 500 from ZEISS.
- Fully upgradeable software
- Unlimited data storage, based on PC/network storage
- EMR capability with automatic transfer of data
- DICOM ready
- Unlimited IOL lens groups
- Piggyback calculation ability for ICL implant patients
- Rx surgery calculations for an aging Lasik population
- PC-based platform
- PDF reporting

A-Scan Plus Connect Specifications

- WEIGHT: 0.43Kg (15.1 oz.)
- DIMENSIONS: 13.75cm x 9.50cm x 6.40cm (5.4" x 3.7" x 2.5")
- METHODS: Immersion or contact
- DEFAULT EYE TYPE SETTINGS: Phakic, Dense Cataract, Silicone Filled, Pseudo PMMA, Pseudo Silicone, Pseudo Acrylic, Aphakic
- CUSTOM EYE TYPE SETTINGS: Unlimited with independent ACD, lens, VCD velocities
- MEASUREMENTS: ACD, lens thickness, VCD, axial length
- CAPTURE MODES: Automatic or manual
- FREQUENCY: 10MHz
- ELECTRONIC RESOLUTION: 0.016mm
- CLINICAL ACCURACY: 0.1mm
- ITEM NUMBER: 26-4400

For more information, please visit keelerusa.com

Improved efficiency
Easy-to-use interface for fast scan capture.

Trusted accuracy
Trusted reliability and accuracy with industry-leading resolution.
B-Scan Plus

The B-Scan Plus proprietary software combined with unique probe electronics make it the premier portable high-definition B-Scan. While developing the B-Scan Plus software, we visited many of the top facilities around the world. The results are a reliable and easy-to-use unit, which can quickly scan patients and transfer information.

Features

- **Superior Image** – 0.015mm image resolution is among the highest in the medical industry
- **Improved probe providing sharper, more focused images due to the elimination of signal loss**
- **Unsurpassed data analysis contains 12 useful measuring calipers, including six lines, two areas, two angles, and two arrows**
- **“Smooth Zoom” technology allows for 2x full-image zoom without distortion of real-time or captured scan**
- **The portable probe can plug into any Windows-based laptop or PC**
- **Adjustable film loops that range from 2 to 17 seconds**
- **Unlimited adjustable and transferable video recording**
- **Fully adjustable gain control before, during, or after scan**
- **Accutome Connect software allows the B-Scan Plus to integrate the option for A-Scan and UBM modes for improved patient workflow**
- **Easy to set up defaults, smooth customer interface, and automatic EMR exports to decrease examination time, increase patient throughput, and increase profit**
- **Unsurpassed compact file storage**
- **EMR compatible**
- **DICOM ready**
- **Multiple measuring velocities for ACD/VCD**
- **PDF reporting**
- **Archive data on a network or external hard drive**

### B-Scan Plus Specifications

**Weight**: 6 oz.

**Dimensions**: 7” long x 1.25” diameter

**Frequency**: 12 or 15MHz

**Axial Resolution**: 0.015mm electronic

**Lateral Resolution**: 0.085mm electronic

**Gain**: 0–112dB

**Adjustable Gamma**: Linear, S-Curve, Log, Color

**Scanning Angle**: 60°

**Field of View**: 12MHz = 44mm or 15MHz = 32mm

**Sampling Axis**: 756 (points per line)

**Vectors Per Frame**: 2,048

**Focal Point**: 22mm

**Focal Zone**: 20mm

**TGC**: Yes

**Frozen Image Gain Adjustment**: Yes

**Zoom**: 2x optical zoom, 8x maximum

**Specifications**

- **Reports**: Integrated Microsoft Word
- **Snapshot Format**: .jpeg, .bmp, .png, .tiff, .gif
- **Data Archive/Export Capability**: Yes
- **Max. Number of Frames Per Scan**: 256
- **Size of Cine Loop**: 16–128 MB
- **Measurement Calipers**: 6 line, 2 area, 2 angle, 2 arrow
- **Accessories**: Durable traveling case, probe holder, footswitch
- **Item Number**: 24-6100

For more information, please visit keelerusa.com
UBM Plus

The UBM Plus probe has a guarded tip to prevent damage to both the patient and the probe. The unit is used for anterior segment imaging. This unit is an incredibly portable device because the 48MHz probe plugs directly into any Microsoft Windows laptop or desktop computer. The UBM features an all-in-one probe design to eliminate signal loss and provide the sharpest images possible.

Features

- High-definition imaging – Detailed structure definition, including cornea, iris, ciliary body, zonules, crystalline lens, and intracocular lens, as well as pathologies
- State-of-the-art probe design – Sharper, more focused images due to the elimination of signal loss
- Unsurpassed data analysis – Contains tools for measuring sulcus-to-sulcus, anterior chamber depth, positioning of intraocular lenses, and filtration angle of the eye
- Easy-to-set-up defaults, smooth customer interface, and automatic EMR exports that decrease examination time, increase patient throughput, and increase profit
- Adjustable video loop
- Full upgradeable software
- EMR compatible
- DICOM ready
- Multiple measuring velocities for ACD
- PDF reporting
- Fully adjustable gain-control before, during, or after scan
- Data archive – Network or external hard drive

UBM Plus Specifications

- **Weight**: 6 oz.
- **Dimensions**: 7" long x 1.25" diameter
- **Frequency**: 48MHz
- **Axial Resolution**: 0.015mm electronic
- **Lateral Resolution**: 0.05mm electronic
- **Gain**: 0–112dB
- **Adjustable Gamma**: Linear, S-Curve, Log, Color
- **Scanning Angle**: 30°
- **Field of View**: 32mm
- **Frame Rate Per Second**: 10
- **Sampling Rate**: 2,048 (points per line)
- **Vectors Per Frame**: 256
- **Focal Point**: 13mm
- **Focal Zone**: 4mm
- **TGC**: Yes
- **Frozen Image Gain Adjustment**: Yes
- **Zoom**: 8x maximum
- **Reports**: Integrated Microsoft Word
- **Snapshot Format**: .jpeg, .bmp, .png, .tiff, .gif
- **Data Archive/Export Capability**: Yes
- **Max. Number of Frames Per Scan**: 256
- **Size of Cine Loop**: 16–128MB
- **Measurement Calipers**: 4 lines, 2 areas, 2 angles
- **Accessories**: Durable traveling case, probe holder, footswitch, wireless mouse, 18mm and 20mm Immersion shells
- **Item Number**: 24-6300-G

For more information, please visit keelerusa.com.
Pachymetry

Handheld Pachymeter

The PachPen is the perfect tool for testing a patient’s corneal thickness with accuracy, portability, and comfort. The superior ergonomic design fits comfortably in any hand, offering a major advantage from other handheld models.

Accurate
The PachPen’s 65MHz sampling probe ensures precise measurements and uses digital signal analysis to analyze wave patterns and to eliminate non-perpendicular measurements.

Easy-to-use
An ergonomic design, combined with sighting lines, allows for easy visualization of the cornea; facilitating both centralization and perpendicularity. The contoured molding with a large, visible LCD screen allows the PachPen to be used ambidextrously and fit comfortably in any size hand.

Ready-to-use
Digital ultrasound analysis eliminates the need for calibration. The long-lasting battery will last for four to six months.

PachPen specifications
- ACCURACY: +/- 5 Microns
- WEIGHT: 3.0 oz.
- DIMENSIONS: 7¼” x 1¼”
- PROBE DIMENSION: 2.5mm diameter
- MEASUREMENT RANGE: 300–999 Microns
- POWER SOURCE: 3.6v lithium battery
- ITEM NUMBER: 24-5100

AccuPach VI Pachymeter

Easy-to-use
The unsurpassed ease-of-use of the touchscreen, and the straightforward graphical user interface guide you through every operation. The high-resolution LCD touchscreen provides an intuitive user interface.

Superior accuracy
Industry-leading signal acquisition and processing helps ensure accurate measurements. State-of-the-art digital technology (Accutome’s Digital Signal Analysis), combined with a probe sampling of 65 MHz ensures precise readings.

Smarter software
Smarter software allows entry of intraocular pressure (IOP) and provides corrected IOP based on corneal thickness measurements. Displays measured corneal thickness, entered IOP, and average of standard deviation for all stored measurements. Automatically capture and store up to nine measurements for each eye, along with the running average of all measurements taken.

USB interface
The USB flash drive is used to store patient data, which can be transferred to a computer for storage, or printed.

AccuPach VI specifications
- ACCURACY: +/- 5 Microns
- WEIGHT: 3.1 lbs.
- ELECTRONIC RESOLUTION: +/- 1 Microns
- DIMENSIONS: 10” x 10” x 2.5”
- PROBE DIMENSION: 0.25” Diameter x 1.75” length
- POWER SUPPLY: Medical grade power supply
- ITEM NUMBER: 24-6204

For more information, please visit keelerusa.com
4Sight

See It from Every Angle

A-Scan, B-Scan, UBM, and Pachymeter in one, easy-to-use platform

We understand the demands on today’s busy clinics, which is why the 4Sight is designed to meet those needs. The 4Sight is a single solution for all ophthalmic ultrasound imaging at an affordable price. The A-Scan, B-Scan, UBM, and pachymeter have all been combined into one unit to eliminate wasted time switching modalities. The 4Sight is accurate, efficient, and affordable, making your job easier.

Features

• Modular platform allows for mix-and-match options with a combination specific to your needs
• DICOM worklist compatible
• Easy-to-use software for all probes
• User-friendly interface with touchscreen capability
• Unsurpassed image quality
• Printer compatibility
• Mobility of probes; can be used with 4Sight or laptop
• Live help and dependable support for the life of the product
• Proprietary signal processing
• Industry-leading clinical accuracy
• Financing options available upon request

4Sight

For more information, please visit keelerusa.com
Ultrasound Imaging – Connect Software

Accutome Connect is a single application solution for managing your ultrasound patient workflow, including A-Scan, B-Scan, and/or UBM. The software is a powerful and portable diagnostic tool designed to meet the demands of today’s ophthalmic practice. The A-Scan, B-Scan, and UBM probes plug directly into a PC, laptop, or tablet device and offer flexible data transfer to meet your clinical needs. All patient data is easily updated to electronic medical records and can be stored, emailed, or printed quickly. Reports are generated with just a few clicks of a button. Take the Connect anywhere with no software licenses, allowing you to load the software in multiple exam rooms and offices. Protect your investment with easily upgradeable software, and streamline your patient data by sharing information between each system.

It’s all connected

The Accutome Connect is the only system to use the same probes as the Accutome 4Sight, boasting reverse compatibility and industry-leading options for portability and functionality. Both systems also use the same graphical user interface, eliminating the learning curve and making the transition seamless when switching from one system to the other.

For more information, please visit keelerusa.com