



See it from every angle.

# 4SIGHT®

For over 30 years Accutome has built a reputation for high quality, reliable and reasonably priced ophthalmic diagnostic equipment. The addition of the 4Sight® is no exception. The 4Sight® is made in the USA and designed with eye care professionals in mind. It provides a single solution for ophthalmic diagnostics by combining an A-Scan, B-Scan, UBM and Pachymeter in one, easy-to-use platform.

We realize the demands on today's busy clinics and designed the 4Sight® to meet those needs by delivering a high value product that is accurate and efficient.

## High Value Workstation

- Single solution for all ophthalmic ultrasound imaging at an affordable price
- High quality with industry-leading warranty and service programs
- Live help and dependable support for the life of the product

## Accuracy

- Proprietary signal processing
- Industry leading clinical accuracy
- Unsurpassed image quality

## Efficiency

- Single point-of-use technology for all ophthalmic diagnostic imaging needs in an ergonomic portable package
- Intuitive user interface for a rapid and smooth learning curve
- Easy data transfer between modalities and higher patient throughput
- DICOM<sup>SM</sup> Worklist compatible

## 4SIGHT®...

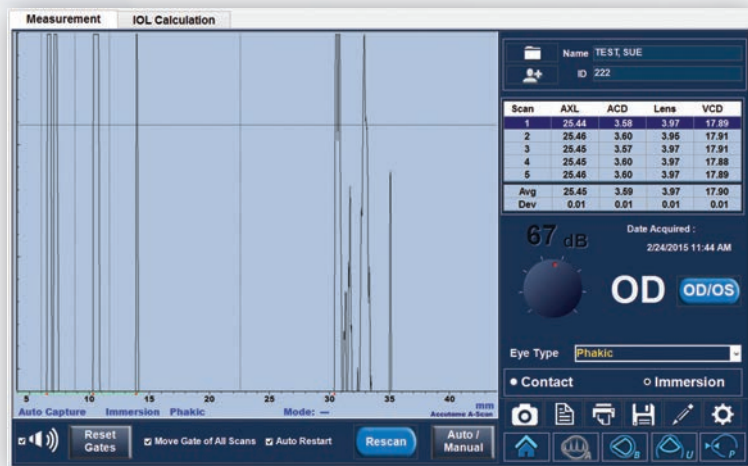
A single solution for ophthalmic diagnostics by combining an A-Scan, B-Scan, UBM and Pachymeter in one, easy-to-use platform







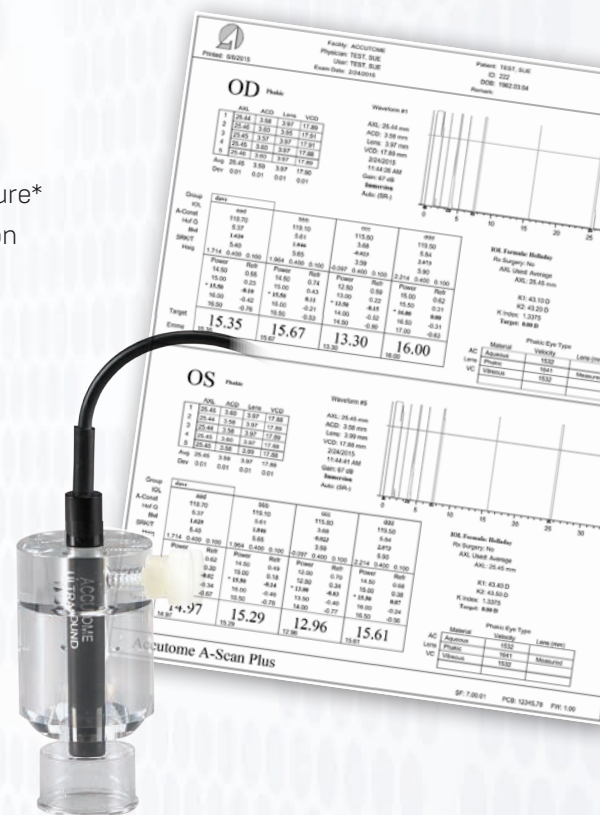
# A-SCAN



The A-Scan is the single most effective solution for measuring and calculating all of your patients and refining your surgical outcomes.

## The A-Scan features:

- Immersion and contact modes
- Industry leading resolution
- User-friendly interface
- Less patient chair time — faster measurement capture\*
- Automatic alignment detection and sclera recognition eliminate marginally aligned scans
- Share information easily — adaptable document transfer via EMR, email or printer
- Modern third and fourth generation formulas including the Hoffer®Q, SRK/T, Holladay, Haigis, SRK II and Binkhorst II as well as new post refractive formulas
- Optimized lens constants for superior surgical outcomes
- Streamline your patient data — patient data is passed between modalities for quicker patient flow



\* When compared to original A-Scan Plus.

# B-SCAN

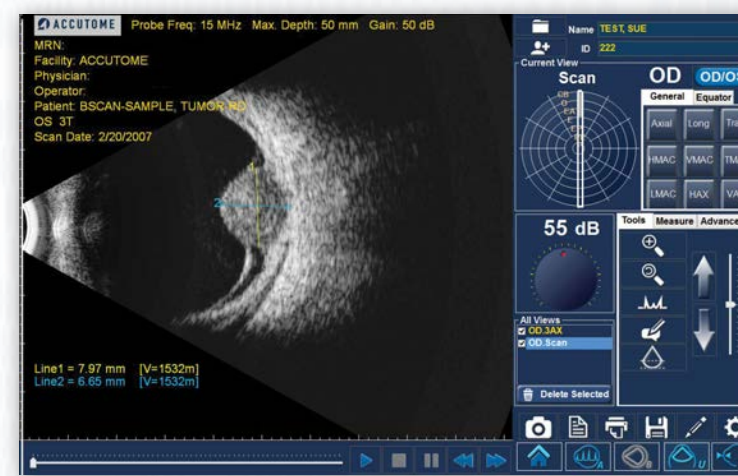
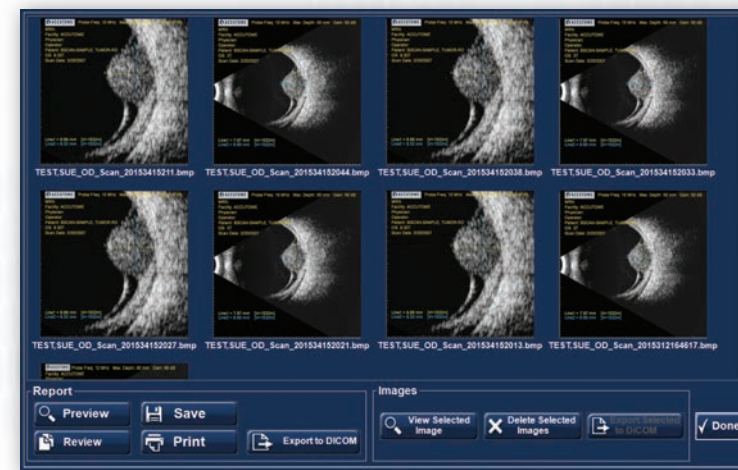


## The B-Scan features:

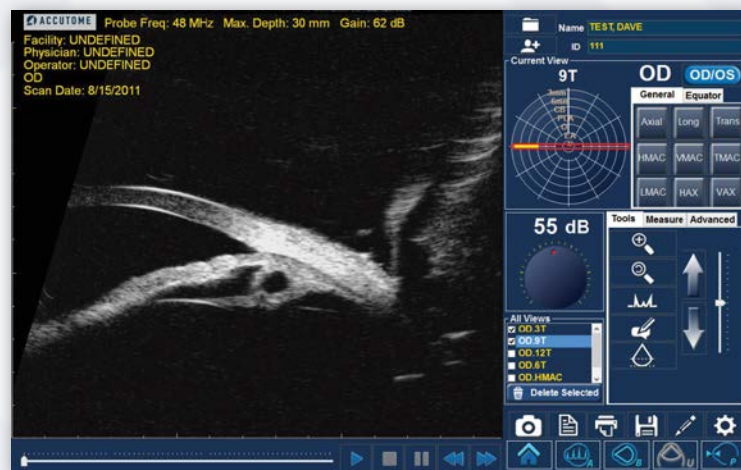
- Image is everything — 0.015 mm resolution is among the highest in the medical industry
- State-of-the-art probe design — sharper, more focused images due to the elimination of signal loss
- Unsurpassed data analysis — contains 12 useful measuring calipers
- “Smooth Zoom” Technology — 2x full image zoom without distortion of real-time or captured scan
- Portable — Use with the 4Sight or any Windows based laptop or PC
- Never Miss an Image — Unlimited film loop recordings
- Share Information Easily — Adaptable document transfer via EMR, email or printer
- Master in Minutes — User-friendly interface makes user manuals and quick start guides unnecessary



The B-Scan Plus®  
proprietary software  
combined with unique  
probe electronics  
makes it the premier,  
portable high  
definition B-Scan.



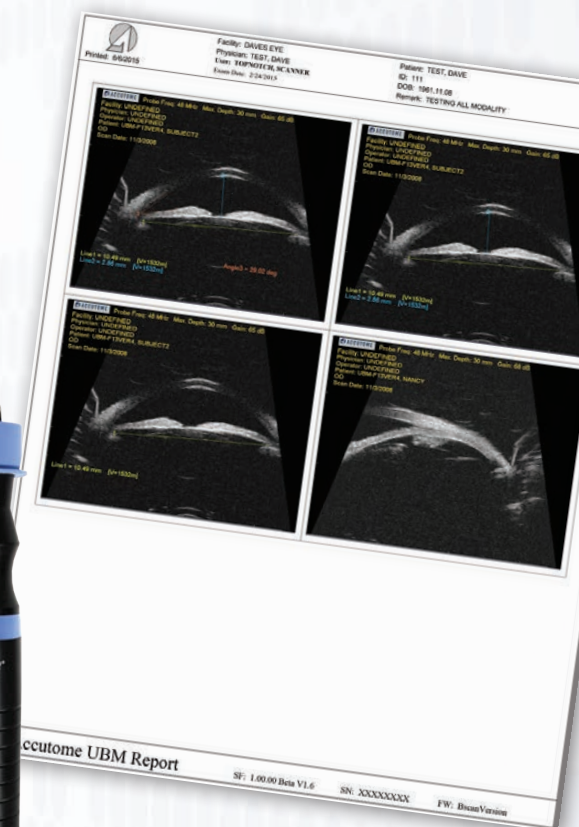




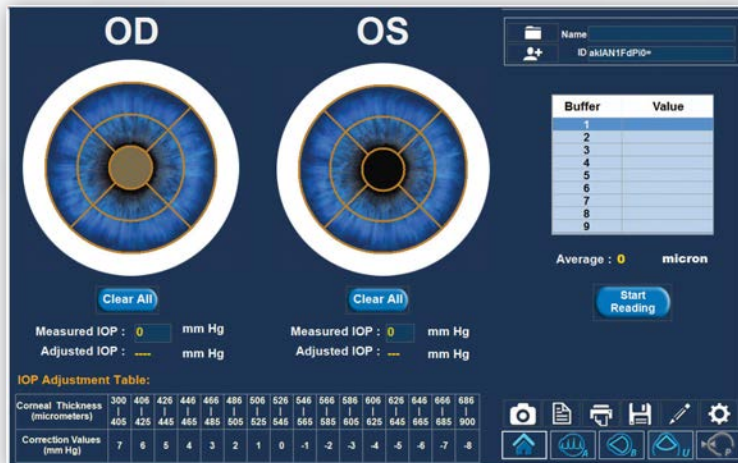
Accutome's UBM Plus® is used for anterior segment imaging. The revolutionary design combines the latest technologies with unsurpassed image quality.

### The UBM features:

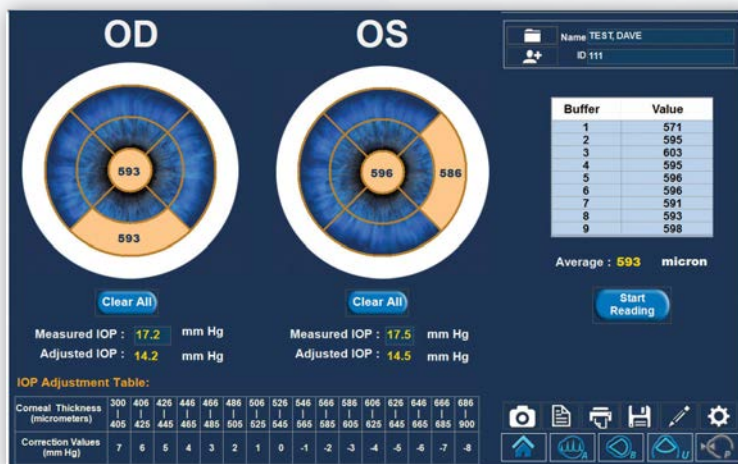
- High definition imaging — detailed structure definition including cornea, iris, ciliary body, zonules, crystalline lens and intraocular lens as well as pathologies
- State-of-the-art probe design — sharper, more focused images due to the elimination of signal loss
- Unsurpassed data analysis — contains measuring tools. Useful for measuring sulcus-to-sulcus, anterior chamber depth, positioning of intraocular lenses and filtration angle of the eye
- Portable — Use with the 4Sight® or any Windows based laptop or PC
- Never miss an image — unlimited 34 second film loops
- Share information easily — adaptable document transfer via EMR, email or printer
- Protect your investment — easily upgrade software
- Master in minutes — user-friendly interface makes user manuals and quick start guides unnecessary



# PACHYMETER

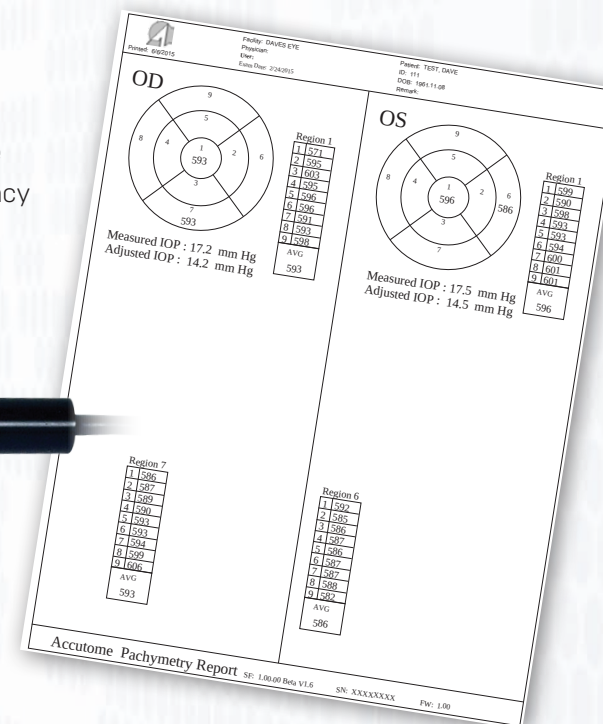


The 4Sight® Pachymeter has Digital Signal Analysis, which offers outstanding accuracy and repeatability.



## The Pachymeter features:

- IOP correction calculation — converts IOP measurements in seconds
- Easy-to-use interface
- Gentle touch probe
- Accuracy +/- 5 microns
- Innovative user interface
- 9 measurement areas per eye
- Increase workflow and efficiency
- Sampling rate of 65 MHz





# 4SIGHT

## Competition Matrix

See how Accutome’s 4Sight® stacks up against the competition. Please contact an Accutome representative or your local distributor for more detailed information.

| FEATURES                                        | Accutome's 4Sight® | Company X | Company Y | Company Z |
|-------------------------------------------------|--------------------|-----------|-----------|-----------|
| PORTABLE                                        | ★                  | ★         | ★         | ★         |
| TOUCHSCREEN                                     | ★                  | ★         | ★         | ★         |
| MODULAR DESIGN<br>Ability to add probes         | ★                  | ★         | ★         | ★         |
| MULTI-USE<br>Probes can be used with unit or PC | ★                  | ★         | ★         | ★         |
| DICOM <sup>SM</sup><br>Standard with purchase   | ★                  | \$        | \$        | \$        |
| WARRANTY<br>Standard 3 year warranty            | ★                  | ★         | ★         | ★         |

“You guys have been so great and such a pleasure to work with time after time. Thanks for all you do to make my job easier and my budget spread further.”

- Administrator, Atlanta, Georgia

“The 4Sight® unit is doing so well, the eye clinic is very happy with it, they say it [4Sight] works like a dream.”

- Sales Representative, Distributor; South Africa

We loved the viewing screen on the 4Sight®. The software is so much more user friendly. We do some astigmatic correction in the office (limbal relaxing incisions) and we do pachymetry on all quadrants of the cornea, so that is why we loved the pach screen with the quadrants showing. We also had great customer service! Every one of our questions was answered thoroughly and quickly.

- Certified Ophthalmic Technician; Florida



# SPECS

## 4Sight® Specifications

### 4SIGHT® UNIT

- Weight: 7 lbs.
- Dimensions: 15"W x 2"D x 11"H
- Touch screen
- Integrated DICOM<sup>SM</sup> worklist modality
- External connections HDMI and ethernet
- 5 USB ports
- A-Scan probe connection
- Pachymeter probe connection

### A-SCAN MODULE

- Weight: 0.08 oz.
- Dimensions: 1.75"L x 0.2"W
- Electronic Resolution: 0.016 mm
- Clinical Accuracy: 0.1 mm
- Frequency: 10MHz
- Immersion or contact measurement mode
- Default eye types Phakic, Dense Cataract, Silicone Filled, Pseudo Acrylic/PMMA/Silicone, Aphakic
- Custom eye types possible
- Measurements ACD, lens thickness, VCD, axial length
- Capture modes auto or manual
- Data points per waveform 4096
- IOL Formulas Hoffer Q, Holladay I, SRK II, SRK/T, Binkhorst II, Haigis, Clinical History, Contact Lens, Shammas Clinical, Entered
- Report/Image export PDF, JPEG, PNG, GIF, TIFF, BITMAP

### B-SCAN MODULE

- Weight: 6 oz.
- Dimensions 7"L x 1.25"W
- Axial Resolution: 0.015 mm (electronic)
- Lateral Resolution: 0.085 mm (electronic)
- Frequency: 12 MHz or 15 MHz
- Sampling Rate: 2048
- Scan Angle: 60°
- Gamma Linear, S-Curve, Log, Color
- Time gain control
- 2x optical zoom
- Report/Image export PDF, JPEG, PNG, GIF, TIFF, BITMAP
- 256 scans per frame
- 12 measuring calipers (6 lines, 2 areas, 2 angles, 2 arrows)

### UBM

- Weight 6 oz.
- Dimensions 7" x 1.25"
- Frequency 48 MHz
- Axial resolution .015 mm (electronic)
- Lateral resolution .05 mm (electronic)
- Gamma Linear, S-Curve, Log, Color
- Scan angle 30°
- Sampling rate 2048
- Time gain control
- 2x optical zoom
- Report/Image export PDF, JPEG, PNG, GIF, TIFF, BITMAP
- 256 scans per frame
- 12 measuring calipers (6 lines, 2 areas, 2 angles, 2 arrows)
- USB cable with power isolator

### PACHYETER PROBE

- Weight: 0.672 oz.
- Dimensions: 1.75"L x 0.2"W x 2.5 mm diameter
- Accuracy: ±5μ
- Sample Rate: 65 MHz
- Measurement Range: 300-999 μ
- Automated IOP adjustment

### ACCESSORIES

- Wireless mouse
- Wireless keyboard
- Probe holders (on the back of the unit)
- Power supply
- A-Scan immersion shell
- Manual
- Quick reference guide
- Test blocks (A-Scan)
- Foot switch
- Optional Accessories
  - Original B-Scan table top probe holder
  - Original UBM table top probe holder
  - Ergotron mounting arm (for wall and table mounting)





**Accutome  
Diagnostics  
Worldwide  
Distribution**

## ORDERING

Call toll free 1-800-979-2020 US and Canada  
610-889-0200 International  
+31 (0) 485-350300 Europe  
Fax: 610-889-3233  
info@accutome.com

**www.accutome.com**



3222 Phoenixville Pike, Building #50 • Malvern, PA 19355 USA  
European Office: Simon Homburgstraat 21 • 5431 NN, Cuijk, NL

Distributed by: