



 **Grafton Optical**

 **4SIGHT™**
ACCUTOME®

See it from every angle.



For over 30 years Accutone has built a reputation for high quality, reliable and reasonably priced ophthalmic diagnostic equipment. The addition of the 4Sight combination unit is no exception. Designed with eye care professionals in mind, the 4Sight provides a single solution for ophthalmic diagnostics by combining an A-Scan, B-Scan 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
- Modular platform allows for "Build to Suit" options with a combination specific to your needs
- 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 Worklist compatible

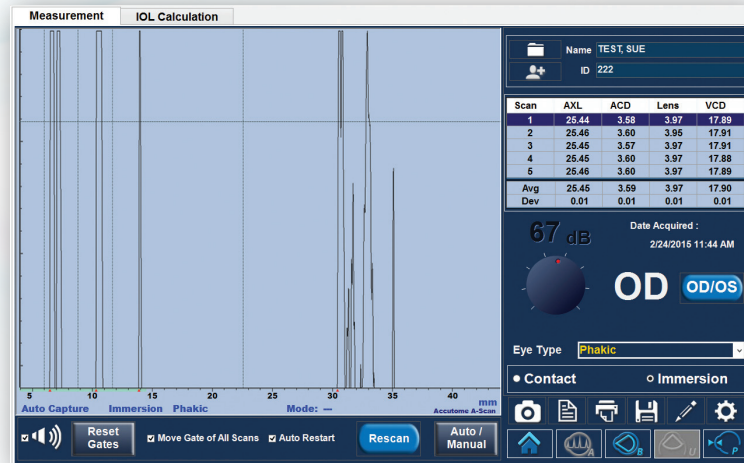
4SIGHT...

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





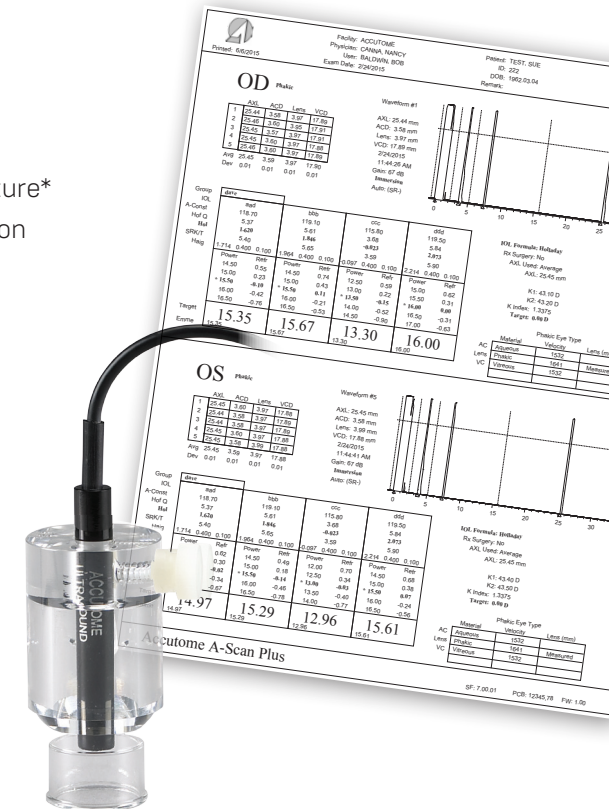
A-SCAN



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



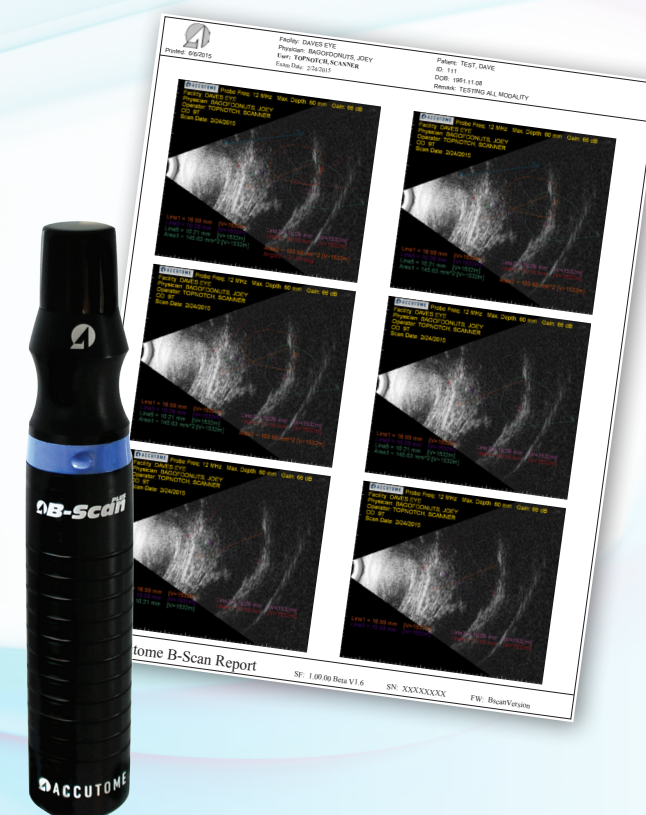
* When compared to original A-Scan Plus.

B-SCAN

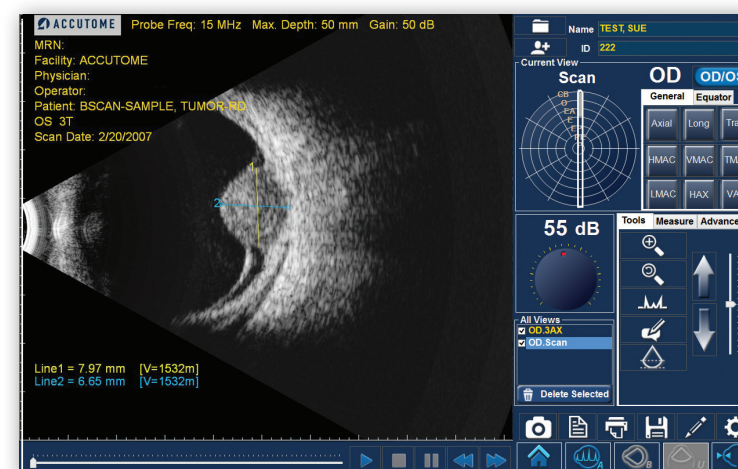
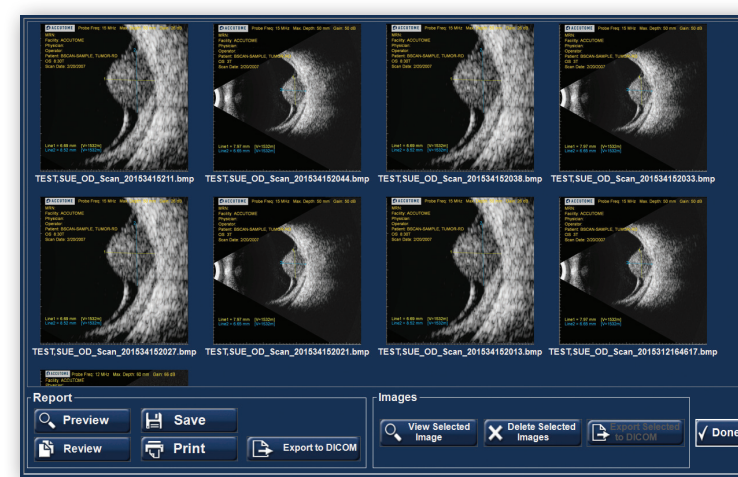


The B-Scan features:

- 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

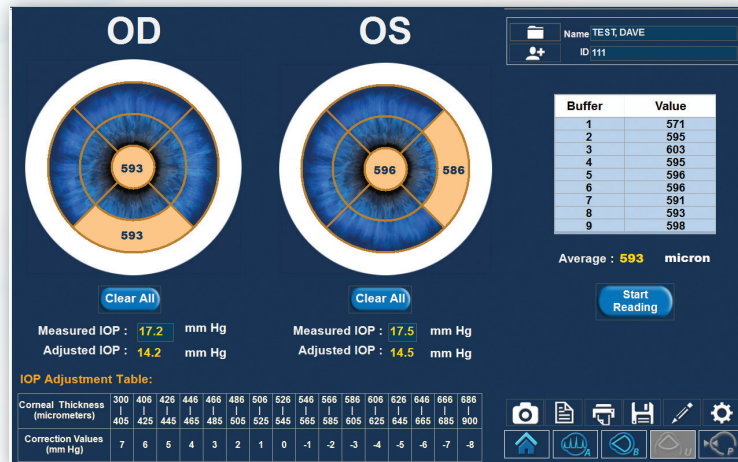
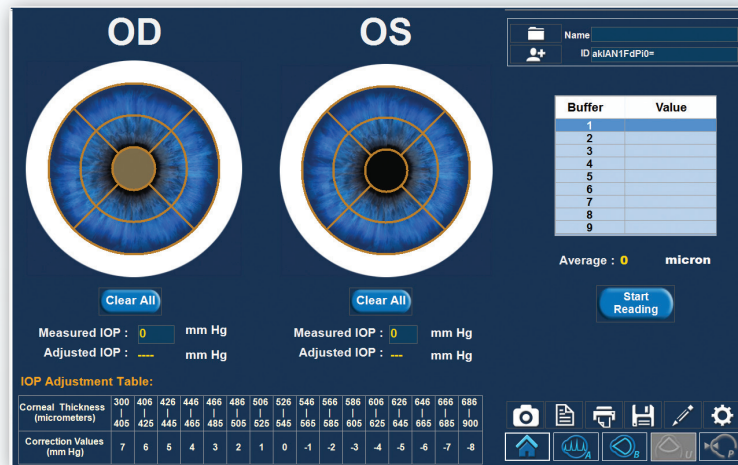


The B-Scan Plus™ proprietary software combined with unique probe electronics makes it the premier, portable High Definition B-Scan.





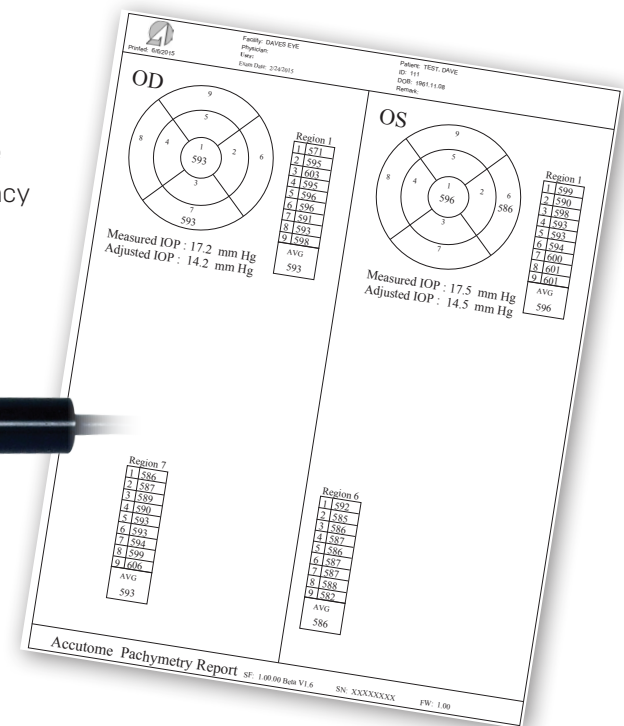
PACHYMETER



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





SPECS

4Sight Specifications

4SIGHT UNIT

- Weight: 5 lbs.
- Dimensions: 15"W x 2"D x 11"H
- Touch screen
- Integrated DICOM 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)

PACHYETER MODULE

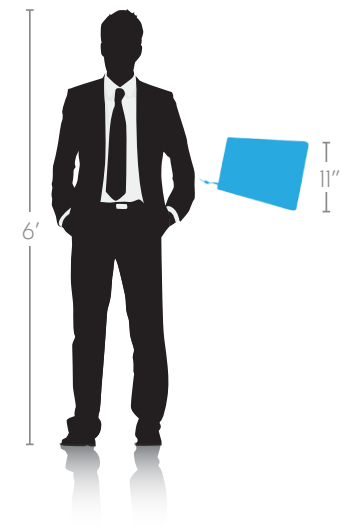
- Weight: 0.67 oz.
- Dimensions: 1.75"L x 0.2"W
- Accuracy: $\pm 5\mu$

- 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 and Pachymeter)

- Foot switch
- Optional Accessories
 - Original B-Scan table top probe holder
 - Ergotron mounting arm (for wall and table mounting)





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Available in the UK through Grafton Optical.

For a quote or to arrange a demonstration
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