



# B-Scan

Ophthalmic ultrasound imaging

 **Keeler**  
Focused on you

# High quality visualisation of the posterior eye

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We know how important it is to capture high-quality images every time, for confidence in providing the best possible diagnosis for your patients.

Our ergonomic B-scan probe is designed to provide you with crystal clear images of the posterior segment, making it a reliable partner for your ultrasound examinations.

Intuitively designed and fully portable, it is compatible with both the Keeler 4Sight™ 4-in-1 ultrasound system and Keeler Connect software (for using alone), to give you the versatility you need within your workspace. With automated functions to optimise your workflow, the B-Scan probe allows you to spend more time with your patients without interruptions.

The B-scan ultrasound probe features:

- **Ultra-high resolution** images (0.015mm) for added reassurance
- **Enhanced visualisation** of structure and/or disease, for a reliable diagnosis
- **Smooth zoom technology** to get you two times closer, with no distortion
- **Wide spectrum imaging**, to view from every angle
- **Portable and lightweight**, for all work environments
- Great value, competitive warranty and customer support local to you

## Focused on you

We understand that the ocular health of your patients is your number one priority.

Combining over 100 years of manufacturing expertise with customer insight and understanding, our mission is to help bring an end to preventable vision loss, delivering life-changing products and solutions to eye care professionals around the world.

### Educational resources

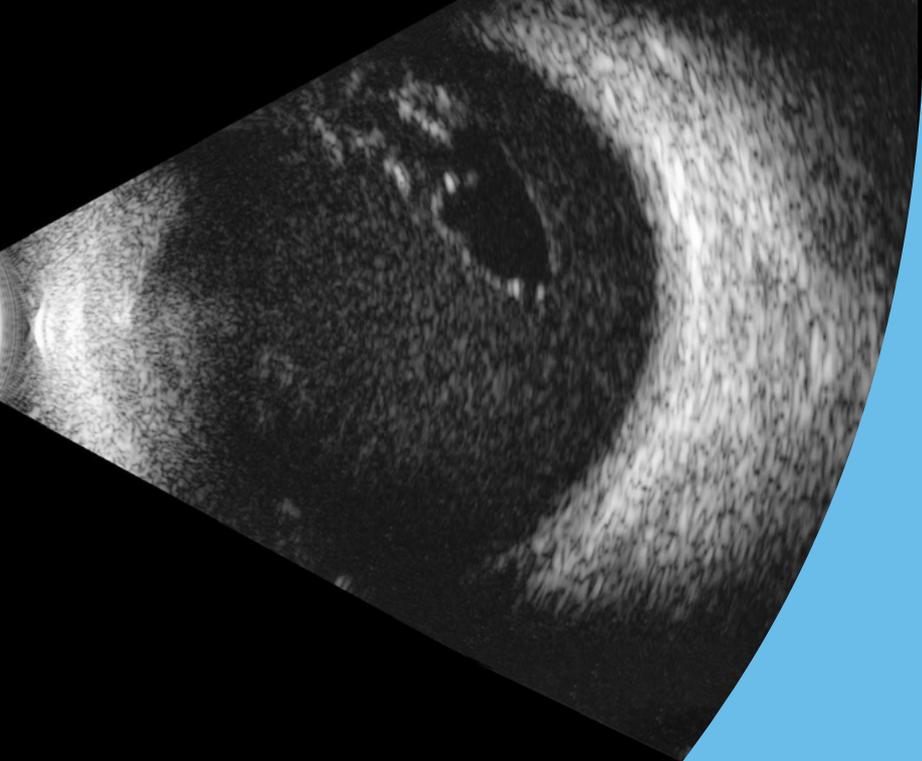
In addition to industry-leading diagnostic and surgical equipment, we also offer a wealth of educational resources, including videos, expert blogs and training materials, to support your continued education.

Please visit [resourcehub.keelerglobal.com](https://resourcehub.keelerglobal.com) to find out more.

### Global expertise and commitment

With manufacturing sites in the UK and USA, servicing centres in Spain, India and China, and global distribution and servicing partners all around the world, we can provide a local, relevant and timely service, tailored to you.

And because we know that everyone needs a little help from time-to-time, our world-class customer and technical support teams are ready whenever you need them. Please visit [www.keelerglobal.com/support-and-repairs](https://www.keelerglobal.com/support-and-repairs), for a full range of user manuals, cleaning instructions and product brochures.

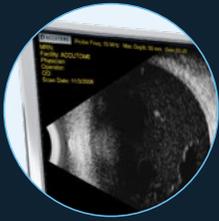


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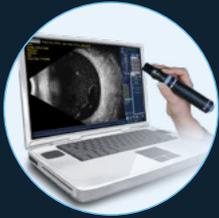
High resolution  
imaging with  
on-the-go  
convenience

# Key features and benefits



## High image resolution

Featuring 0.015mm image resolution, the B-scan probe is among the highest in the market, so you can trust you're getting high quality, crystal clear, images every time.



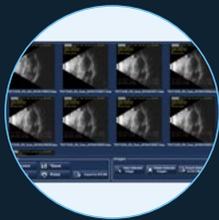
## Wide-ranging diagnosis

As well as imaging the internal structure of the eye, the B-scan probe works to visualise possible tumours, haemorrhages, detachments and diseases, to assist with future surgery and help you provide the the best results possible.



## Smooth Zoom

Uses smooth zoom technology providing 2x full image zoom without distortion, to give you the extensive detail you need when performing ultrasound examinations.



## Extensive scanning

The B-scan probe can compile a series of 256 A-scans over a 60° sweep angle, providing you with a comprehensive range of images and videos, using dual frequency (12 or 15 MHz) readings.



## Device portability & versatility

For the ultimate portability and flexible usage, the B-scan probe can be plugged into any Windows™ laptop or desktop computer, via USB connection, making it the perfect companion for busy eye care professionals on the go.



## State of the art software

Conveniently included in the B-Scan Connect and 4Sight proprietary software, are 12 measuring callipers, scan labelling tools, screen-shot capture, auto-print and reporting functions for data export, to ensure you have everything you need, all in one place.





**Comprehensive imaging  
of the internal structure,  
including visibility of possible  
tumours, retinal detachments,  
haemorrhages or ocular disease.**



# Product specification

## B-Scan ultrasound probe and software

<b>Weight</b>	6 oz.
<b>Dimensions</b>	7" x 1.25"
<b>Frequency</b>	12 MHz or 15 MHz readings
<b>Axial resolution</b>	0.015mm (electronic)
<b>Lateral resolution</b>	0.085mm (electronic)
<b>Gamma</b>	Linear, s-curve, log, colour
<b>Scan angle</b>	60°
<b>Sampling</b>	2048 data points per line
<b>2x optical zoom</b>	Yes
<b>Report/image export format</b>	PDF, JPEG, PNG, GIF, TIFF, BITMAP
<b>Scans per frame</b>	256
<b>12 measuring callipers</b>	6 lines, 2 areas, 2 angles, 2 arrows
<b>Cine loop times</b>	Adjustable film looks that range from 2 to 17 seconds
<b>Measuring velocities</b>	Multiple measuring velocities for ACD/VCD
<b>DICOM</b>	DICOM ready
<b>Smooth Zoom technology</b>	2x full-image zoom without distortion of real-time or captures scan
<b>EMR</b>	EMR compatible
<b>Preset Gamma</b>	Linear full range (default setting), s-curve full range, log full range, colour
<b>B-Scan sequence</b>	Preset sequences and personalised
<b>TGC - time gain compensation</b>	Ability to adjust the signal gain segmentally as distance from the probe increases
<b>Video recording/sharing</b>	Easy to transfer video into an MP4 file for presentations



Accutome is a Keeler-owned brand, trusted by healthcare professionals globally. Accutome products are available from Keeler direct, or from selected distributor partners all around the world.



# Tailor your ultrasound examinations around your patients

Choose an ultrasound system that will meet your future needs



## 4Sight system

Effortlessly switch between functionality with 4Sight, our powerful all-in-one ultrasound system, to streamline your workflow.

Compatible with:



A-Scan



B-Scan



UBM



Pachymetry



## Keeler Connect software

Purchase A-Scan Plus, B-Scan Plus or UBM Plus individually, and use Keeler Connect software to turn your windows PC or laptop into a portable diagnostic ultrasound console.



A-Scan Plus



B-Scan Plus



UBM Plus



PachPen

For accurate corneal thickness measurements, while on the go.



## Accessories and spare parts

For a complete list of B-Scan related SKUs, please refer to our technical specification or Instructions manual (IFU) by visiting [www.keelerglobal.com/support-and-repairs/product-manuals-support](http://www.keelerglobal.com/support-and-repairs/product-manuals-support).

Or contact your local Keeler representative. Please visit [www.keelerglobal.com/distributors](http://www.keelerglobal.com/distributors).

B-Scan Plus probe	24-6100
B-Scan Plus probe (Vet)	24-6100-V
Mouse	6100-0200
Probe holder	6300-0070
Probe holder insert cups	6300-0075

Snap-on core	6100-0210
B-Scan case assembly	6100-0941
USB cable	24-6101
USB footswitch	6100-0080

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