

See Three Times  
the Information in  
Every Image



bk3000

### Ultra High Resolution Ultrasound System

- Dramatic 2D, Color and Doppler Performance
- Accelerated System Control
- Advanced Transducer Technology

# New TriCore Architecture

- Ultra High Resolution Imaging and Doppler
- Advanced Transducer Technology
- Accelerated System Control

## See Three Times More

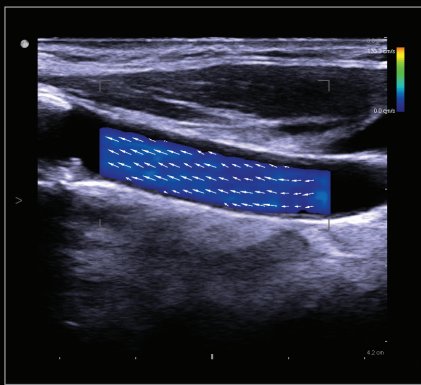
With the new bk3000 and its TriCore Architecture, you'll see three times the information in every image.\*

We've developed a new way to optimize ultrasound image formation using MultiChannel Synthesis to deliver **Ultra High Resolution Imaging and Doppler**. The technology fuses channel information at every position and depth to dramatically reduce noise and artifacts, while increasing detail and contrast resolution.

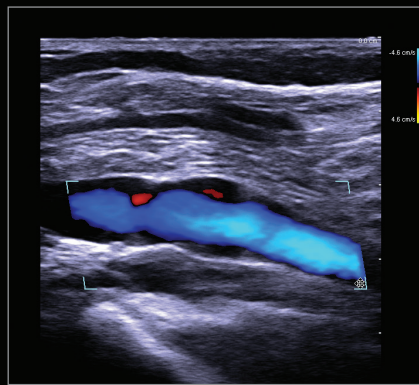
\* Compared with conventional systems

Doppler spatial and temporal resolution advances define hemodynamics in small vessels. With the bk3000 you will routinely see anatomy and micro-vascularization not seen with conventional ultrasound.

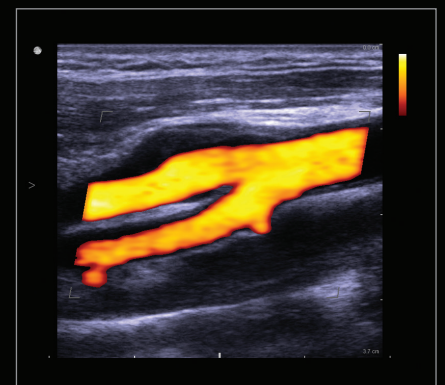
Visualize subtle tissue contrast; more information at depth, and see exceptional detail in moving structures with increased frame rates.



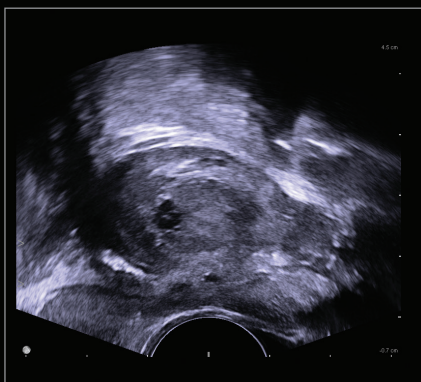
*Vector Flow Imaging of a common carotid artery*



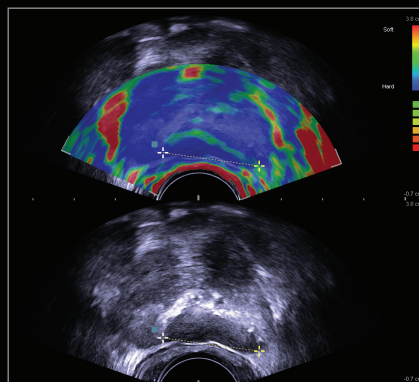
*Spontaneous Flow through the valves of a popliteal vein*



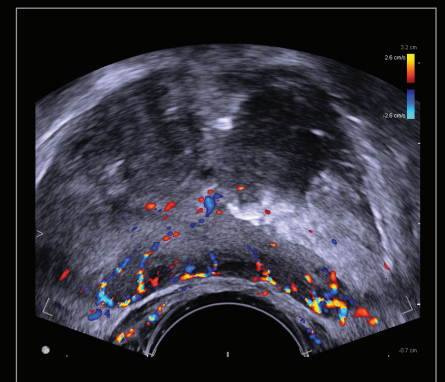
*Power Doppler imaging outlining a soft plaque at the carotid bulb and ICA*



*Sagittal plane of an enlarged prostate gland*



*Elastography of a lesion in the peripheral zone of a prostate gland in the transverse plane*



*Color Doppler imaging of a prostate gland in the transverse plane*

# Ultra High Resolution Ultrasound System

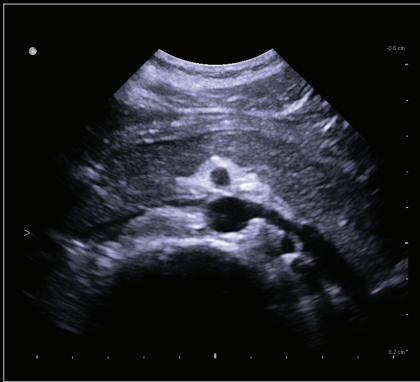
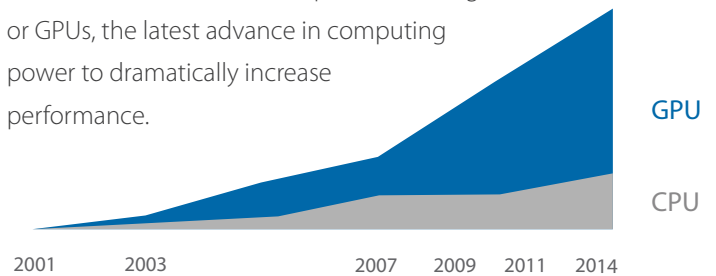
Developed by Analogic scientists, the bk3000 is a powerful system that delivers exceptional speed and performance.

## Work Faster and Smarter

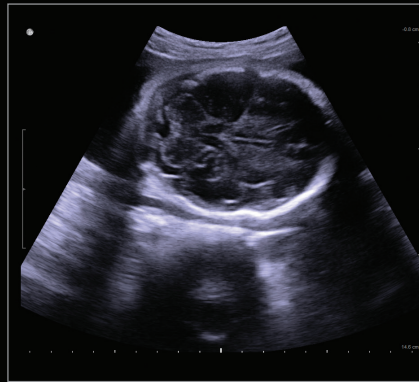
Adopting the gaming industry's best streaming graphics processing and architecture, the bk3000 is powerful and power efficient. The result is **Accelerated System Control** so you see more, faster. Triplex imaging is more responsive than ever, displaying 2D, color and spectral Doppler at unsurpassed frame rates.

### Dramatic Changes in Computing Power

TriCore Architecture uses Graphic Processing Units, or GPUs, the latest advance in computing power to dramatically increase performance.



*Pancreas: head, neck, body and tail*



*30 week fetal brain anatomy, including the cerebellum*

## Exceptional System Design

Unparalleled performance in a sleek system that is designed for easy mobility in tight spaces, the bk3000 has five wheels for superb stability and small footprint.

The system is completely adjustable to suit the preferences of clinicians, whether standing or sitting. Its monitor swivels and allows multiple adjustments for individual preferences.

The bk3000's intuitive user interface is designed for easy control with all major mode controls easily accessible. The keyboard is sealed, making it very easy to clean.



## Acquire Images Instantly

Analogic's bk3000 features a comprehensive range of specialty transducers for general imaging and urology, including the industry's only Triplane transducer.

Our transducers have a unique Smart™ button that lets you activate it and select, freeze, print and store images with a simple press. It reduces time to change transducers and perform essential imaging functions quickly.

New Twin Cam Pinless Zero Insertion Force (ZIF) connectors reduce noise and are designed to be connected and removed with one hand, with a simple locking mechanism on the system. Up to four transducers can be connected on the bk3000.

Our **advanced transducer technology** offers superior access across a wide range of patient body types.

Prostate Triplane <b>E14C4t</b>	Endfire Curved <b>E14C4</b>	Endocavity Biplane <b>E14CL4b</b>	Small Curved <b>6C2s</b>	Curved <b>6C2</b>	Curved <b>N13C5</b>
					
Wide linear <b>13L4w</b>	Linear <b>14L3</b>	High Frequency Linear <b>18L5</b>	Wide Linear <b>10L2w</b>	Small Footprint Cardiac <b>5P1</b>	Endovaginal <b>E10C4</b>
					

1. Elastography is not market cleared by FDA or licensed by Health Canada
2. bk3000 is not licensed by Health Canada
3. Transducers are not licensed by Health Canada

## Innovative Solutions for Life

Analogic Corporation creates innovative technology to improve the health and enhance the safety of people around the world. We are committed to providing ultrasound solutions under the BK and Sonix brand names that advance medicine and save lives.

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