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# VINNO G80

Premium color Ultrasound System



The revolutionary and premium performance VINNO G80 provides fast and easy diagnosis with:

- ◆ Ultra-premium contrast and resolution imaging from the first RF platform in the world
- ◆ Wide range of features, functions and probes
- ◆ Easy-to-use ergonomic design

**VINNO**  
VISION IN INNOVATION

## Ginkgo

Ginkgo (*Ginkgo biloba*) is one of the oldest living tree species in the world and its leaves are among the most extensively studied medicinal herbs in use today.

## Ginkgo as a symbol of VINNO's company philosophy

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Ginkgo is native to China but is now used across the world for medicinal purposes. VINNO has adopted ginkgo as its company symbol to represent its goal to establish a world-class medical brand, rooted in China, but for a global market. VINNO strives for continuous innovation in order to provide superior tools for healthcare.

VINNO's revolutionary RF ultrasound platform allows the entire signal to be computed, with no loss of data. This offers great improvements in image and contrast resolution compared to conventional ultrasound systems.

VINNO's unique Xcen ultra-high frequency technology provides improved resolution, facilitating better diagnosis of early lesions.

The pure wave single crystal transducer and advanced patented technology ensure improved image quality and an excellent user experience.





## Innovative RF platform: a world first

VINNO' s unique RF platform, the first of its kind, removes the need for the hardware pre-processing and demodulation of traditional ultrasound platforms. The whole signal is used for image-processing, which allows up to 40 times more data to be retained in comparison with conventional ultrasound. This means that more accurate data is available to the clinician for post-processing and ensures superior image quality in terms of resolution and contrast. The platform also has a wide frequency range which can support probes from 1-25MHz.

### »VTissue Tissue signature image

VTissue automatically compensates for variations in the speed of sound between different tissues to enhance imaging throughout the body.

### »Excellent 3D/4D Capabilities

The RF platform provides accurate volumetric image-processing alongside world-class convex and endocavity probes. This allows a high quality image for obstetric and gynaecological applications.

### »Spatio-Temporal Image Correlation (STIC)

The three-dimensional real-time display allows the user to visualize the internal structure of the fetal heart.

### »CBI(Contrast Bubble Imaging)

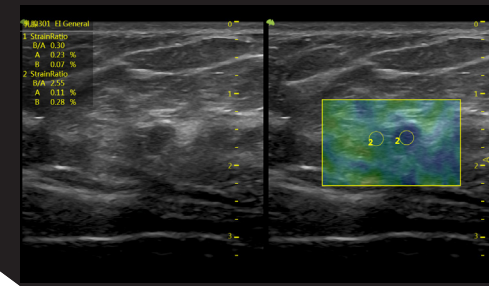
CBI can be used with contrast agents to image enhanced flow-rates within tissues for improved diagnostic purposes.

### »Elastography

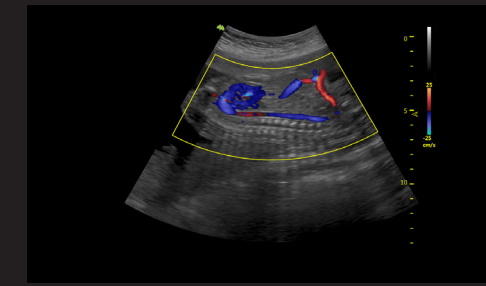
Elastography is a simple, non-invasive technique that allows the user to evaluate tissue stiffness and the strain rate of potential lesions for diagnostic purposes.

### »Easy Compare

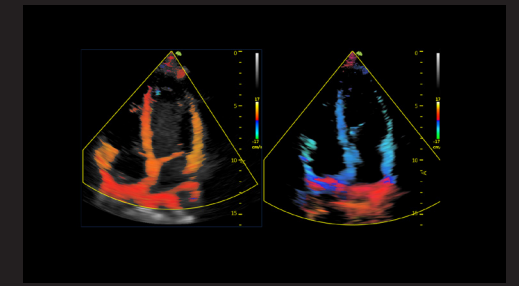
Clinicians are able to compare a live image and an archive image side-by-side on a single screen, for improved diagnostic capabilities.



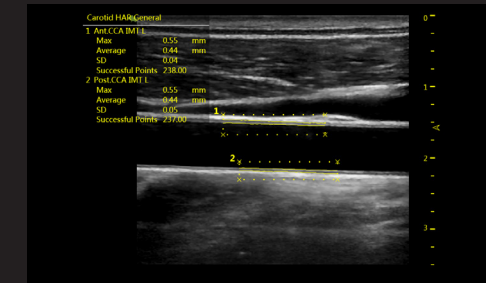
Elastography



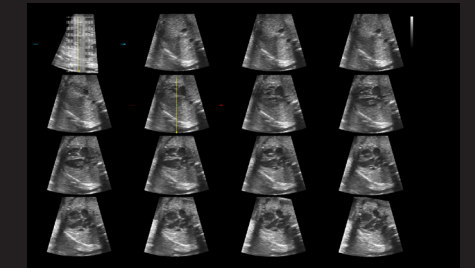
Single crystal pure wave probe showing fetal blood flow



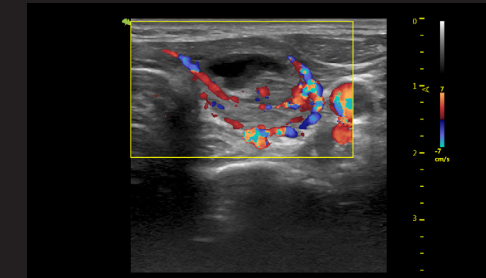
TVI (Tissue Velocity Imaging)



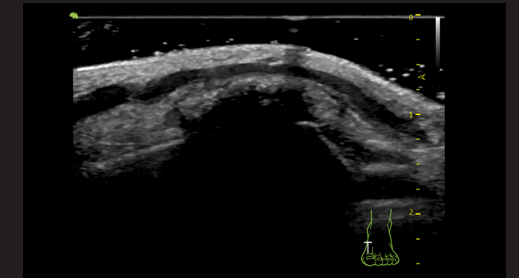
IMT (Intima-Media Thickness)



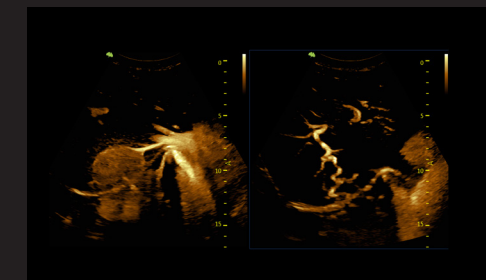
STIC (Spatio-Temporal Image Correlation) of a fetal heart



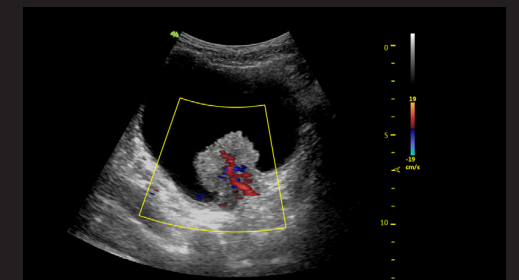
Xcen technology showing organized blood flow in a lesion within the thyroid



Ultra high frequency probe showing gout in the metatarsophalangeal joint



CBI (Contrast Bubble Imaging)



Blood flow shown in a lesion within the bladder





## Smart Touch Panel

Smart 3D/4D Touch Panel  
Rotate to any angle and zoom

