# HITACHI
## Inspire the Next

## TRANSDUCERS

**Convex**

CA2-8AD-H

CF4-9-H

**Linear**

LA3-16AD-H

**Sector**

PN2-4-H

**3D/4D**

VN4-8-H

V5-9-H

**Endocavity**

EVN4-9-H

# FUTUS
## S M A R T   C O M P A C T

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• Specifications and appearance may be subject to change for improvement without notice.
• For proper use of the system, be sure to read the operating manual prior to placing it into service.

# FUTUS

## Smart Compact

## SIMPLE WORKFLOW

Ease-of-use design features streamline the daily workload.

## CLEAR IMAGE

High resolution imaging enables accurate diagnoses and reduced exam times.
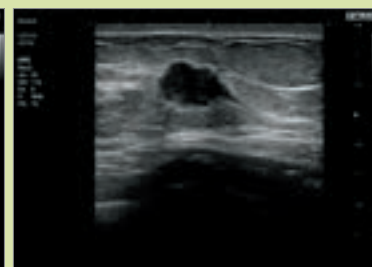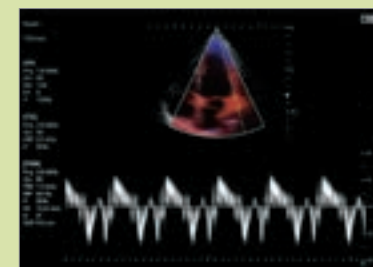
## ENHANCED APPLICATIONS

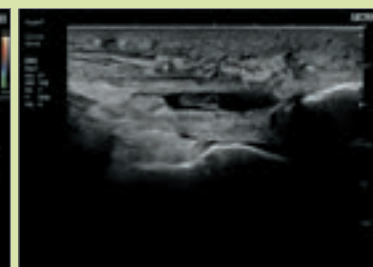Compact housing supports a broad variety of applications.
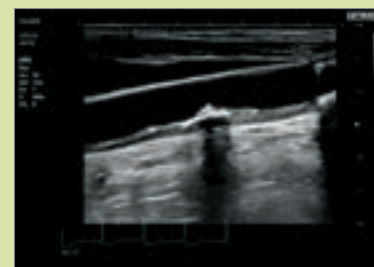
Carotid Artery

Breast

Heart with Tissue Doppler Wave

Rheumatoid Arthritis

Fetus (first trimester)

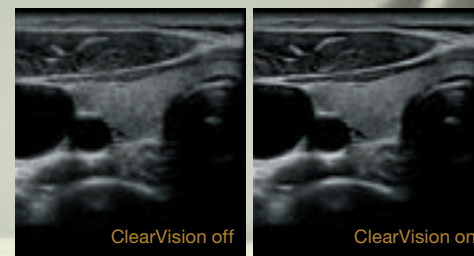Middle Cerebral Artery with Colour Flow

# CLEAR IMAGE

## High resolution imaging enables accurate diagnoses and reduced exam times.

### ClearVision

An image filter that simultaneously enhances contrast resolution and improves border delineation by suppressing noise, providing application specific optimization.

ClearVision off    ClearVision on
Thyroid

### MultiVision

By compounding data from multiple steered beams, contrast resolution is improved with reduced speckle noise, resulting in remarkable image quality enhancement.
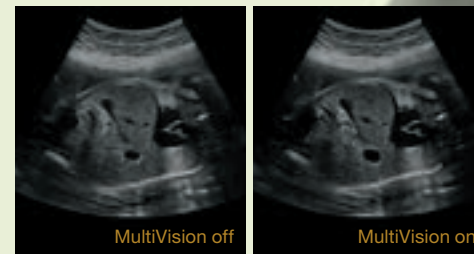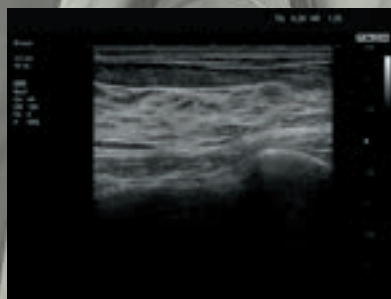
MultiVision off    MultiVision on
Fetal Abdomen

### S-Harmonic

Reduces noise and provides image clarity and homogeneity from near to far field. Use in combination with ClearVision and MultiVision for significant further image quality improvement.
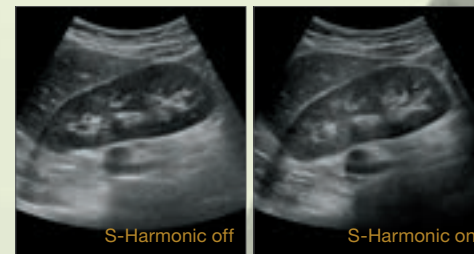
S-Harmonic off    S-Harmonic on
Kidney

Breast          Heart          Gestational Sac

# SIMPLE WORKFLOW

## Ease-of-use design features streamline the daily workload.

### Monitor Arm

The fully articulating arm with a wide range of movement is easy to adjust for optimum monitor positioning.

### Height-adjustable operating console

The operating console can be easily adjusted to your preferred height, thanks to its smooth pneumatic up/down movement.

### Silent Operation

Will not disturb the quiet examination environment because the device is virtually silent whilst running.

### Optional Peripherals*

Gel Warmer          Rear Tray          Endocavity Transducer Holder          Printer Cover

Main Monitor and Touch Panel

**21.5** inch
LCD Monitor
(LED backlight unit)

**10.1** inch
Touch Panel

04          05          *Option
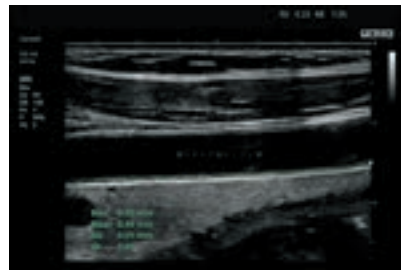
# ENHANCED APPLICATIONS

## Compact housing
supports a broad variety of applications.

## Advanced functions
for obstetrics and gynecology.

### Auto IMT+*

Measures carotid intima-media thickness of the posterior or anterior walls with a single keystroke, thereby reducing user dependency and improving measurement reproducibility.
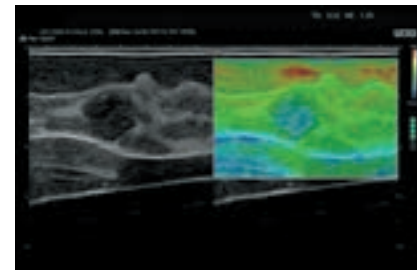

Carotid Artery

### Strain+*

Performs analysis of left ventricular (LV) function and regional wall motion. The Bull's Eye is displayed in addition to the standard sections for easy assessment of LV function.
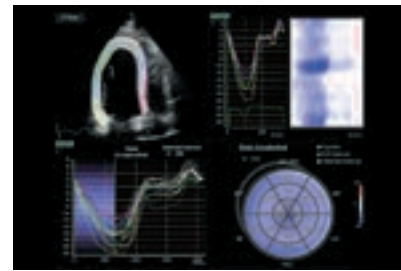

Cardiac Function Analysis

### ElastoScan*

A function available with linear and endocavity probes that uses a color map to display the different stiffness of tissues.


Breast Phantom

### 5D NT*(Nuchal translucency)

Automatically selects the precise sagittal plane required for NT measurement from an acquired volume data set.


Fetus (early pregnancy)

### Realistic Vue*

A rendering that uses shading from a virtual light source to give a more realistic perception of texture to the 3D surface anatomy. Detailed observation is achieved by movement of the light source.


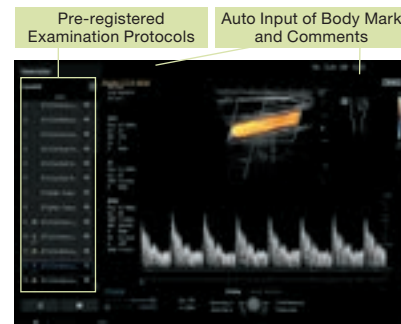Fetus (second trimester)

### Ez-Compare*

An image stored from a previous examination can be presented in a side-by-side display with the current image obtained using the same imaging parameters. Can be useful in follow-up examinations and for comparison before and after treatment.
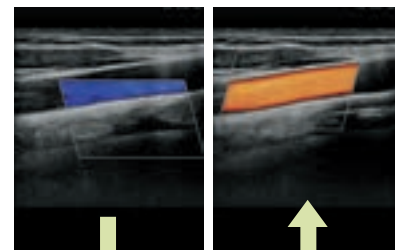

Previous Image    Current Image

### EZ-Exam+*

Pre-defined application protocols can be registered and multiple operations simplified so that examinations are carried out efficiently.


Pre-registered Examination Protocols    Auto Input of Body Mark and Comments
Auto Switching between Modes (B, Colour, Doppler)

### QuickScan

Performs automatic adjustment of gain in 2D and Doppler mode. Additionally, ROI position, sample volume placement, and baseline can be optimized, with a resultant improvement in workflow.



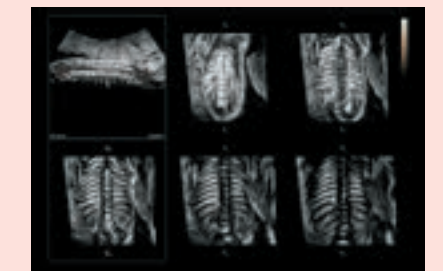### XI STIC*(Spatio-Temporal Image Correlation)

Constructs a movie of one heartbeat from the acquired volume data set. Any arbitrary cross section can be displayed and it is useful to grasp the stereoscopic view of the fetal heart.


Fetal Heart

### 3D XI*

It is possible to observe volume data from various view points by using three image processing applications: Multi-Slice View, Oblique View, XI VOCAL.


Fetal Spine

*Option