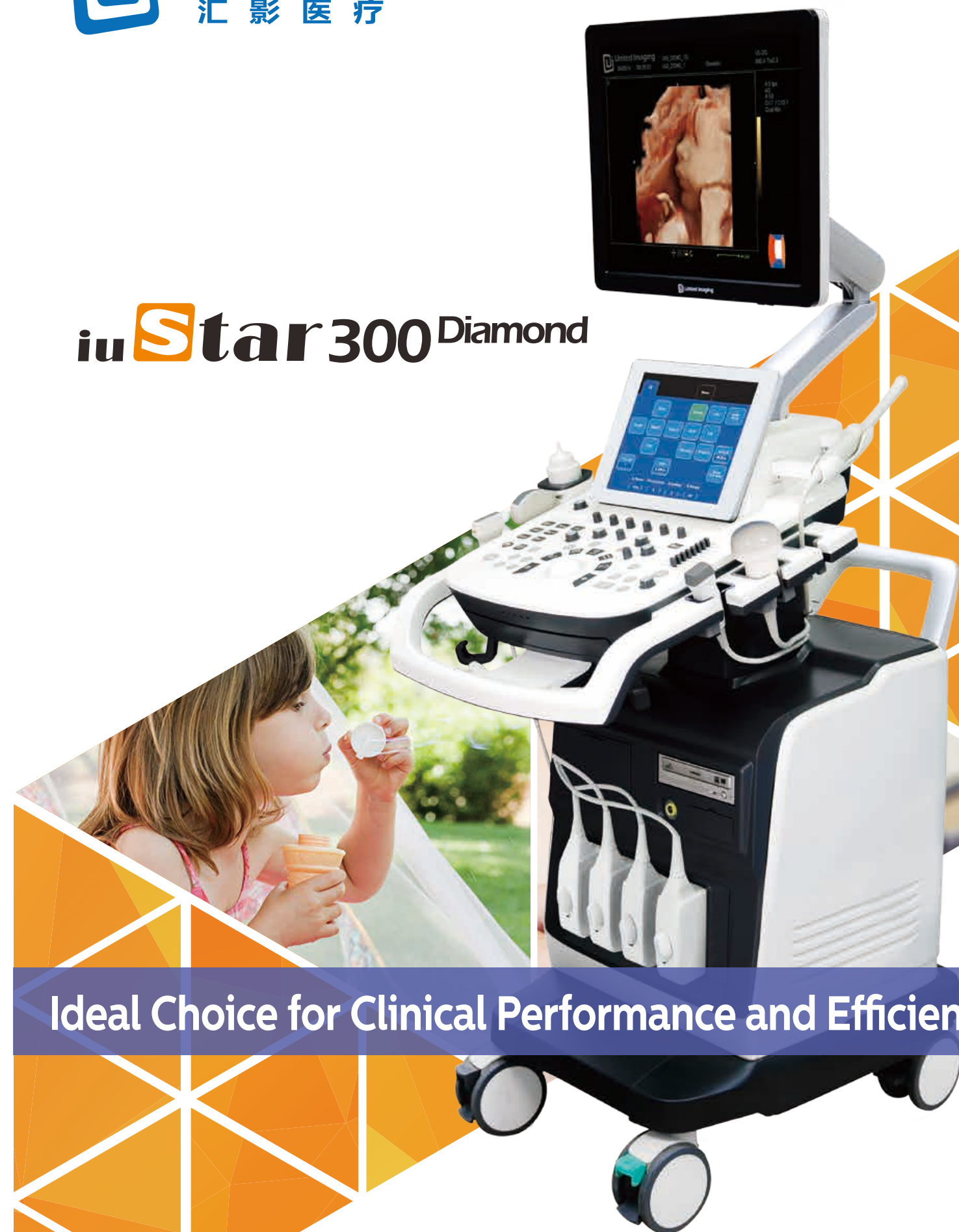


# iuStar300Diamond



Ideal Choice for Clinical Performance and Efficiency



Distributor





## Rest assured with quality assure you can depend on

The iuStar300<sup>Diamond</sup> is a middle-high end ultrasound system to meet your imaging needs of Women's healthcare, Radiology and Cardiology with powerful performance, streamlined workflow and confident diagnosis. Equipped advanced hybrid beam forming technology, as well as a selection of innovative image processing tools, the iuSta300<sup>Diamond</sup> delivers extraordinary clinical performance and efficiency.

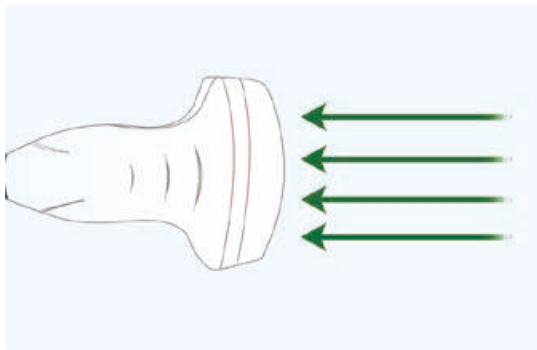




# Performance supported by the most advanced technologies

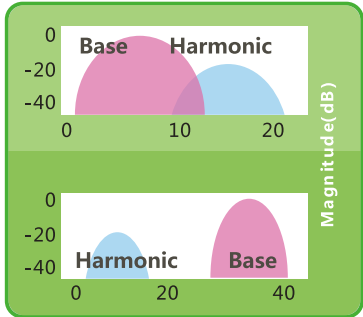
## Hybrid Beam Forming

The innovative hybrid beamforming technology is comprised of both advanced hardware and software, allowing for intricate digital programming, which better defines the shape of the ultrasound pulse. It provides more precise transmission and reception of the ultrasound signal, resulting in exceptional image clarity.



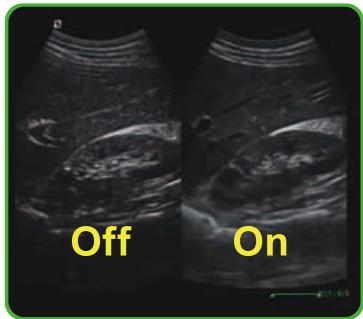
## Powerful System Base

The iuStar300<sup>Diamond</sup> is built on the latest Windows 8.1 OS operating system with Powerful Processor Intel I5 3470



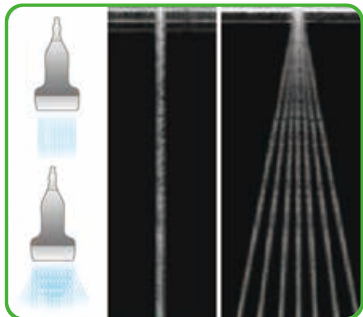
## Pulse InversionTHI

Utilizing pulse inversion technologies to enhance high-resolution harmonic signals,iuStar300<sup>Diamond</sup> provides increasedcontrastandaxial resolution,clearer boundaries and better visualization of structures.



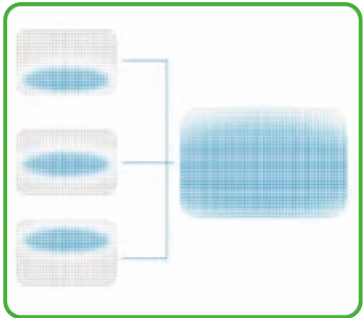
## UniView™(Adaptive Speckle Reduction)

Through sophisticated digital filtering algorithms, Univew™ improves the contrast resolution as well as overall clarity with no perceptible loss of frame rate or detail resolution.



## UniCT™(Spatial Compound Imaging)

UniCT™ can combine up to 7 lines of sight to create one image with better clarity of curvedandirregular borders.



## UniFCI™(Frequency Compounding Imaging)

UniFCI™ is designed for imaging by using the entire frequency territory supported by the probe, no matter how the TX frequency is designated.The frequency range can be broadened for better penetration and resolution.



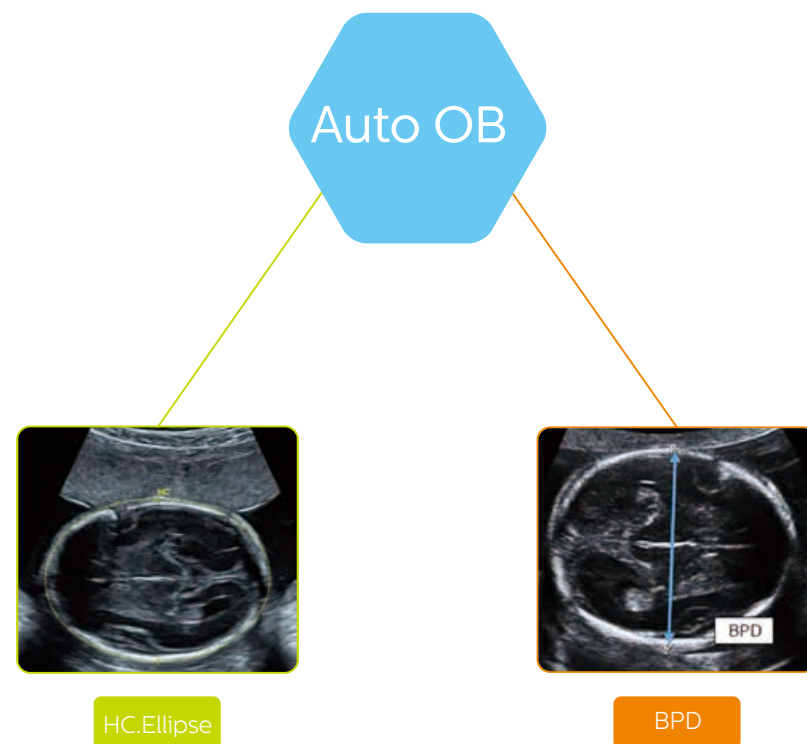


Women's  
Healthcare  
Clearly  
Defined



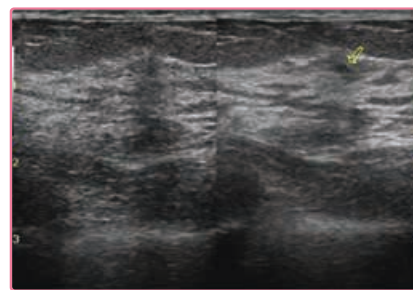
## Auto OB

Auto OB can enhance clinical workflow through reducing keystrokes to perform biometry measurements.



## Advanced Breast Screening Kit

Combining BI-RADS Breast Imaging Structured Report powered by American College of Radiology (ACR), and High Density 256 Elements High Resolution Wide linear array transducer, the iuStar300<sup>Diamond</sup> offers a leading edge solution for breast disease screening.



## UniLive™ HD

UniLive HD is an extraordinary new way to capture amazingly realistic images for fetus, which allows to display high resolution images with exceptional details and realistic depth perception in real time. It comes with multiple excited powerful 4D imaging modes for clinical benefits.

*Get to know your baby from*  
**THE BEGINNING OF LIFE**

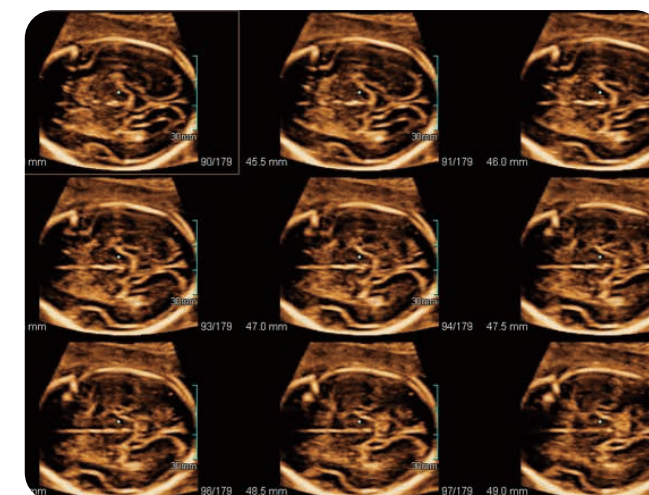
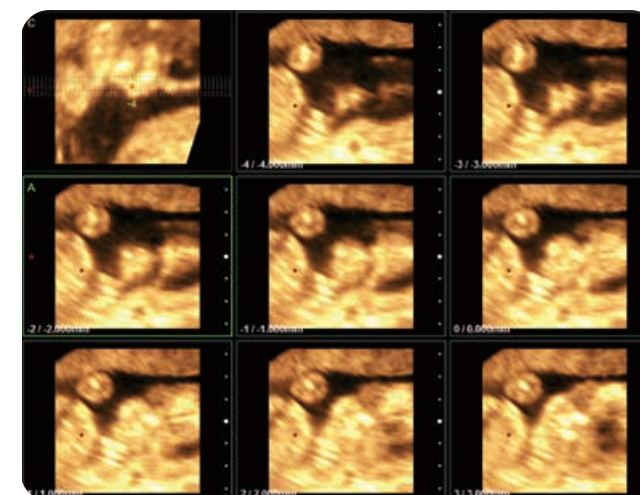


UniLive™ HD  
Real-Time UniSkin™



## MultiSlice Mode

if a doctor wants to scan a 3D/4D imaging focusing on specific fetal organ, in MultiSlice Mode, the doctor can observe it thoroughly in tomographic view.





# Radiology Clearly Defined

## AUTO IMT

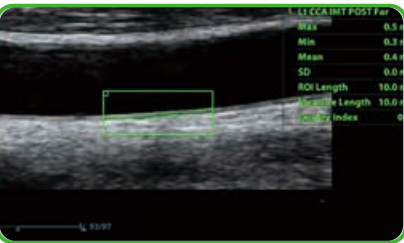
Automated measurement of the Intima Media Thickness of the carotid artery wall is a widely used function, which provides instant Mean, Max, Standard Deviation and Quality Index only by one touch of a single button.

## UniTutor

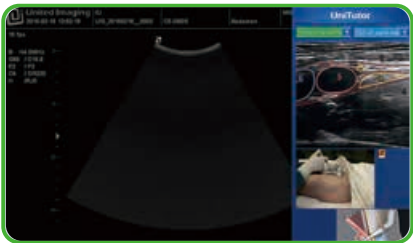
UniTutor is an useful guidance tool showing both the tissue anatomically and name indicator in real time for those inexperienced ultrasound operators to locate the right position for scanning .

## UniNeedle

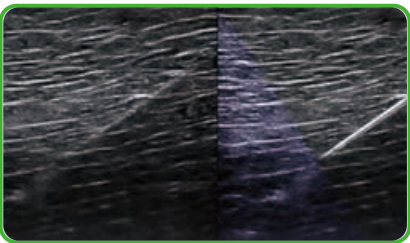
UniNeedle is a needle visualization enhancement technology to increase the needle display during needle placement.



Auto IMT



UniTutor



UniNeedle



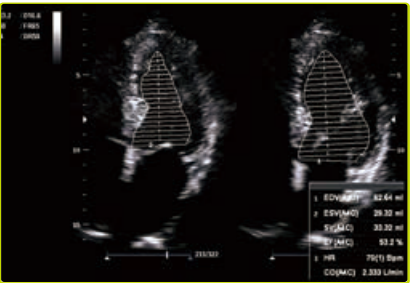
## Chip-Based CW Doppler

The innovative Chip-Based CW Doppler is built standardly inside each of the delivered machine, there is no extra cost and no need to install extra hardware.



## Advanced Cardiac Package

Backgrounded with Chip-Based CW Doppler, the iuStar300<sup>Diamond</sup> provides good quality cardiac performance by combining advanced tools including Anatomical M Mode, Auto LV and etc.







Featuring a wide array of ergonomic tools, iuStar300<sup>Diamond</sup> is designed to speed your workflow and simplify your daily practices in today's fast paced clinical environment.

### 11 inch Color Touch Screen

To provide direct accessibility to all main functions at your fingertips

### PSI (Patient Specific Imaging)

A great workflow enables the iuStar300<sup>Diamond</sup> to switch all exams under the same probe just by one click.

### Full Screen Display

It allows your ultrasound images to be displayed full-sized into your entire screen under both real time and frozen mode, while maintaining high image fidelity .

### Menu Express

So that the items you use most often are never more than one layer deep

### Thumbnail Image Display

Provides easy access to stored images for review, printing and transfer

### Full DICOM Capabilities

To enhance patient throughput and information exchange

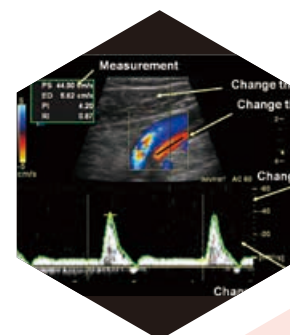
### iuScan Image Optimization

A quick, one-button function that automatically adjusts multiple parameters in 2D, color and Doppler modes

### Scale & Angle Express

A quick tool to find the right scale and angle in Color and Doppler Modes

Streamlined  
Workflow  
Optimize  
Your  
Clinical  
Efficiency



### Raw Data and Post processing

Enables optimum flexibility for post processing of the stored images including parameter adjustments, adding comments and measurements

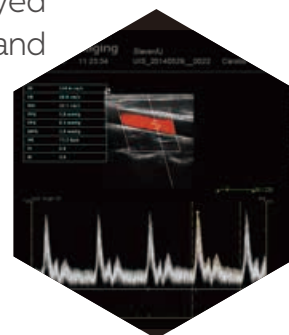


### Auto NT

(Nuchal Translucency) provides semi-automatic, standardized measurements of the nuchal and intracranial translucency which is often used as a screening test for Down's syndrome.

### Auto Calculation

real-time Doppler quantification and roll-back review by heart cycle



### Intelligent Measurement Display

ensure to pick up the target measure items quick and accurate through a simple touch



### iCentre

an easy navigation of the integrated workstation allows you to store, recall and manage patient data with speed and efficiency



### Comprehensive customization settings

from the user name, log in to the user-defined exam, key and ob table & formula



# Designed for your convenience



## Gel Warmer

The dedicated Gel warmer ensures the gel be always with a comfortable temperature.



## 19-inch HD Monitor

The iuStar300<sup>Diamond</sup> features a 19" full HD LED display, delivering excellent contrast resolution, image clarity and vibrant color in any lighting condition.



## Wheels Locks

The wheels combine 3 movement lock and 1 direction lock, which provide better control and stabilization for your daily use and transportation.



## Endocavity Transducer Holder

The iuStar300<sup>Diamond</sup> features a dedicated endocavity transducer holder at right side of the console for discrete storage when transducer is not in use.



## 11-inch Touch Screen

The iuStar300<sup>Diamond</sup> 11-inch touch screen is highly sensitive, allowing for an efficient interaction during the examination.



## Height-Adjustable Control Panel

The height adjustable control panel features a simplified console design, providing intuitive interaction for a variety of ultrasound examinations.



## Wireless Bluetooth Keyboard

The iuStar300<sup>Diamond</sup> equips with a sensitive wireless Bluetooth keyboard to enable operators can go as far away as they need to.



# Comprehensive Collection of Transducers



**C6-1 R60D**  
Convex Probe  
Abdomen, Obstetrics, Gynecology



**EV10-3 R11D**  
Endocavity Probe  
Obstetrics, Gynecology, Urology



**V6-2D**  
Volumetric Convex Probe  
Abdomen, Obstetrics, Gynecology



**L14-6D**  
25mm Linear Probe  
Small Parts, Vascular, Musculoskeletal



**L18-4D**  
38mm Linear Probe  
Small Parts, Vascular, Musculoskeletal



**L18-6HD**  
50mm Linear Probe  
Small Parts, Vascular, Musculoskeletal



**MC9-3 R14D**  
Micro-convex Probe  
Pediatric, Vascular



**P7-3D**  
High Frequency Phase Array Probe  
Abdomen, Cardiac



**P4-1D**  
Phase Array Probe  
Abdomen, Cardiac

# Clinical Confidence From Outstanding Images

