

# Transducer Family

C5-1XQ	C5-2XQ	L12-4HQ	L17-7HQ
			
Curved Array	Curved Array	High Element Linear Array	High Frequency Linear Array
L30-8XQ	P5-1Q	C6-1MQ	C6-2MQ
			
High Frequency Linear Array	Phased Array	3D/4D Mechanical Curved Array	3D/4D Mechanical Curved Array
E10-3HQ	E10-3MQ	ECL12-3Q	P7-3MQ
			
Endocavity Curved Array( 200°)	3D/4D Endocavity Curved Array	Endocavity Biplane	TEE Phased Array

# Empowering Definitive Diagnosis

## Acclarix™ LX85 Diagnostic Ultrasound System



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# Elegant Fusion of Specialty and Flexibility

When referring to performance, renovation and multiformity - there is one ultrasound system that delivers more. Developed specifically to address the challenges of complex ultrasound environments, the Acclarix LX85 Diagnostic Ultrasound System aims to provide precise diagnosis in versatile clinic application with uncompromising image quality, brilliant workflow and user-friendly operation.

- 21.5 inch high resolution LCD medical monitor
- 14 inch sensitive touch screen releasing efficient operation at fingertip
- Integrated user interface with 180° rotation and electronic height adjustment
- Extra-long continuous scanning time owing to two built-in batteries

# Distinctive Design

21.5 inch  
high resolution  
LED monitor

14 inch sensitive  
touch screen

20cm  
electric lifting

Backlit hidden  
keyboard



Flexible "Z" arm

180° rotatable  
control panel

5 activated  
transducer  
sockets



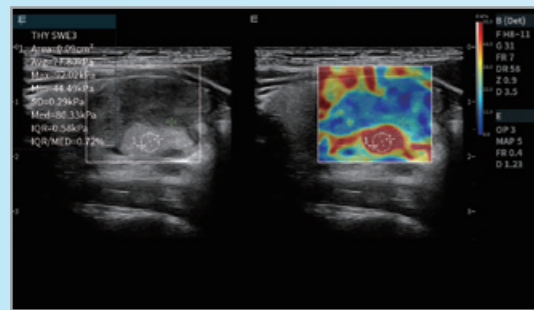
# Definitive Image Quality



Fetal 3D



Fetal Spine



Shear Wave Elastography



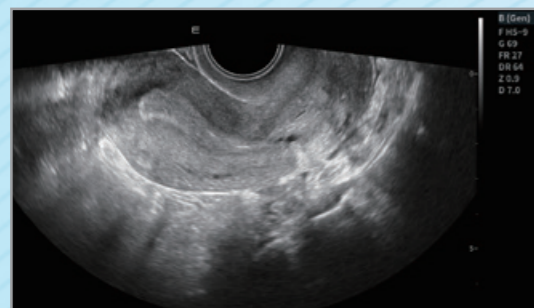
Kidney with MFI



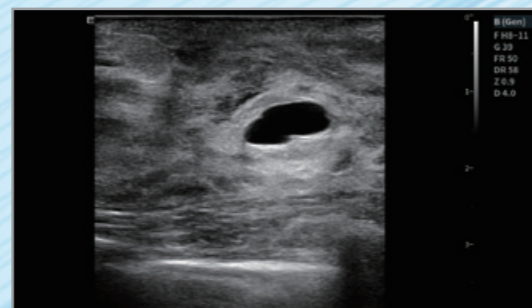
Liver



Long axis of the left ventricle



Uterus



Breast cyst

# SynSight

## Synthetic Focused Sonography Platform

EDAN SynSight Technology can utilize all of the information contained in the returning echo data set acquired in each large zone and, as such, can cover the field of view in fewer transmit/receive cycles.

The original raw echo information is retrospectively reprocessed multiple times in the channel domain processor to form optimal images.

## Energy efficiency improves 28x



Spatial Resolution



Imaging Resolution



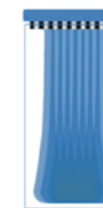
Contrast Resolution

## Dynamic Pixel Focusing

Consistent image quality across the entire field of view without frequent focal adjustments.



Traditional focusing



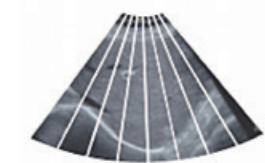
SynSight Zone focusing

## Advanced Acoustic Acquisition

Uses a reduced number of larger zones for transmission and reception, extracting more data at 10x the speed of traditional line-by-line beamforming.



Traditional imaging speed



SynSight Zone imaging speed

## Excellent Image Uniformity

Based on maximizing the storage of raw data, it delivers highly uniform ultrasound images while ensuring detail resolution and contrast resolution.



Traditional imaging platform



SynSight Zone imaging platform

# LinSync Smart Solution



The Acclarix LX85 features advanced artificial intelligent technologies , integrated with mighty hardware platform , delivers unexpected value and performance across a broad range of applications:

## Radiology

- eVol.flow
- Live VF
- eBladder
- eHRI



## OB & GYN

- eOB+
- eFollicle



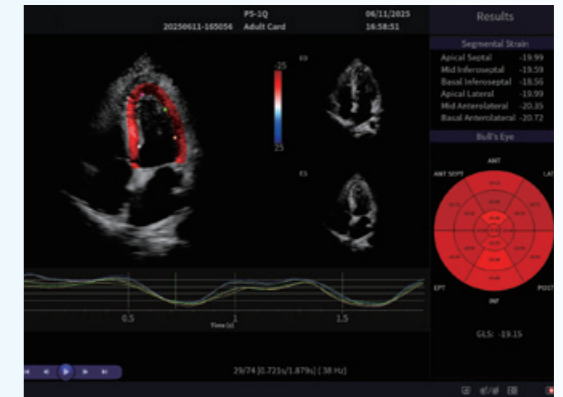
## Cardiology

- Auto EF
- Auto Strain
- Auto WMSI

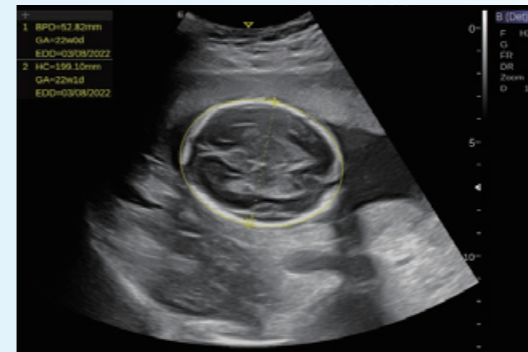
Link to your heart, Sync with your mind; EDAN LinSync serve you all around.



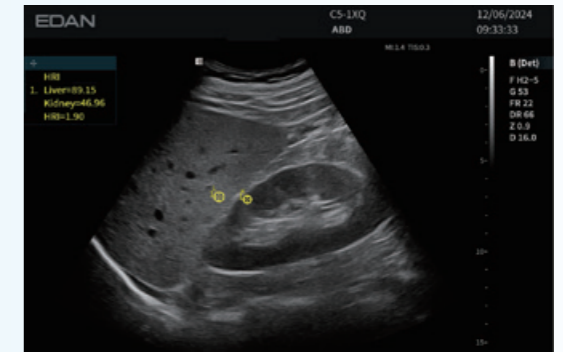
Auto EF



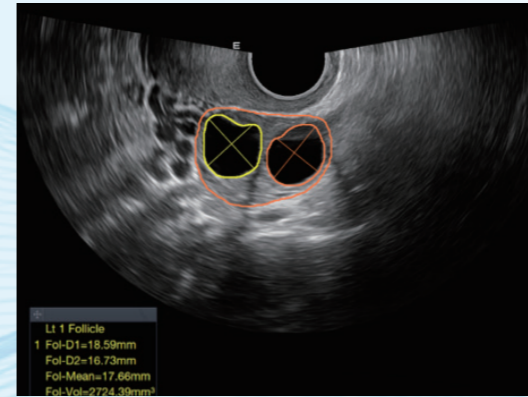
Auto Strain & WMSI



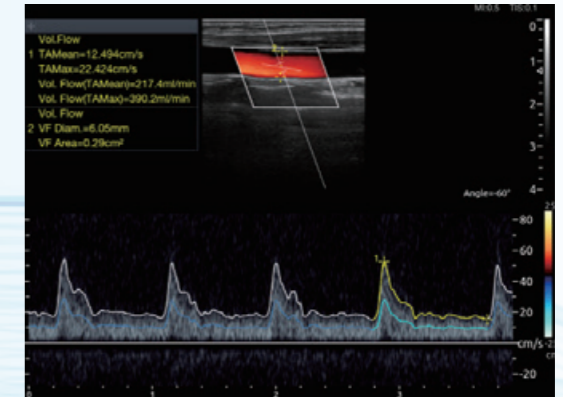
eOB+



eHRI



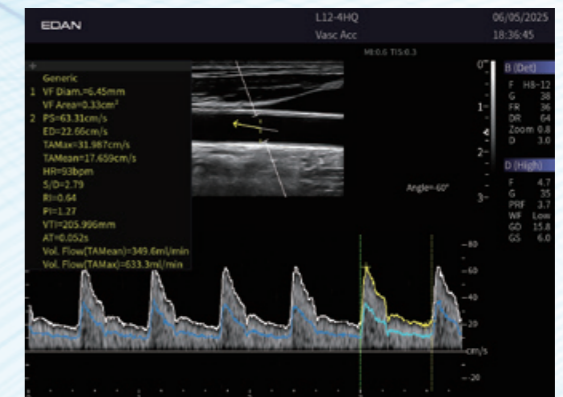
eFollicle



eVol.Flow



eBladder



Live VF