Transducer Family

C5-1XQ	C5-2XQ	L12-4HQ	L12-5WQ
			
Curved Array	Curved Array	High Element Linear Array	High Element Linear Array

L17-7HQ	L30-8XQ	P5-1Q	SP5-1Q
			
High Frequency Linear Array	High Frequency Linear Array	Phased Array	Single Crystal Phased Array

C6-1MQ	C6-2MQ	E10-3HQ	E10-3MQ
			
3D/4D Mechanical Curved Array	3D/4D Mechanical Curved Array	Endocavity Curved Array(200°)	3D/4D Endocavity Curved Array

ECL12-3Q	P7-3MQ
	
Endocavity Biplane	TEE Phased Array

EDAN
A world of potential

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ENG-US-LX85-V1.1
20250925

Empowering Definitive Diagnosis

Acclarix™ LX85

Diagnostic Ultrasound System



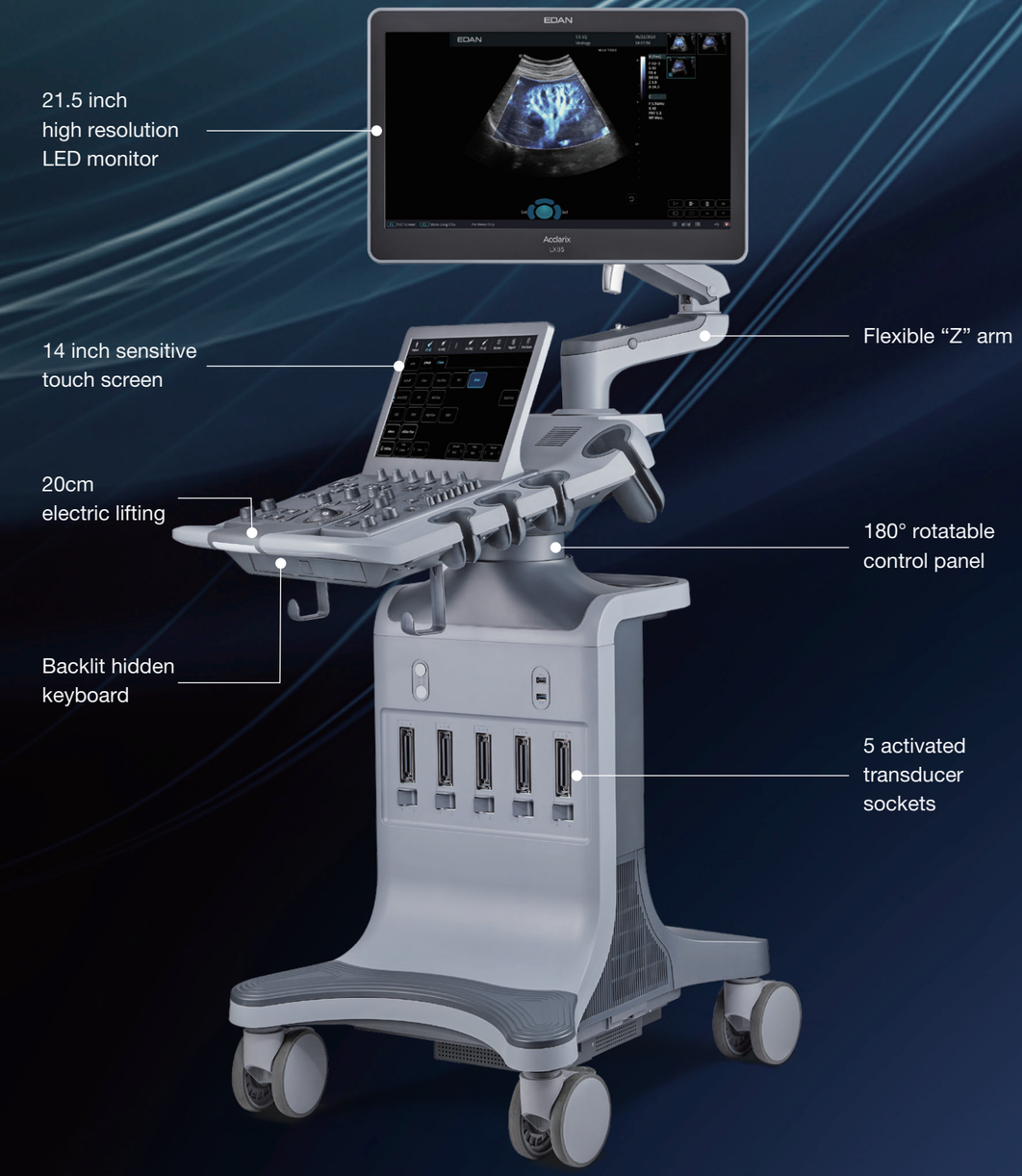
EDAN

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



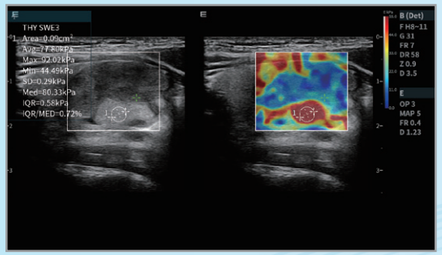
Definitive Image Quality



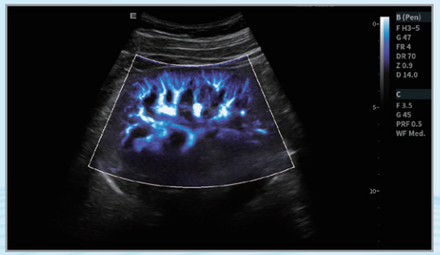
Fetal 3D



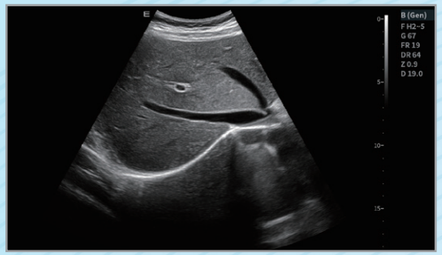
Fetal Spine



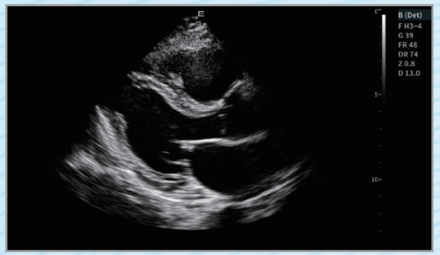
Shear Wave Elastography



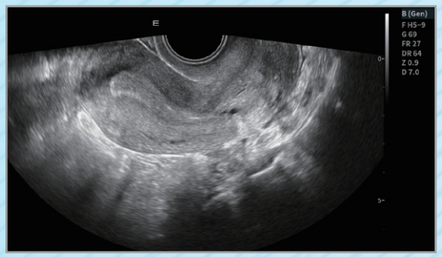
Kidney with MFI



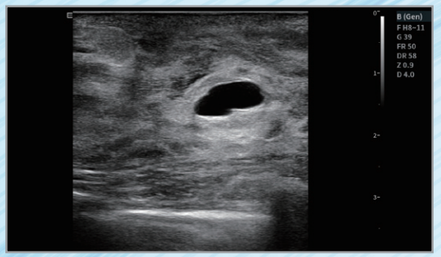
Liver



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.

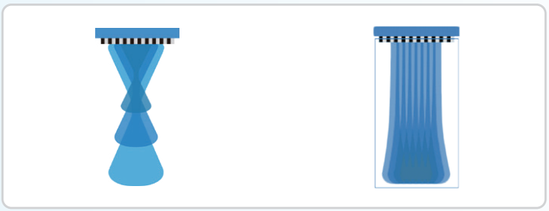
The original raw echo information is retrospectively reprocessed multiple times in the channel domain processor to form optimal images.

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.

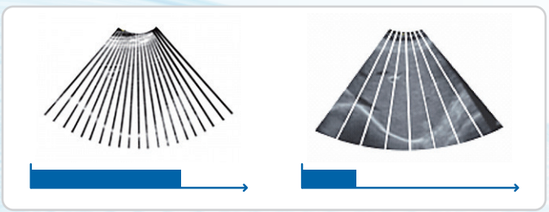


Traditional focusing

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.

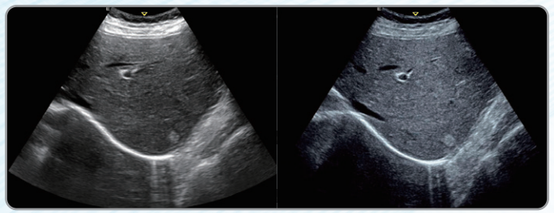


Traditional imaging speed

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.



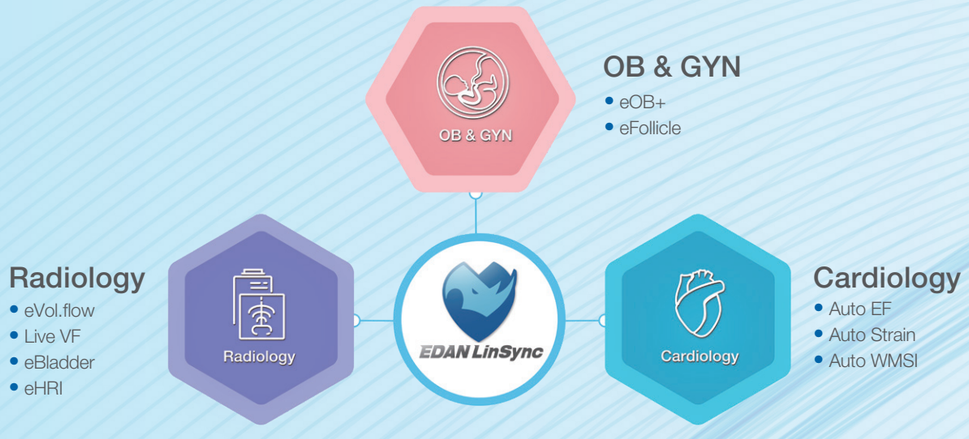
Traditional imaging platform

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:



OB & GYN
- eOB+
- eFollicle

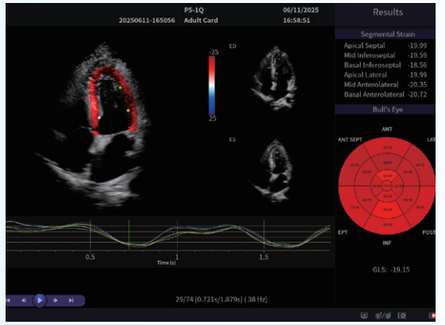
Radiology
- eVol.flow
- Live VF
- eBladder
- eHRI

Cardiology
- Auto EF
- Auto Strain
- Auto WMSI

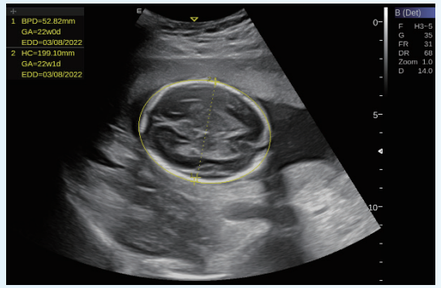
Link to your heart, Sync with your mind; EDAN LinSync serve you all around.



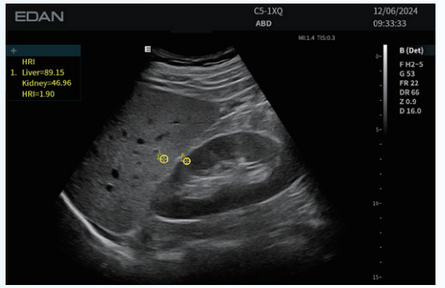
Auto EF



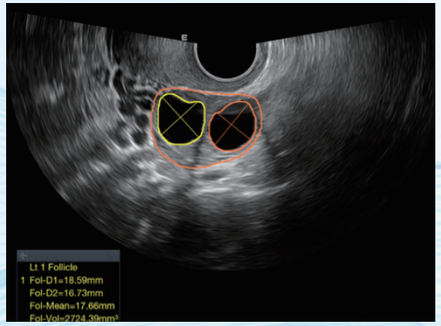
Auto Strain & WMSI



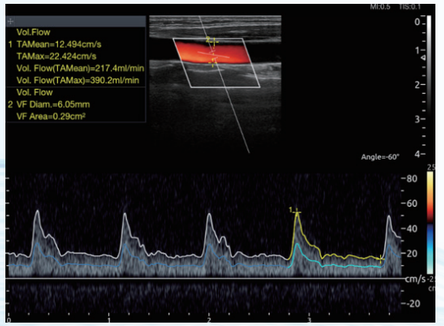
eOB+



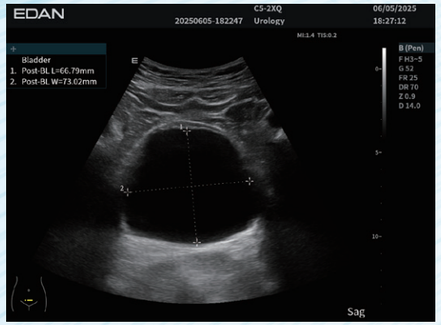
eHRI



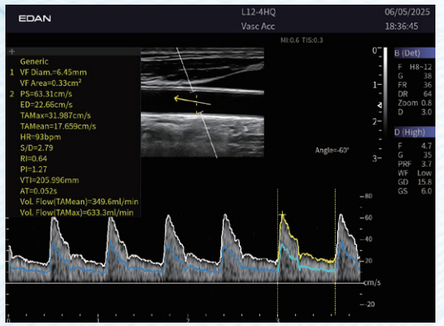
eFollicle



eVol.Flow



eBladder



Live VF