Excellent Imaging for Versatile Diagnostics

X-CUBE i8, equipped with innovative X⁺ FIT beamforming technology and its large capacity data processing, delivers high-resolution images for reliable diagnosis across various applications.
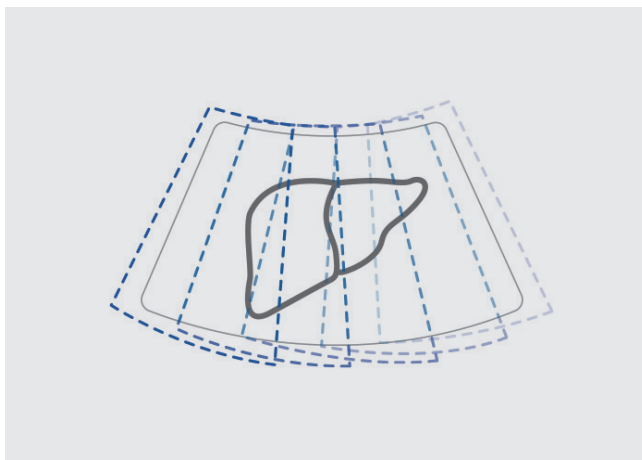
Experience best-in-class image quality with the X-CUBE i8.

X⁺ FIT

Utilizing sophisticated parallel beamforming technology, X⁺ FIT efficiently exchanges and processes a wealth of data, achieving excellent resolution through enhanced contrast and uniformity.

PTHI

PTHI employs advanced harmonic signal processing technique to minimize signal loss, and enhance signal bandwidth from the transducer. Improved resolution, contrast, and SNR, combined with minimized artifacts, ensure accurate lesion depiction without distortion.
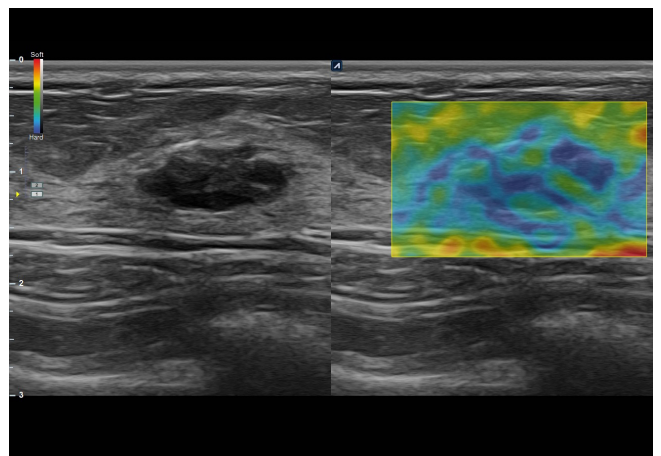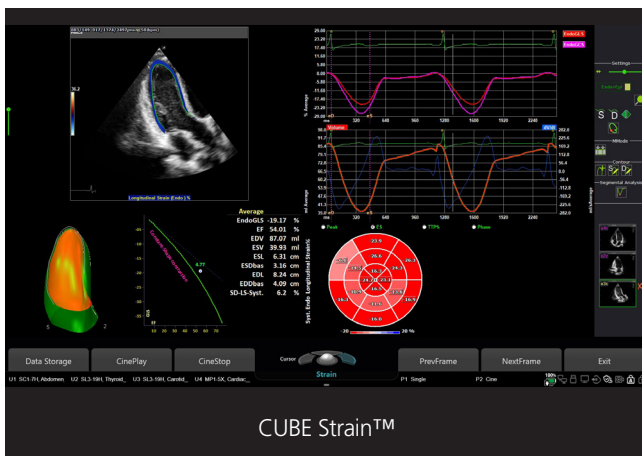

Advanced Features

AutoEF & CUBE Strain™

An automated measurement tool for assessing left ventricle contractile function. It automatically analyzes end diastolic volume (EDV), end-systolic volume (ESV), and ejection fraction (EF), enhancing diagnostic accuracy and efficiency with X-CUBE i8.

Elastography

Displays relative elasticity of tissues against external pressure. Indication bar is marked with the scale of one to six for enhancingcredibility of results.

CUBE Strain™

Enhance Flexibility and Adaptability

X-CUBE i8 frees you from the constraints of time and space, enabling you to focus more on your patients. Featuring a dual transducer connector and a long-lasting battery, it offers unmatched flexibility during examinations. Its intelligent options streamline examinations, incorporating a guide function to minimize the dependency on the operator in order to maximize efficiency.

Product Specification

- System Weight : About 6 kg (with 1 battery)
- Cart Weight: 22.5 kg

Keyboard Allows User Optimization

Additional Transducer Holder
- 2 transducer holders and 1 gel holder
- Cable management

Fast System Boot-up
- From sleep mode : 15 sec.
- From off mode : 90 sec.

4 Swivel Wheels
- Safety break locks

15.6inch LCD monitor

Dual Batteries
- 2 Built-in Battery (1 Option)
- Continuous scan : Max. 60 min.

Dual Transducers
- 2 Transducer connectors (1 Option)

Easy Adjustment of Height
- Height : 848 - 998 mm
- Smooth and silent gas lift cylinder

Carrying Bag

Transducers

Developed and Manufactured by ALPINION

* A biopsy kit is available

Convex

C1-6CT *

C-Architecture
(PowerView™) Convex

Fetal, Abdominal, Pediatric, Musculoskeletal(MSK), Peripheral vessel, Urology
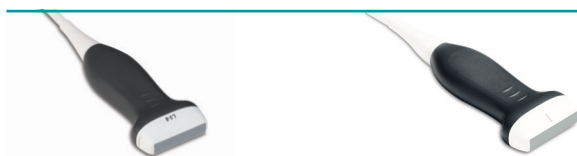
Phased Array

P1-5CT

C-Architecture
(PowerView™) Phased Array

Fetal, Abdominal, Pediatric, Adult cephalic, Cardiac, Peripheral vessel

Endocavity

EC(V)3-10T *

Endocavity

Fetal, Trans-rectal, Trans-vaginal, Peripheral vessel, Urology

Linear

L3-8H *

High Density Low
Frequency Linear

Breast, EM, Musculoskeletal(MSK), Vascular, Small Parts

L3-12T *

Linear

Abdominal, Pediatric, Small organ, Neonatal cephalic, Musculoskeletal(MSK), Peripheral vessel

Pencil

CW2.0

Pencil Typed

Cardiac

CW5.0

Pencil Typed

Cardiac

Essential solution accessible to all

XCUBE *i*8

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Some clinical images have been enlarged and edited to better show the pathological contetns.

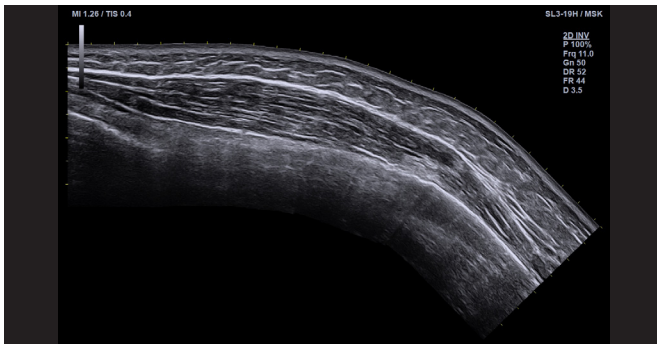MKS-XCi8-TS-PC-E2401-V1.0

Versatile Diagnostic Performance
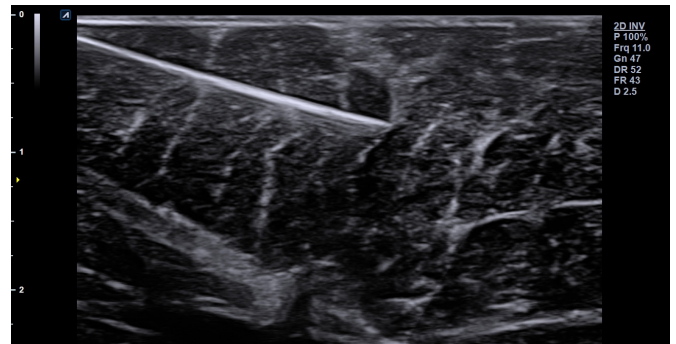
Musculoskeletal

Clinical benefit

- Needle visualization is crystal clear.
- Inversion harmonic imaging offers exceptional tissue differentiation.
- Live dual mode enables real-time image comparison on dual screens, simplifying pathology assessment.
- Fast 15-second wake-up from sleep mode.

Features

Panoramic
Panoramic Imaging provides an extremely wide, extended horizontal field of view.

Needle Vision™ Plus
Enhance needle visibility with a three-step beam angle adjustment.
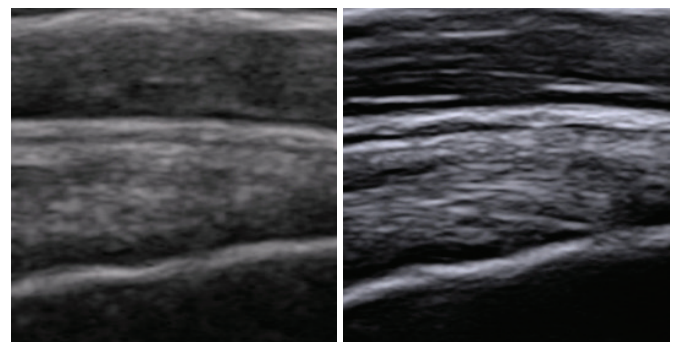
Primary Care

Clinical benefit

- Effortlessly obtain ejection fraction and strain results.
- Boost efficiency with the auto sequencing feature.
- High portability with superb imaging.
- Excellent flexibility with 2 transducer connectors and 2 batteries.

Features

DPDI
Directional Power Doppler Imaging detects slower blood flow in peripheral vessels.

Xpeed™
Simply press the Xpeed button for instant image optimization in 2D and spectral Doppler modes for various clinical cases.
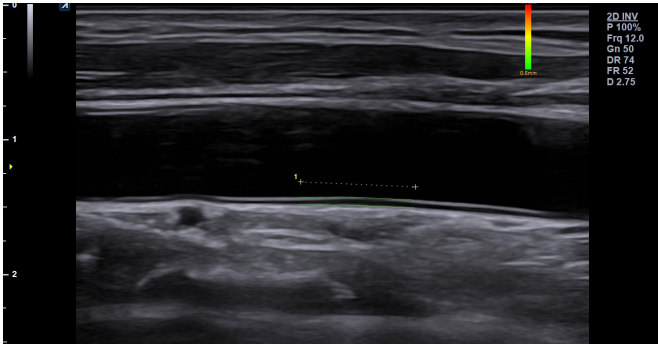
MSK

Vascular

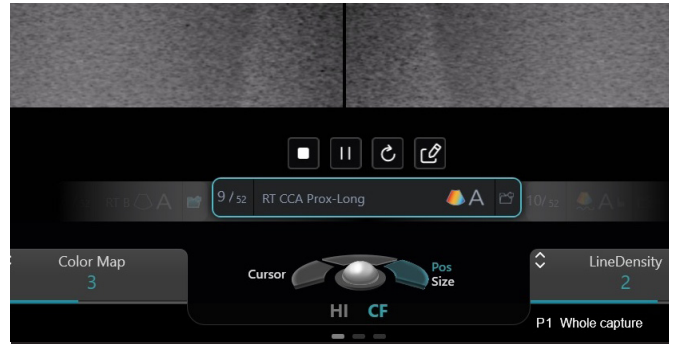Primary Care

OBGYN

Clinical benefit

- High frame rate and sensitive Doppler imaging.
- Optimized work efficiency with automatic measurements.
- Seamless flow with cart for easy maneuvering.
- Full-screen mode magnifies small vessels.

Features

Auto IMT

Carotid intima-media thickness is automatically measured and displayed on-screen when the user draws a line in the area.
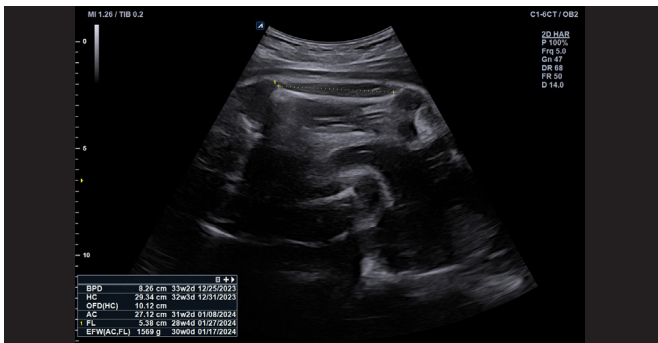

X$^+$ Assistant

Registered sequences reduce keystrokes by over 50% compared to conventional use.
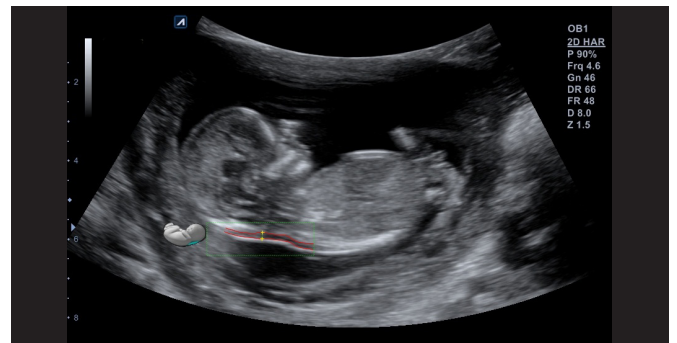
Clinical benefit

- X$^+$ FIT technology delivers comprehensive clinical insights.
- Intelligent tools save time with high accuracy.
- Streamlined workflow through auto measurements and post-acquisition processing.
- CUBE Note enables easy transfer of fetus images from X-CUBE i8 to a mobile device.
- Carrying bag - Carrying bag includes 3 transducer pouches * The cart and carrying bag are available for purchase separately

Features

X$^+$ Auto Biometry

The system detects fetal HC, BPD, FL, AC, and humerus, then automatically measures their lengths and calculates the estimated fetal weight(EFW).

Auto NT

During a nuchal translucency scan, the maximum thickness is automatically measured by drawing an ROI box in the area.