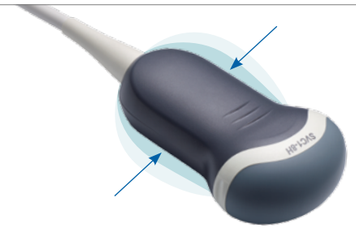
Patient FIT transducers

ALPINION's advanced transducer technology provides comfort and significantly improves the quality of diagnoses.

Pain relief transducer EV/EC2-11

X⁺ Crystal signature™
High Density Single Crystal Endocavity
Minimizes patient discomfort during diagnoses with 36% smaller tip.
The transducer provides optional care based on patient convenience.
*Compared to the previous endocavity transducers of ALPINION



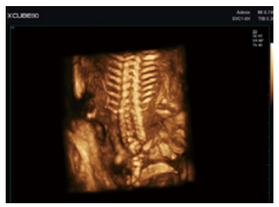
Ergonomic design SVC1-8H

High Density Single Crystal Volume Convex
The light and compact single crystal volume convex transducer features an improved grip.
*Compared to the transducer SVC1-6H, 20% lighter and 23% smaller

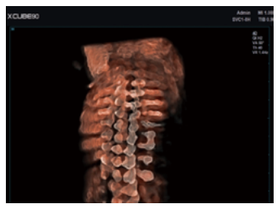
Crystal clarity SC1-7H

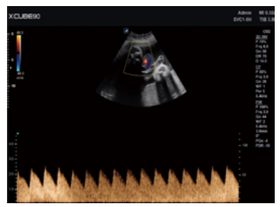
X⁺ Crystal signature™
High Density Single Crystal Convex
X⁺ Crystal signature™ technology allows users to experience insightly clear image quality.

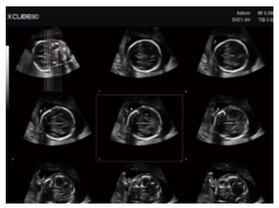
Image gallery


Max View

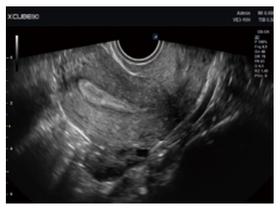

Live HQ™


Silhouette


Umbilical code in PW


Multi Slice View


Live HQ™


Uterus in 2D


Fetus face in 2D

ALPINION MEDICAL SYSTEMS
E-mail international@alpinion.com
Phone **+82-2-3282-0900**
Homepage www.alpinion.com
77, Heungan-daero 81 beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, Korea

MKT-XC9070-OBG-LF-E2108

ALPINION
MEDICAL SYSTEMS

Infinite Insight
XCUBE 90/70

Deliver exceptional value with the realistic imaging
Powered by X⁺ Architecture

X⁺ FIT

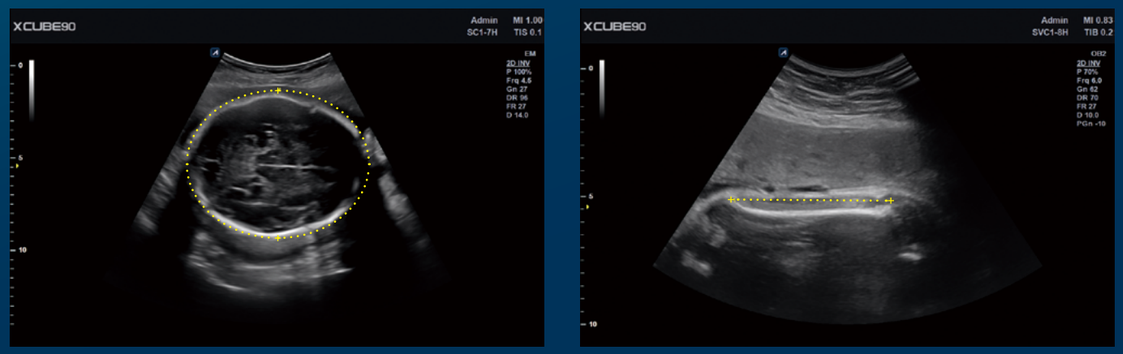
X⁺ FIT is a beamforming technology which improves resolution, frame rate, and uniformity. X⁺ FIT utilizes massive parallel beamforming whose architecture is capable of transmitting 4 times larger volume with 10 times faster capacity and also processing data 14 times faster than our previous model (E-CUBE 15 Platinum). X-CUBE 90's high resolution imaging is a prerequisite for accurate diagnoses and quick decision-making.

X⁺ Crystal signature™

Upgraded single crystal and a special material matching layer and backing material allow heat dissipation and minimalize signal loss.
ALPINION's signature transducer technology allows you to experience highly clear image quality with high sensitivity and wideband, which shows significant improvements in image resolution, contrast, and uniformity. ALPINION develops and manufactures its own transducers, the key to ultrasound imaging.

eXpanded Capability

X-CUBE 90 is designed to provide objective and accurate diagnoses based on expanded technology.
Intelligent clinical features upgrade diagnostic accuracy to a whole new level.



X+ Auto Biometry

When measuring Estimated Fetal Weight(EFW), the smart recognition algorithm allows you to automatically identify a structure of interest and measure fetal head circumference (HC), biparietal diameter (BPD), femur length (FL), abdominal circumference (AC) and Humerus. This feature boasts a examination speed and a high accuracy.

Auto Follicle

With one button click, users can measure automatically multiple follicles simultaneously. This feature saves exam time by quick calculating the number and volume of follicles. Counted follicles are identified by color and results are delivered in report.
Auto Follicle is useful to monitor follicular development, counting antral follicles and ovarian reserve.

STIC

Color Doppler spatio-temporal image correlation allows users to access more comprehensive information of fetal heart by automatic volume sweep. X+ Architecture's high frame rate and data processing capacity implements the volume dataset consist of high number of 2D/Color Doppler frames. This adequate image reconstruction enhances the accuracy of screening fetal heart malformation and congenital heart disease such as defective vessels, leaky valves, hole in heart.

X+ Assistant

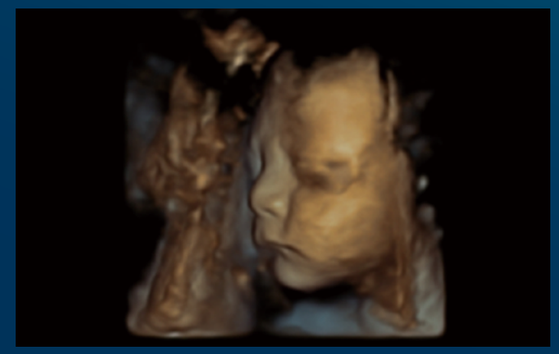
X+ Assistant enables users to reduce keystrokes by at least 50% and save time when conducting examinations. The optimal scanning protocol registered according to each application guidelines increases the work efficiency by reducing examiner's fatigue. The personal optimized protocol can be registered.
Also, it ensures users to examine without missing and the examination consistency can be enhanced even if there are a number of operators.

X+ Compare

This is a feature that allows users to import patients' previous study from a PACS server or hard disk and compare when scanning and reviewing. By comparing previous images of the same region, users can easily observe the patient's progress, thereby making this feature useful for providing patient care.
X+ Compare can be used not only in scan mode, but in review mode (E-View) as well.
* X+ Compare supports ultrasound studies only.

LiveHQ™

The combination of qualified 3D/4D transducers with strong performance reliability and geometrical accuracy enables ALPINION's Live HQ™ software to render a realistic fetal shape. Light position displays diverse view of fetus and users can adjust light position freely using a trackball.



Depth View

A rendering mode to give the three dimensional effects by different colors on each depth.

3D Speckle Reduction Imaging (SRI)

Removing the noise of volume data, the contrast of image is improved.

Silhouette Imaging

This new technology provides silhouette outlines of the fetus and other structures clearly. By using Live HQTM technology with a shadowing effect, Silhouette imaging technology allows to delineate the outlines of structures behind the directly visualized structure.

Clear Face

Clear Face detects a fetal face automatically and it removes structures that cover fetal face such as cord, placenta, uterus. It allows users to acquire clear view with simple operation.

X+ MicroView

X+ MicroView is the vascular imaging mode which displays micro blood flow. Users can observe the low-speed blood flow of tiny blood vessel.

USB Real Time Recording

USB real-time recording makes data storage easier by allowing users to record ultrasound scan images on USB memory in real time. Videos are recorded as high-definition and stored in system quickly.

3D DICOM

3D images are converted to DICOM volume data so as to be able to viewed in PACS viewer.

CUBE NOTE

CUBE NOTE™ is an application for android mobile devices.
It links with Alpinion's ultrasound systems to transfer all kinds of ultrasound images and records directly to the customer's mobile devices. ALPINION supports to expand patient care and increase satisfaction of both medical providers and patients.