Designed To Make Your Daily Practice Easier

Our design prioritizes operator comfort through ergonomic considerations, while its compact form enhances flexibility in healthcare settings.

Digital Keyboard, TGC

Foot, Wrist rest

One palm control panel

320° Articulating monitor arm

Gel warmer with adjustable angle

Slide Keyboard

Product specification

21.5" Monitor, 12.1" Touch Screen	Size : 560 x 780 x1,310-1,670(W x D x H)
4(3+1) Transducer Connectors	Weight : 70 kg
-80/+135 mm Height adjustment control panel	Battery(Option) : Max. 22hours (in Sleep mode)
4 Swivel wheels, Safety break lock	Gel warmer: 3-level temperature control

*Options are available for separate purchases. For details, kindly contact our local distributor.

Transducers

Developed and manufactured by **ALPINION**

* A biopsy kit is available

Convex

C1-6CT *

C-Architecture (PowerView™) Convex

Abdominal, Obstetrics, Musculoskeletal(MSK), Pediatric

SC2-11H

X³ Crystal Signature™ High Density Single Crystal Microconvex

Pediatric

Volume Convex

SVC1-8H

Single Crystal Volume Convex

Abdominal, Obstetrics

Linear

L3-15H *

High Density Linear 45.2mm wide footprint

Abdominal, Vascular, Small parts, Musculoskeletal(MSK)

L3-12H^{WD}

High Density Linear, 64mm wide footprint

Abdominal, Vascular, Small parts, Musculoskeletal(MSK), Pediatric

L3-8H *

High Density Low Frequency Linear 44.8mm wide footprint

Vascular, Musculoskeletal(MSK), Pediatric

Endocavity

EC3-10T *

Endocavity (straight)

Obstetrics, Gynecology, Urology

EV3-10T *

Endocavity (curved)

Obstetrics, Gynecology, Urology

Volume Endocavity

VE3-10H *

High Density Volume Endocavity

Obstetrics, Gynecology, Urology

Phased Array

P1-5CT

Single Crystal Phased Array

Abdominal, Echocardiography, Vascular

Pencil

CW2.0

Pencil Typed

Echocardiography

CW5.0

Pencil Typed

Echocardiography

CW8.0

Pencil Typed

Echocardiography

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Some clinical images were enlarged and edited to make the pathological content more visible.

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MKT-XC50-TS-PC-E2405-V1.0

ALPINION MEDICAL SYSTEMS

Defining Clarity, Delivering Confidence

XCUBE 50

Accelerate Precision of Diagnosis

The X-CUBE 50 ultrasound diagnostic device provides fast and comfortable examinations with high-quality images. The images, rich in clinical information, improve diagnostic accuracy throughout the entire process, from patient classification to comprehensive examinations.

X+ FIT

The sophisticated parallel beamforming technology X+FIT improves contrast and uniformity for excellent resolution by transmitting, receiving and processing a large amount of data. X+FIT promises high image quality for your patient care.

Full SRI™

The powerful Speckle Reduction Imaging (SRI) feature allows adjustment of the SRI level based on image condition or mode, supported in 2D, 3D, and 4D modes.

Pulse Inversion Tissue Harmonic (PTHI)

The use of harmonic signal processing technology has minimized signal loss and improved the bandwidth of the signal transmitted from the transducer. This has led to a reduction in artifacts and enhancements in resolution, contrast, and SNR, allowing for a more detailed expression of lesions without distortion.

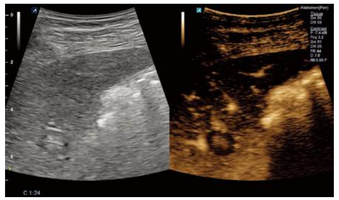
Tissue Doppler Imaging (TDI)

TDI allows for measurements of tissue movement speed, typically performed on myocardium.

Advanced Technology Enhances Your Confidence

ALPINION provides professional tools for a variety of applications, delivering high-resolution images for accurate diagnosis. These tools can help healthcare professionals increase diagnostic confidence.

General Imaging

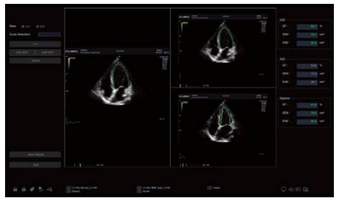


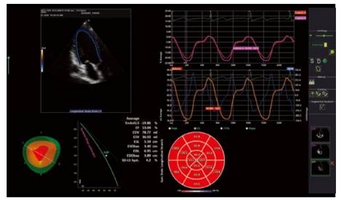
Contrast Enhancement Ultrasound (CEUS)

This function diagnoses patients using various angiographic patterns that appear while a contrast medium is administered intravenously, diffusing in blood vessels and organ tissue. It is useful for diagnosing intrahepatic masses, examining liver tissue, and assessing the severity of liver fibrosis and portal hypertension.

Directional PD Mode (DPDI)

Power Doppler technology displays blood flow direction information with higher sensitivity than Color Doppler.

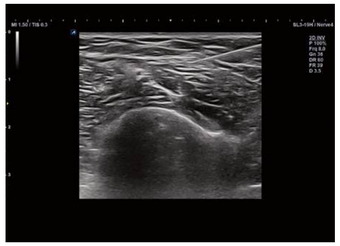




Echo Package : Auto EF, CUBE Strain™

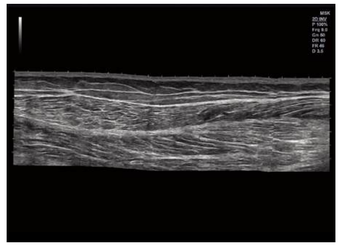
It is a non-invasive test method that automatically analyzes the end-diastolic volume (EDV), end-systolic volume (ESV), and ejection fraction (EF), providing a more objective evaluation of myocardial function. Additionally, it quantifies data by tracking speckles in 2D heart images to assess myocardial movement.

Musculoskeletal / Vascular



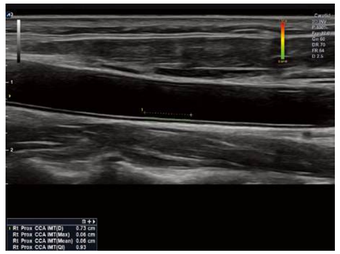
Needle Vision™ Plus

This function is useful for clearly displaying the shape and direction of the needle during invasive testing, employing beam steering technology.



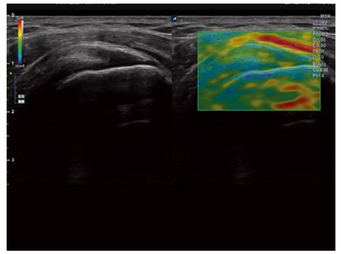
Panoramic

Panoramic imaging enables observation of extremely wide horizontal images.



Auto IMT

The thickness of the carotid artery intima-media can be accurately and quickly measured down to the millimeter unit, regardless of the user's skill level.



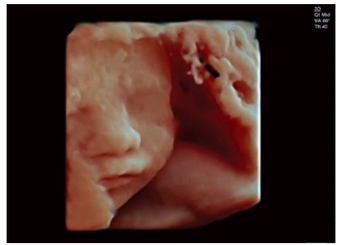
Strain Elastography

Elastic ultrasound imaging is an ultrasound imaging technique that revels relative elasticity of tissues against external pressure. It provides additional pathological information, helping to reduce unnecessary biopsies.

Obstetrics/Gynaecology (OB/GYN)

Auto Follicle

To measure superovulation, this technology counts the number of follicles and measures the volume automatically.



Live HQ™

The improved volume rendering technology allows for the free movement of light direction and supports various color maps.

Intelligent Tools for Easier Workflow

X+ Assistant

Keystrokes have been reduced by more than 50% compared to conventional methods, thereby reducing examination time. Optimal scanning protocols are registered based on application-specific guidelines, allowing users to personalize and optimize protocols.

X+ Compare

Users can import previously acquired videos from a PACS or hard disk and compare them with the current videos in real-time scan, which is a key feature to optimize patient care.
* X+Compare supports ultrasound studies only

Power Preset

Users can load a system preset saved in advance with a single button click. By using these quick and easy presets, users can shorten the imaging set up time.

Xpeed™

Simply press the Xpeed™ button once to quickly optimize images in 2D Mode and Spectrum Doppler Mode. Detect, predict, and adjust the Dynamic range level in real-time.

X+ Auto Biometry

When measuring fetal EFW, Auto Biometry detects fetal HC, BPD, FL, AC, and Humerus, and automatically measures their lengths.

USB Real-time recording

USB real-time recording simplifies data transfer by enabling users to record ultrasound scan images directly onto USB memory in real time. Videos are captured in high-definition and quickly stored in the system.

Defining Clarity, Delivering Confidence

X CUBE 50