





E-CUBE 15 EX Value Creation



Optimal Imaging Suite™

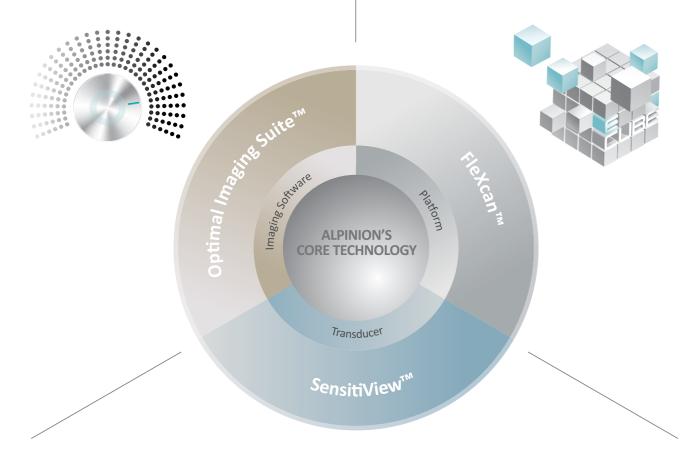
Image Quality Enhancements

Optimal Imaging Suite™, ALPINION's integrated image post processing software set, provides better border definition and increased contrast resolution by reducing artifacts while maintaining true tissue appearance.

FleXcan™

Easy upgrade with new technology and features

FleXcan™, ALPINION's software based imaging platform, is the foundation of the E-CUBE. It allows us to remain responsive to customer needs as well as user's system up to date with reliable performance and improved productivity during the lifetime of the product.

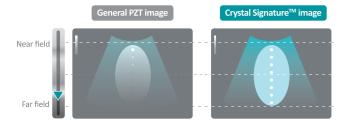


SensitiView™

Deep penetration without sacrificing high resolution

Crystal Signature™

Greater sensitivity, Wider bandwidth, Higher resolution



CSA™(Clear Signal Amplifier)

Rx Signal Amplifier boosting sensitivity

Low loss cable

A low loss cable enables the Rx signal to travel further

Matching network

The perfect impedance matching of the transducer and system

Versatile and Perfectly Fine-tuned

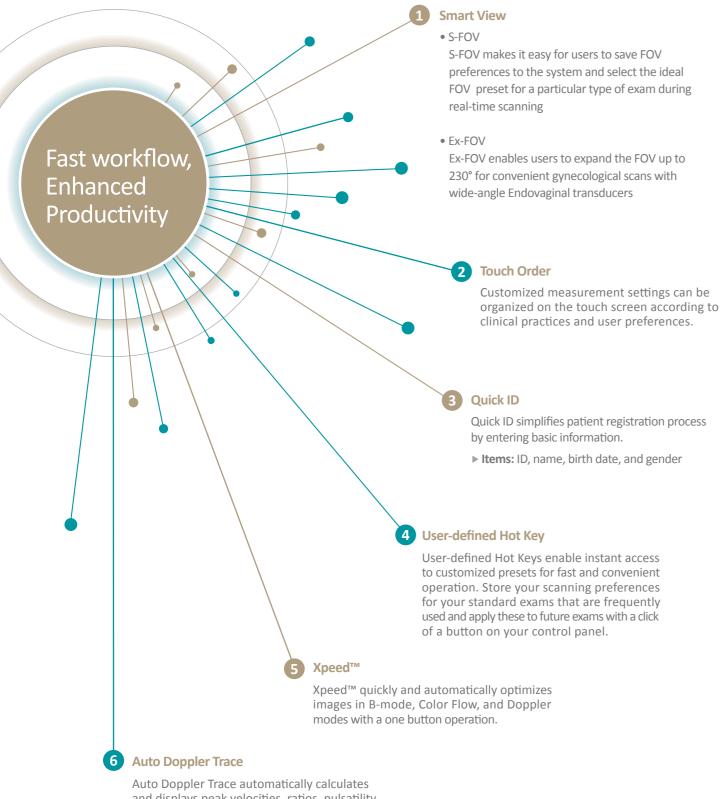
The E-CUBE 15 EX offers extensive shared service and Ob/Gyn practices.

The E-CUBE 15 EX is fully geared to an exceptional



Entirely New Level of Workflow

The E-CUBE 15 EX adds user value in each phase of daily practice from clinical review to diagnostic confirmation. The E-CUBE 15 EX's efficient workflow increases exam efficiency by reducing the number of tasks per exam and enables users to focus on caring for the patient and acquiring high-quality images.



Auto Doppler Trace automatically calculates and displays peak velocities, ratios, pulsatility index and resistance index.

Ergonomic Superiority

The E-CUBE 15 EX's user-oriented system and transducer design fulfills the ultimate comfort for the users as well as patients.



Imaging performance with advanced features

Cardiovascular

- Enhanced visualization of structures, clear depth perception, and color sensitivity
- Comprehensive cardiac measurement and analysis package



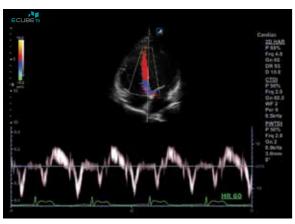




High resolution 2D imaging demonstrating excellent contrast resolution in the Dual mode with MP1-5X



Apical 4 chamber view in harmonics for excellent axial and lateral resolution.



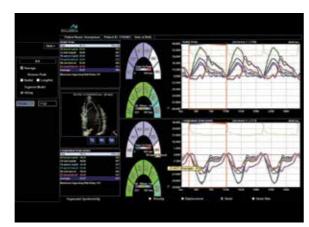
PW in Tissue Doppler imaging displaying a sharp and clear spectrum helps users to evaluate myocardial movement.



Stress Echo package is fully streamlined with user-defined protocols for efficient workflow.



Color flow in Mitral valve with temporal and spatial resolution.



CUBE Strain[™], a strain imaging software, allows physicians to assess myocardial movement in either qualitative or quantitative measurement.

General Imaging & Small Parts

- Unparalleled image quality in B-mode, Color Flow, and Doppler modes
- Crystal Signature™ transducers to help increase penetration and deliver a high definition resolution







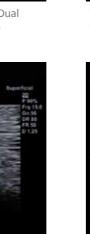




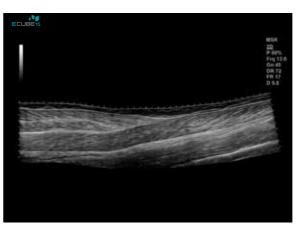




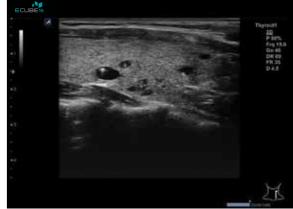
Tissue Harmonic Imaging(FTHI) of Liver in the Live Dual mode with Crystal Signature™ Transducer, SC1-4HS



Tendon at the MCP joint image with IO8-17 displaying the clarity and excellent definition in superficial areas



A single panoramic image with extreme fine-pitched linear transducer (L3-12X) provides a larger reference image up to 60cm with spatial relationship of structure.



Thyroid cyst using extreme fine-pitched transducer (L8-17X) visualizes clear nodular tissue with better contrast resolution.



Power Doppler to help detect blood flow in the Testicle.



Needle Vision™ Plus providing better visualization of a needle tip and shaft with Beam Steering technology

Women's Health

- Advanced 3D/4D rendering engine (Volume Master™ and LIVE HQ™) offering excellent details of fetus
- High performance, lightweight Crystal Signature™ volume convex transducer for volume acquisitions





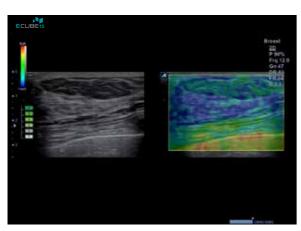




LIVE HQ[™] using Crystal Signature[™] volume transducer (SVC1-6H) generates realistic images of fetus.



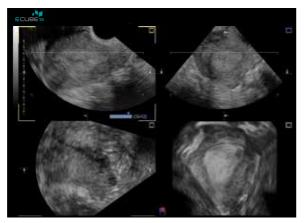
Sequential images of Lateral ventricle with MSV (Multi Slice View) $^{\rm TM}$.



Color Elastography map showing the gradations of stiffness relative to the surrounding tissues in the Breast



Aortic arch with the excellent spatial sensitivity of color Doppler



Multi-planar Rendering view demonstrating an endometrial cavity



Outstanding contrast resolution with the new wide-angle Endovaginal transducer up to 230°















SC1-6H * High dengity Single Crystal

• OB, GYN, Fetal Echo, Abdominal, Renal, Emergency Medicine



SC1-4HS

Wide-angle high density Single Crystal

• Abdominal, Renal, OB, GYN, Fetal Echo, Emergency Medicine



SC1-4H*

High density Single Crystal

 Abdominal, Renal, OB, GYN, Fetal Echo, Emergency Medicine



C5-8N

Micro convex

 Pediatric, Cardiac, Vascular, Emergency Medicine



C5-8

Micro convex

 Pediatric, Cardiac, Vascular, Emergency Medicine



SVC1-6H

High density volume Single Crystal

• OB, GYN, Fetal Echo

Linear



L8-17X

Extreme high density, 58.2mm wide aperture

• Carotid, Peripheral Vascular, Thyroid, Testicle, MSK(Superficial) Breast, Emergency Medicine



L3-12X *

Extreme high density, 58.2mm wide aperture

• Carotid, Peripheral Vascular, Thyroid, Testicle, MSK, Breast, Emergency Medicine



L3-12H *

High density

• Carotid, Peripheral Vascular, Thyroid, Testicle, MSK, Breast, Emergency Medicine



L3-8 *

Low frequency with the greater depth of penetration

• Peripheral Vascular, MSK, Emergency Medicine



108-17

High frequency hockey stick

• MSK(Superficial), Small Parts, Superficial Vascular



IO3-12 Intraoral

• Salivary gland, Parotid gland, Submaxillary gland, Small Parts, MSK, Peripheral Vascular, Emergency Medicine

Endocavity



EV3-10X *

Extreme high density, wide angle FOV (Max 230 $^{\circ}$)

• GYN, OB, Fetal Echo, Emergency Medicine



EC3-10X *

Extreme high density, wide angle FOV (Max 230°)

• GYN, OB, Fetal Echo, Urology, Emergency Medicine



EV3-10H *
High density

• GYN, OB, Fetal Echo, Emergency Medicine



EC3-10H *

High density

 GYN, OB, Fetal Echo, Urology, Emergency Medicine

Pencil Typed



E3-10H

High density

• GYN, OB, Fetal Echo, Urology, Emergency Medicine



VE3-10H

High density

 GYN, OB, Fetal Echo, Urology, Emergency Medicine

Phased Array



MP1-5X

Extreme high density Multi-active layer

 Cardiac, Abdominal, Renal, TCD, Emergency Medicine



SP1-5X

Extreme high density Single Crystal

 Cardiac, Abdominal, Renal, TCD, Emergency Medicine



SP3-8 Single Crystal

Abdominal, Cardiac, Emergency Medicine



Pencil typed transducer

Cardiac

CW5.0



CVV2.0

Pencil typed transducer

Cardiac





TEE3-7

TEE transducer

• Cardiac, Emergency Medicine



Real Time Customer Service

NETCUBECARE[™]

ALPINION's E-CUBE system can be accessed by Net CUBE CARE™ service anytime for the efficient troubleshooting of system software.

Net CUBE CARE™, ALPINION's unique network-based remote service, efficiently upgrades the E-CUBE system based on customer needs by accessing and upgrading software.

Standalone clinical images may have been cropped to better visualize pathology.