



**ECUBE 15 EX**  
Confident Diagnosis, Confident Decisions

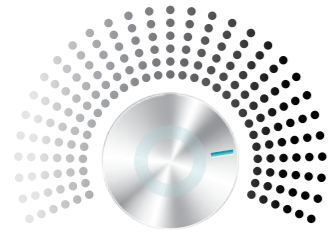


# E-CUBE 15 EX Value Creation



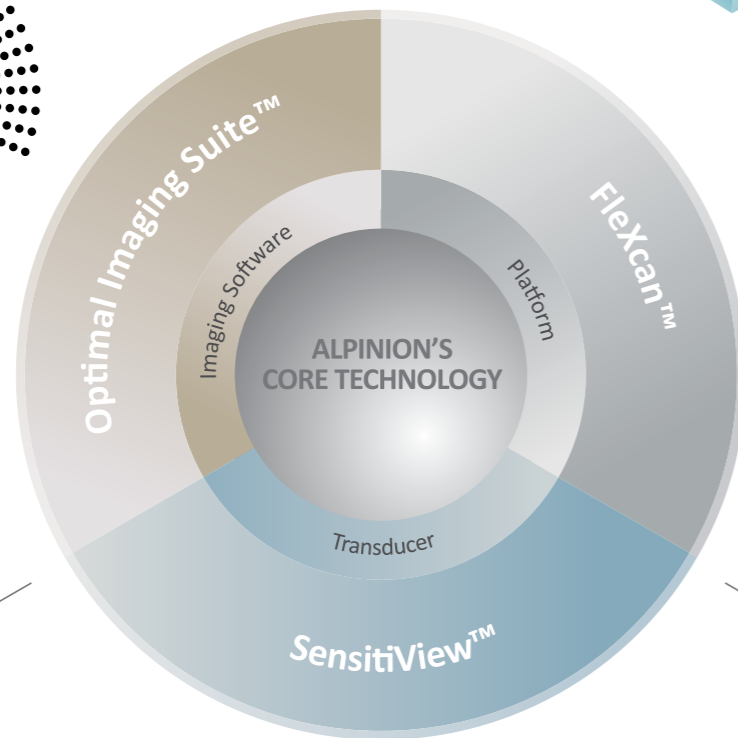
## Optimal Imaging Suite™ Image Quality Enhancements

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.



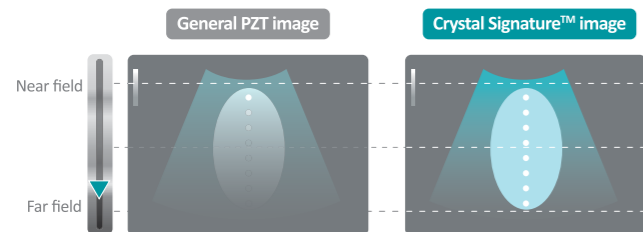
## FleXcan™ Easy upgrade with new technology and features

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 provides progressive and versatile diagnostic solutions with exceptional performance and excellent image quality that enhance diagnostic confidence.

The E-CUBE 15 EX offers extensive shared service capabilities for vascular, cardiac, abdominal, pediatric/fetal, musculoskeletal, urology, prostate, and Ob/Gyn practices.

The E-CUBE 15 EX minimizes complications, raising the level of confidence when clinicians conduct examinations.

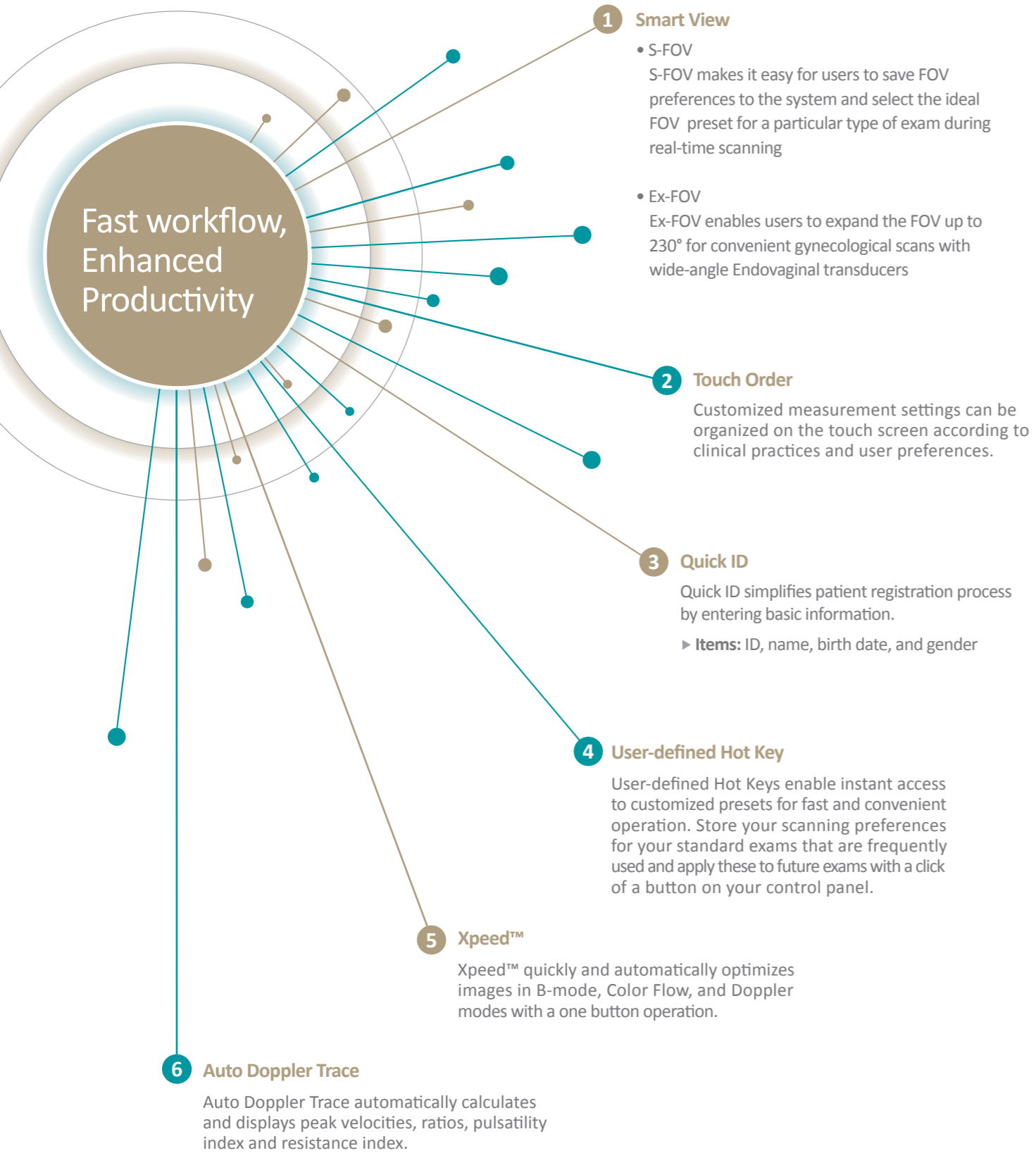
The E-CUBE 15 EX is fully geared to an exceptional performance in any clinical environment.



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

## 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.



## 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.

### 19.5" Wide LED Monitor



### Super Responsive Touch Screen



### Auto Lift Control Panel

### MicroFit™ Transducer



### Built in Gel Warmer



### Wide Foot Rest



# Imaging performance with advanced features

## Cardiovascular

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

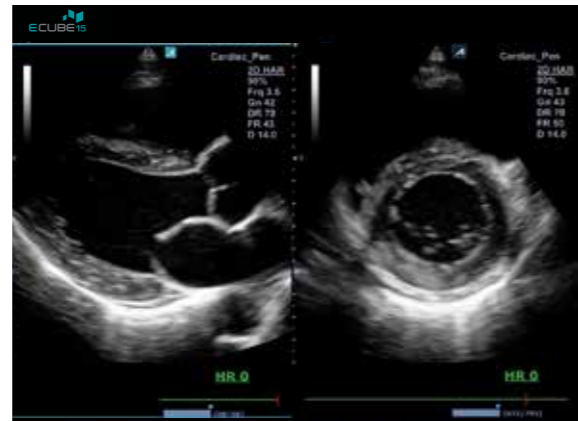


## General Imaging & Small Parts

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



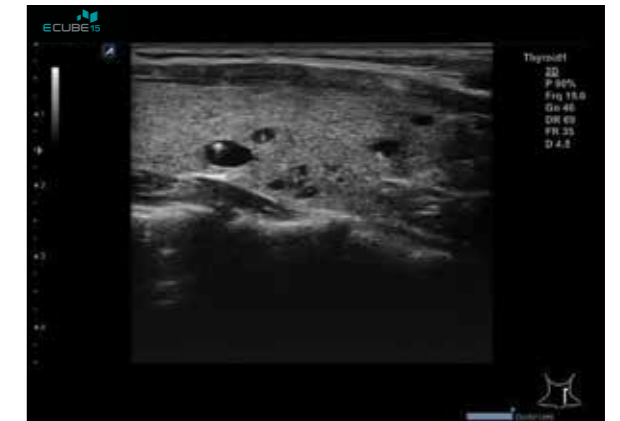
Apical 4 chamber view in harmonics for excellent axial and lateral resolution.



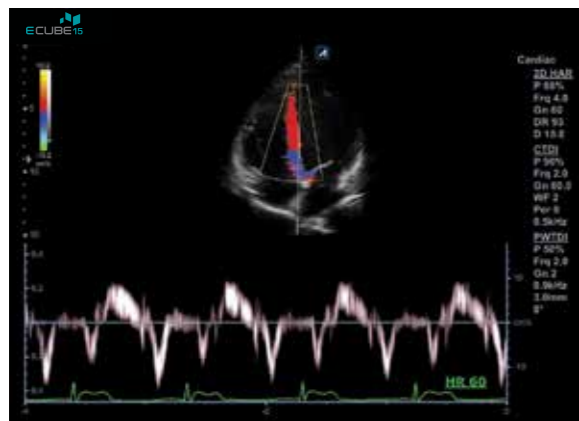
High resolution 2D imaging demonstrating excellent contrast resolution in the Dual mode with MP1-5X



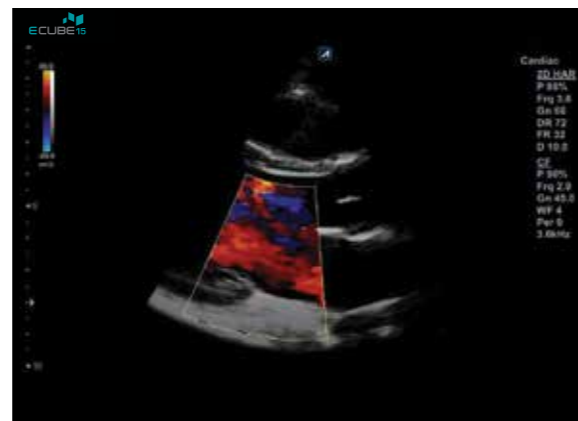
Tissue Harmonic Imaging(FTHI) of Liver in the Live Dual mode with Crystal Signature™ Transducer, SC1-4HS



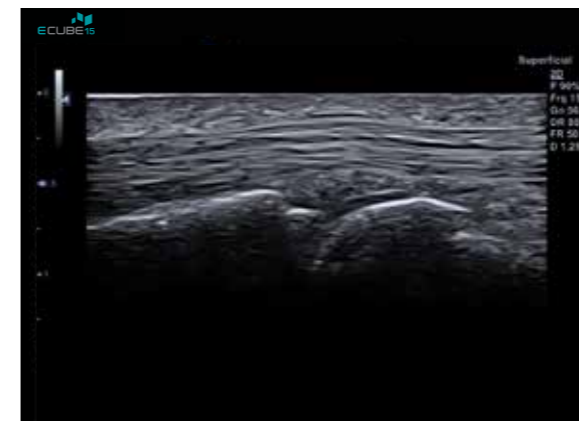
Thyroid cyst using extreme fine-pitched transducer (L8-17X) visualizes clear nodular tissue with better contrast resolution.



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



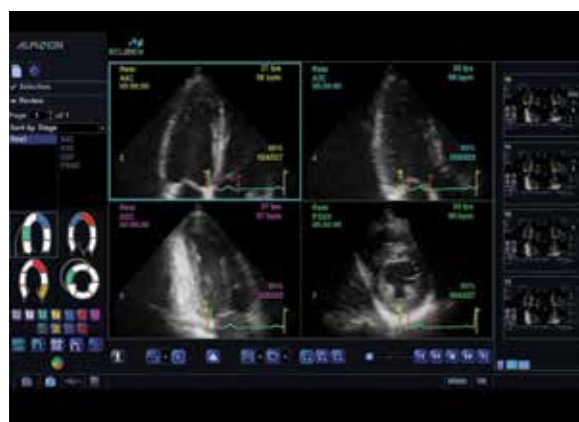
Color flow in Mitral valve with temporal and spatial resolution.



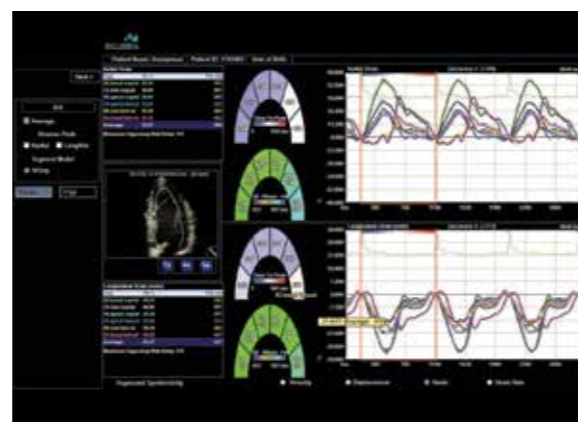
Tendon at the MCP joint image with IO8-17 displaying the clarity and excellent definition in superficial areas



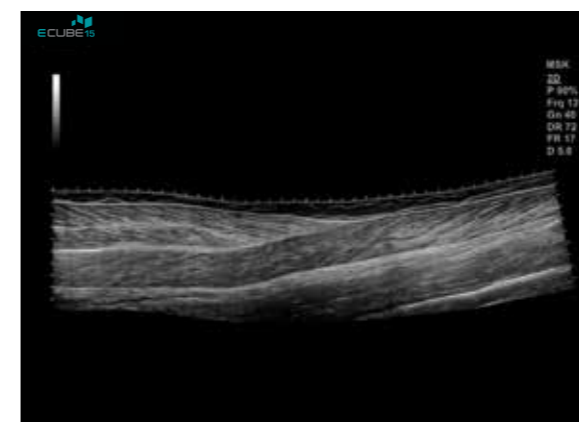
Power Doppler to help detect blood flow in the Testicle.



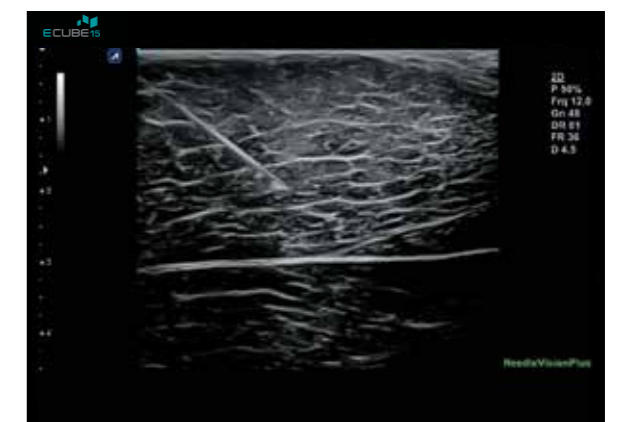
Stress Echo package is fully streamlined with user-defined protocols for efficient workflow.



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



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.



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



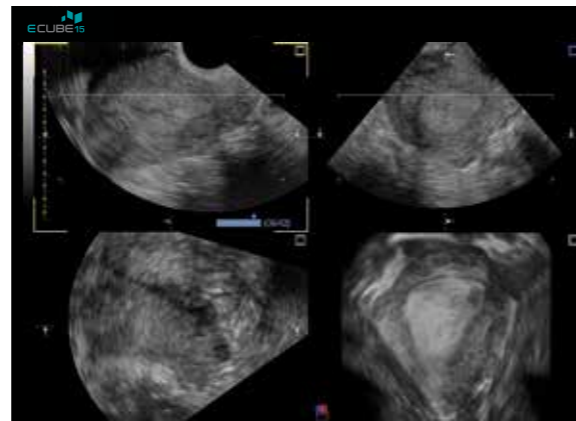
LIVE HQ™ using Crystal Signature™ volume transducer (SVC1-6H) generates realistic images of fetus.



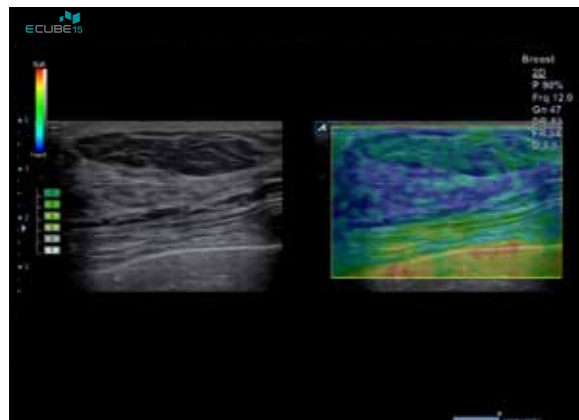
Aortic arch with the excellent spatial sensitivity of color Doppler



Sequential images of Lateral ventricle with MSV (Multi Slice View)™.



Multi-planar Rendering view demonstrating an endometrial cavity



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



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

## Transducer Selection

The E-CUBE 15 EX transducers with ergonomic benefits help you achieve extraordinary images. With advanced engineered E-CUBE 15 EX transducers, you can feel confident across a broad range of applications.



Fast Repair



Low Maintenance Cost



Best Compatibility



Reliable Quality by Multi-level Quality Management

Developed and manufactured by ALPINION for unrivalled acoustic performance

# Transducer Guide

Developed and manufactured by ALPINION for unrivalled acoustic performance



## Convex



**SCI-6H \***  
High density Single Crystal

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



**SCI-4HS**  
Wide-angle high density Single Crystal

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



**SCI-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

## Volume Convex



**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



**IO8-17**  
High frequency hockey stick

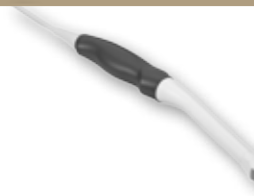
- MSK(Superficial), Small Parts, Superficial Vascular



**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°)

- 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



**E3-10H**  
High density

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

## Volume Endo



**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



**CW5.0**  
Pencil typed transducer

- Cardiac



**CW2.0**  
Pencil typed transducer

- Cardiac

## TEE



**TEE3-7**  
TEE transducer

- Cardiac, Emergency Medicine

\* A biopsy kit is available.

※ Certain transducers may not be available for use in some countries.



#### 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. ALPINION's Net CUBE CARE™ customer service is optional - please contact the ALPINION customer service team at [service@alpinion.com](mailto:service@alpinion.com) for further inquiries.

#### ALPINION MEDICAL SYSTEMS

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

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