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.

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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.

Fast workflow, Enhanced Productivity

1. Smart View
   - S-FOV
     S-FOV makes it easy for users to save FOV preferences to the system and select the ideal FOV preset for a particular type of exam during real-time scanning.
   - Ex-FOV
     Ex-FOV enables users to expand the FOV up to 230° for convenient gynecological scans with wide-angle Endovaginal transducers.

2. Touch Order
   Customized measurement settings can be organized on the touch screen according to clinical practices and user preferences.

3. Quick ID
   Quick ID simplifies patient registration process by entering basic information.
   Items: ID, name, birth date, and gender

4. User-defined Hot Key
   User-defined Hot Keys enable instant access to customized presets for fast and convenient operation. Store your scanning preferences for your standard exams that are frequently used and apply these to future exams with a click of a button on your control panel.

5. Xpeed™
   Xpeed™ quickly and automatically optimizes images in B-mode, Color Flow, and Doppler modes with a one button operation.

6. Auto Doppler Trace
   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.

19.5” Wide LED Monitor

Super Responsive Touch Screen

Auto Lift Control Panel

MicroFit™ Transducer

Built in Gel Warmer

Wide Foot Rest

Flexible & Lightweight Cable

Comfortable Grip
Surface & Width

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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

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**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.**

**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.**

**Tissue Harmonic Imaging (FITH) of Liver in the Liver Dual mode with Crystal Signature™ Transducer, SC1-4H5.**

**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.**

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

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**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.**
**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)™.*

*Color Elastography map showing the gradations of softness relative to the surrounding tissues in the Breast.*

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

*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°.*

**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.

Developed and manufactured by ALPINION for unrivalled acoustic performance.
**Convex**

- **SC1-6H** *High density 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, Breast, Emergency Medicine

- **IO8-17** *High frequency hockey stick*
  - Salivary gland, Parotid gland, Submaxillary gland, Small Parts, MSK, Peripheral Vascular, Emergency Medicine

- **L3-12X** *Extreme high density, 58.2mm wide aperture*
  - Carotid, Peripheral Vascular, Thyroid, Testicle, MSK, Breast, Emergency Medicine

- **EC3-10H** *High density*
  - GYN, OB, Fetal Echo, Urology, Emergency Medicine

- **EC3-10H** *High density*
  - GYN, OB, Fetal Echo, Urology, Emergency Medicine

- **E3-10H** *High density*
  - GYN, OB, Fetal Echo, Urology, Emergency Medicine

- **VE3-10H** *High density*
  - GYN, OB, Fetal Echo, Urology, Emergency Medicine

**Endocavity**

- **EV3-10X** *Extreme high density, wide angle FOV (Max 230°)*
  - GYN, OB, Fetal Echo, Emergency Medicine

- **EC3-10X** *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

- **EV3-10H** *High density*
  - GYN, OB, Fetal Echo, 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

**Volume convex**

- **C5-8** *High density*
  - Pediatric, Cardiac, Vascular, Emergency Medicine

**Volume Endo**

- **CW5.0** *Pencil typed transducer*
  - Cardiac

- **CW2.0** *Pencil typed transducer*
  - Cardiac

- **TEE3-7** *TEE transducer*
  - Cardiac, Emergency Medicine

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* A biopsy kit is available.

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