

E-CUBE 15 EX



Versatile and Perfectly Fine-Tuned Ultrasound Machine

Exclusively for those who demand the highest quality diagnosis for their patients in the most challenging of cases, the E-CUBE 15 EX consistently delivers speed, throughput and accuracy. The E-CUBE 15 ultrasound machine provides progressive and versatile diagnostic solutions with exceptional performance and excellent image quality that enhance diagnostic confidence.

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

Features

- Crystal Signature™: High class single crystal transducer technology provides higher sensitivity, better penetration, and less heat degradation than traditional PZT materials.
- Flexcan™ Architecture, ALPINOIN's innovative flexible software driven imaging platform for system stability and easy upgrades with minimum hardware changes.
- SensiView™ Technology encompasses the CSA™ (Clear Signal Amplifier), low loss cable and matching technology with system.



- MicroFit™ Technology ALPINION's innovative transducer design facilitates optimized performance and enhances ergonomics.
- Optimal Imaging Suite™. Optimized post-processing technology set creates optimized images by effectively decreasing artifacts and enhancing the edge of organs. SCI / / FCI / FTHI / PITHI / SRI – FullSRI.
- Quick ID simplifies patient registration process by entering basic information. Items: ID, name, birth date, and gender.
- User-defined Hot Keys enable instant access to customized presets for fast and convenient operation.
- New Preset™ creates specific exam presets by saving previous ultrasound exam information on imaging parameters, applications and transducers.
- CUBE View™ is ALPINION's world's first real-time ultrasound image sharing solution. Through wireless connection and CUBE View™ app in iPhone and iPad, users can share live ultrasound images from E-CUBE to anywhere.
- Crafted Transducer set which allow have the experience of extremely high density transducers and single crystal transducers sets powered by Crystal Signature™
- General Imaging specialized features
Elastography displays the gradient value of the stiffness of soft tissues, which offers useful diagnostic information like detection of tumor.
Xpeed™ is a one-button optimization tool for efficient diagnostic flow. It optimizes images in 2D, Color flow and Do
Panoramic Imaging offers a horizontal image within extremely extended field of view.ppler modes.
- Women's Health specialized features
Volume Master™ intuitive 3D/4D software offers fast rendering speed and outstanding rendering quality for diagnosis.
Live HQ™ is software to render a realistic fetal shape in combination of qualified 3D/4D transducers.
Auto NT. Semi-auto traced measurement tool of the Nuchal Translucency in the first trimester.
Elastography





Extreme High Density Endovaginal transducer with world widest angle FOV (Max 230°), EV3-10X / EC3-10X.

High Density 3D Endovaginal transducer, VE3-10H.

- Cardiovascular specialized features
CUBE Strain™ and Stress Echo offer an accurate diagnosis of cardiac disorders by quantifying myocardial deformation.
Auto IMT.
PITHI (Phase Inversion Tissue Harmonic Imaging) and FTHI (Filtered Tissue Harmonic Imaging) permit accurate diagnosis through rapid and clean images.
Extreme High Density Multi-active layer transducer, MP1-5X and Extreme high density single crystal Transducer, SP1-5X.
- Features for MSK, Orthopedic and other applications
Needle Vision™ dramatically enhances visibility of needle tips, which enables much more efficient and faster targeting.

Specifications

- 19.5" Wide LED monitor for convenient clinical review.
- 10.4" touch screen for fast and intuitive workflow.
- 3 active transducer ports (4th optional).
- Integrated Gel-warmer.
- Auto lift Control panel. A fingertip-operated console height-adjustment enables clinicians to examine in a comfortable position. (Console and monitor height adjustable up to 330mm).
- The flexible monitor arm can be turned 360° to provide convenience and optimal ergonomics for both users and patients.



- Micro-pinless transducer connector. Anti-dust transducer door. Cable arrangement hook.
- Wide foot rest.
- Applications: Abdominal, MSK, Orthopedic, Pain Management, Small Parts, Women's Health, 4D, Cardio-Vascular.
- Transducers



SC1-6HT 1~6MHz High density single crystal. OB, GYN, Fetal Echo, Abdominal, Renal, Emergency Medicine.

SC1-4HST 1~4MHz Wide-angle high density Single Crystal. Abdominal, Renal, OB, GYN, Fetal Echo, Emergency Medicine.

SC1-4HT 1~4MHz High density Single Crystal. Abdominal, Renal, OB, GYN, Fetal Echo, Emergency Medicine.

C5-8NT 5~8MHz Micro convex. Pediatric, Cardiac, Vascular, Emergency Medicine.

C5-8T 5-8MHz Micro-convex. Abdomen, Pediatric abdomen, Neonatal veterinarian, Urology.

SVC1-6HT 1~6MHz High density volume Single Crystal. OB, GYN, Fetal Echo.

L8-17XT 8-17MHz Extreme high density linear. Carotid, Peripheral Vascular, Thyroid, Testicle, MSK(Superficial) Breast, Emergency Medicine.

L3-12XT 3~12MHz Extreme high density linear. Carotid, Peripheral Vascular, Thyroid, Testicle, MSK, Breast, Emergency Medicine.

L3-12HT 3~12MHz High density linear. Carotid, Peripheral Vascular, Thyroid, Testicle, MSK, Breast, Emergency Medicine.

L3-8T 3~8MHz Low frequency linear. Peripheral Vascular, MSK, Emergency Medicine.

IO8-17T 8-17MHz High frequency hockey stick. MSK(Superficial), Small Parts, Superficial Vascular.

EV3-10XT 3~10MHz Extreme high density, wide angle FOV up to 230° endocavity (curved type). GYN, OB, Fetal Echo, Emergency Medicine.



EC3-10XT 3~10MHz Extreme high density, wide angle FOV up to 230° endocavity (straight type). GYN, OB, Fetal Echo, Urology, Emergency Medicine.

EV3-10HT 3~10MHz High density endocavity (curved type). GYN, OB, Fetal Echo, Emergency Medicine.

EC3-10HT 3~10MHz High density endocavity (straight type). GYN, OB, Fetal Echo, Urology, Emergency Medicine.

VE3-10HT 3~10MHz High density volume endocavity. GYN, OB, Fetal Echo, Urology, Emergency Medicine.

SP3-8T 3-8MHz Single crystal phased array. Abdominal, Cardiac, Emergency Medicine

MP1-5X 1~5MHz Multi-active layer phased array. Cardiac, Abdominal, Renal, TCD, Emergency Medicine.

SP1-5XT 1~5MHz High density single crystal phased array.

