ECUBE7
Women’s Lifetime Partner

ALPINION MEDICAL SYSTEMS
We are Ultrasound Professionals
E-CUBE 7, the reliable healthcare partner.

The E-CUBE 7 is a comprehensive solution for all your imaging needs about women's healthcare. From a regular health check-up to pregnancy check-up, the E-CUBE 7 can be a reliable life time partner for women.

With the advanced imaging features such as 3D/4D, the E-CUBE 7 provides enhanced visualization of a fetus in every trimester and decreases the time required to scan even some difficult patients.

3D/4D Imaging

Fetus spine using Flexible ROI, region of interest generation

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The E-CUBE 7's 3D/4D package and optimal settings precisely diagnose lesions existence and monitor a fetus development during pregnancy. The Volume MasterTM offers high resolution 3D/4D images through the unique rendering process and lightest 3D/4D transducer for obstetrics.

3D/4D image of 27 weeks fetus
**Gynecology Imaging**

Pelvic ultrasound imaging is a quick, easy and harmless way to check the health of female pelvic organs and structures. With the E-CUBE 7, identifying the size, shape, and position of the uterus and ovaries are easy and confident.

Regular checking of the length and thickness of the cervix, changes in bladder shape and blood flow through pelvic organs could be the keys for early detection of abnormalities in the anatomic structure of the uterus as well as fibroid tumors, masses, cysts, pelvic inflammatory diseases.

ALPINION’s in-house endocavity transducers (EC3-10, EV3-10) and single crystal transducer (SC1-6) provide excellent pelvic organ images through the perfect matching with the E-CUBE 7 system.

**Breast Imaging**

With its powerful imaging platform and superb linear transducers, the E-CUBE 7 provides complete coverage in breast imaging. The high density transducer (L3-12H) allows clear and high resolution images for complex breast lesions by the presence of fat, mammary gland and muscular layers. And the L3-12H also has a wide footprints (60mm), this helps to reduce scanning time by providing a wider view of breast image at once.

**E-CUBE 7, adds more values.**

ALPINION’s innovative single crystal technology, Crystal Signature™, provides greater uniformity and sensitivity of images than conventional piezo-ceramic materials. It offers enhanced penetration and resolution, and it can make diagnoses easier and clearer. The E-CUBE 7’s high-end class transducer, the single-crystal convex array (SC1-6), delivers excellent 2D images of a fetus with prominent clarity.

**Crystal Signature™**

Share realistic images of a fetus face without any limitation of where or when. The CUBE View™, real-time image sharing application, allows remote access to fetal images and videos through a tablet PC and a smart phone.

**CUBE View™**
Simple Workflow

The E-CUBE 7 adds user value in each phase of daily exam from diagnostic confirmation to clinical review. ALPINION is dedicated to giving user the intuitive workflow and clinical efficiency through its unique software, built-in features and reduced keystrokes. With the E-CUBE 7, user can take ultrasound scanning with fewer effort, while also increasing patient throughput.

1. Patient Registration
   Quick ID: Minimizes the time and effort to register a patient.

2. Scan Setting
   New Preset: Quick mode transition based on pre-specified user presets.

3. Scanning
   Xpeed™: Fast and automatically optimized images in B-mode, Color Flow, and Doppler modes with the one button operation.

4. Reporting
   DICOM structured OB report: Fast and easy access to patient information through a hospital system.

Ergonomic

Ideal for use anywhere. The E-CUBE 7’s lightweight and small footprint make it ideal for use in small spaces. This compact solution enables you to create a comfortable work environment in any clinical setting.

The E-CUBE 7’s ergonomics allow users can scan patients with easy manner. The user-oriented system and transducer design provides excellent comfort for users as well as patients.

Dimensions:

- Tall: 1,425 mm
- Short: 1,355 mm
- Width: 509 mm
- Depth: 670 mm
- Weight: 57 kg

Controls are optimally placed on the control panel for easy selection and optimization during every exam. By reducing keystrokes, the E-CUBE 7 allows you to concentrate on a diagnosis and a patient more.

The micro-pinless transducer connectors are designed to prevent electrical noise from any clinical environment. The E-CUBE 7 provides these premium connectors to enhance the product durability.

The ergonomic design of transducers, the comfortable hand grip with the thin and flexible cable, reduce user’s fatigue and help to facilitate optimized performance.