The E-CUBE 8 LE is a smart product that includes the absolutely essential features of the E-CUBE 8. It is easy to use, and helps you make quick and accurate diagnoses. It is a great partner for medical practitioners, and provides patients with a comfortable healthcare experience.

The E-CUBE 8 LE delivers superior image quality and can be utilized in a wide variety of applications in different specialized areas. The highly cost-effective and more efficient E-CUBE 8 LE is the most rational choice for you.

Alpinion develops and manufactures transducers in-house. Reliable quality / Best compatibility / Cheaper maintenance / Faster repair

Transducer Guide

Convex

- CS-ICT
  - Convex (Linear/Differential)
  - Endocavity (Playsitone™, PowerView™, Endocavity (Straight, Curved))
  - Footprint: 64mm

- CS-6NT
  - Linear (Differential)
  - Endocavity (Playsitone™, PowerView™, Endocavity (Straight, Curved))

- LS-12LE
  - High-frequency Linear
  - Endocavity (Playsitone™, PowerView™, Endocavity (Straight, Curved))
  - Footprint: 64mm

- LS-12LE
  - Linear
  - Endocavity (Playsitone™, PowerView™, Endocavity (Straight, Curved))
  - Footprint: 64mm

Linear

- L3-12H
  - High-density Linear
  - Abdominal, Pediatric, Small organ, Neonatal cephalic, Musculoskeletal (MSK), Peripheral vessel

- L3-12T
  - Linear
  - Abdominal, Pediatric, Small organ, Neonatal cephalic, Musculoskeletal (MSK), Peripheral vessel

Endocavity

- E3-10NT
  - Micro convex
  - Abdominal, Pediatric, Neonatal cephalic, Cardiac, Peripheral vessel

Volume

- VES-LE
  - Volume convex
  - Fetal, Abdominal, Pediatric, Urology

- VEL-10H
  - Volume linear
  - Fetal, Abdominal, Pediatric, Urology

Phased Array

- PS-ICT
  - Convex (PowerView™)
  - Endocavity (Playsitone™, PowerView™, Endocavity (Straight, Curved))
  - Footprint: 64mm

Pencil Type

- SP-IT
  - Single crystal phased array
  - Endocavity (Playsitone™, PowerView™, Endocavity (Straight, Curved))

- CW3.0
  - Pencil type
  - Endocavity (Playsitone™, PowerView™, Endocavity (Straight, Curved))

- EC3-10T
  - Endocavity (Playsitone™, PowerView™, Endocavity (Straight, Curved))

ALPINION MEDICAL SYSTEMS
We are Ultrasound Professionals

The Essentials for your daily practice

In-house Developed & Manufactured Transducers

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

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Standalone clinical images may have been cropped to better visualize pathology.
Simplicity of Workflow Design

As the E-CUBE 8 LE can be used easily and conveniently in different clinical environments, you can focus more on taking care of patients.

Monitor that delivers accurate images

The 19.5-inch SSD (solid-state drive) screen provides a high-definition display. Brightness and color images can be displayed on the screen. Measurements can be evaluated accurately and displayed on the screen. Measurements can be evaluated accurately and displayed on the screen.

Quick and easy control panel

All controls are arranged intuitively and ensuring efficient heat dissipation. You can also operate buttons and keys on the control panel and access them conveniently (PowerView). The high-density linear transducers can be attached to the E-CUBE 8 LE by PowerView™: L3-12H/L3-12H

High-performance transducers powered

PowerView™ technology disperses heat generated by PowerView™ technology is applied to the Convex and Phased array transducers. PowerView™ technology is applied to the Convex and Phased array transducers.

Satisfaction with Image Quality

Clear images delivered by the high-performance transducers and system will assist you to perform examinations more quickly and obtain more accurate diagnoses.

Flagship model-grade platform

The E-CUBE 8 LE has the same high-end hardware and software platform as used on the top model produced by Alpinion. The medical ultrasound performance of all models has been improved, ensuring the addition of the Dual pulser. When PowerView is enabled, the Doppler data can be displayed while maintaining sharp 2D images in Doppler and Combined modes.

Optimal Imaging Suite™ Plus

By combining Alpinion’s image optimization processing technologies, artifacts are eliminated more effectively, optimization between images is achieved more clearly, tissue textures are represented more vividly, and accurate data is stored.

Xpeed™

Simply press the Xpeed™ button once to quickly optimize images in 2D Mode and Spectrum Doppler Mode for Combined Mode.

USB 3.0 that allows you to focus more on providing patient care

The E-CUBE 8 LE uses a USB 3.0 port which reduces the transfer time when importing data, allowing you to focus more on patient care.

Battery that frees you from space restrictions

The combination of a compact exterior design and attached battery makes the E-CUBE 8 LE much easier to transport. You can use it for a different location with ease with PowerView without connecting the power cable.

Endovascular transducer holder that improves patient care quality

Featuring the long-distance transducer, you can obtain your view of the vessel on the side of the transducer, improving your view of the vessel on the side of the transducer with PowerView™ technology.

Optimal storage space

You can store various types of medical images and access them at the top of the control panel in the storage space, while a USB port located on the front allows a quick and convenient connection.

STT for quick examination preparation

The E-CUBE 8 LE uses a high-definition color bar. You can easily adjust the color bar according to examination circumstances.

User-oriented storage space

The Dual pulser, clear and accurate Doppler data can be displayed while maintaining sharp 2D images in Doppler and Combined modes.

Enhancement of Clinical Capabilities

By providing premium-grade diagnostic software tools, it broadens the application range of ultrasound examination and ensures accurate diagnoses.

Auto NT

When you draw a circle, a box, or a line, the automated measurement process will be automatically performed. The measurements will be measured automatically and displayed on the screen. Measurements will be measured automatically and displayed on the screen.

Auto IMT

When you draw a circle in the area where the Intima-Media thickness is to be measured, the thickness will be measured automatically and displayed on the screen. Measurements will be measured automatically and displayed on the screen.

Needle Vision™ Plus

Using bone-echo removing technology, this feature is useful in ultrasound-guided procedures. The needle can be viewed more clearly by adjusting the beam angle in three steps, which enables easy and accurate navigation.

Elastography

Elastography intuitively shows the relative stiffness in tissue clearly in a variety of ways. Realistic volume images can be produced more accurately, leading to quick and more accurate diagnoses.

CUBE Strain™

This is a non-stress measurement method that shows the differences in tissue elasticity caused by external pressure or stress. The indication for strain elastography is shown according to the scale of the stress level. Applying the E-CUBE 8 LE’s improved Volume Rendering technology, the needle can be viewed more clearly by adjusting the beam angle in three steps, which enables easy and accurate navigation.

Live HQ

With the improved Volume Rendering technology, the image contrast can now be improved further in a wide variety of clinical situations. The tomographic volume images can be displayed with transparency, which leads to quick and more accurate diagnoses, and helps you create a bridge between the patient and the ultrasound technician.