ALPINION promises to provide these three values to customers.

We are Ultrasound Professionals
The E-CUBE 7 delivers compact and powerful image performance for a fast and confident clinical decision, a smart-software package for multiple applications, and design ergonomics to maximize space efficiency and mobility.

Embedded with ALPINION’s core imaging technology and imaging platform, the E-CUBE 7 provides clinicians with excellent 2D, Color Flow, CW/PW Doppler performance. The high-quality transducers of the E-CUBE 7, designed and developed by ALPINION, enhance the imaging performance of the E-CUBE 7. The E-CUBE 7 is the only system in its class that provides high featured transducers like single crystal convex and phased array. The smart and intuitive application software and features of the E-CUBE 7 empower clinicians to make diagnostic decisions with confidence.

ALPINION’s proprietary acoustic technologies generate refined signals that perfectly match impedance with the system.

The E-CUBE 7’s advanced transducer portfolio is enhanced by acoustic technologies such as Crystal Signature™, ALPINION’s unique single crystal technology. ALPINION’s core imaging technologies process and refine signals under a flexible and reliable FleXcan™ Architecture imaging platform that guarantees uniform image quality.

Sophisticated post-processing imaging technology set, Optimal Imaging Suite™ provides high-quality image performance.

**Transducer**

- ALPINION’s acoustic technology combined transducer set
  - Crystal Signature™: ALPINION’s unique single crystal technology
  - SensitView™: ALPINION’s integrated acoustic technology for high resolution images
  - MicroFit™: ALPINION’s ergonomic design technology for excellent grip and lightweight transducers

**System Hardware**

- FleXcan™ Architecture: ALPINION’s innovative flexible software driven imaging platform for system stability and easy upgrades with minimum hardware changes
- Connectivity
  - DICOM 3.0 standard, MPPS and Modality work list
  - Excellent storage capability
  - Optimal storage formats (USB, CD/DVD and network storage connections)

**Software**

- Optimal Imaging Suite™: ALPINION’s core imaging technology set (SCI, FTHI, FCI, SRI and FullSRI™)
- Volume Master™: ALPINION’s lucrative 3D/4D engine for routine OB/GYN exams
- Live HQ™
- Xpeed™: One touch auto optimization for 2D, Color and Doppler
- Needle Vision™: Auto IMT
- Stress Echo: Auto trace PW, CW
- Anatomical M-mode: Tissue Doppler Imaging

**Slim & Powerful**

ALPINION’s proprietary acoustic technologies generate refined signals that perfectly match impedance with the system.

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Sophisticated post-processing imaging technology set, Optimal Imaging Suite™ provides high-quality image performance.
Optimized Solutions for Multiple Applications

The smart software and features empower clinicians to make diagnostic decisions with confidence. The E-CUBE 7's excellent image quality and fast workflow enhance diagnostic efficiency and productivity through a wide range of applications. The E-CUBE 7 is the All-in-One Solution you need.

General Imaging

- High resolution abdominal images from a single crystal convex transducer
- Single crystal transducers with deep penetration and high sensitivity (SPS-5, SPS-8)
- Pencil transducers for cardiac and vascular exams (CW2.0, CW5.0)
- Excellent CW, PW Doppler performance
- Full measurement echo package and CV tool

Cardiology

- High-performance Stress Echo and TDI for cardiac exams
- High-performance linear transducer set (L3-6, L3-12, L3-12H, L8-17)
- Excellent linear image performance for accurate PNA procedure and needle injection
- Application dedicated software and single crystal transducer (SC1-6)
- 60 mm wide linear transducer for breast exams (L3-12H)
- Auto trace PW, CW
- Auto IMT

Musculoskeletal

- Volume Master™, ALPINION’s lucrative 3D/4D engine for advanced OB/GYN exams
- Umbilical Cord
- Supraspinatus
- Needle Vision™
- Pancreas
- Gestational sac and Yolk sac

OB/GYN

- Volume Master™, ALPINION’s lucrative 3D/4D engine for advanced OB/GYN exams
- Umbilical Cord
- Live HQ™

- High-resolution abdominal images from a single crystal convex transducer
- Single crystal transducers with deep penetration and high sensitivity (SPS-5, SPS-8)
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- Auto trace PW, CW
- Auto IMT

- Volume Master™, ALPINION’s lucrative 3D/4D engine for advanced OB/GYN exams
- Umbilical Cord
- Live HQ™
Compact & Optimal Space Solutions

The E-CUBE 7’s lightweight and slim design provides the best fit for limited spaces and excellent mobility. The design ergonomics maximize space efficiency and mobility for daily practices.

Slim Design with Efficient Workflow

The E-CUBE 7 is designed for user convenience and efficient space utilization that provides excellent mobility and portability. The E-CUBE 7 enables rapid diagnosis through highly efficient automatic features that simplify the workflow process.

- Dimension: 1,355 - 1,425 X 509 X 670mm (H x W x D)
- Weight: 57kg

High Quality Transducers

ALPINION’s uniform and fundamentally excellent image performance is the result of an unique and proprietary acoustic technology. The E-CUBE 7’s high quality transducers provide clinicians with high definition image, excellent grip, easy contact and reliable performance.

**Linear**

- L8-17
- L3-12H
- L3-12H<sup>+</sup>
- L3-12
- L3-8

**Convex**

- SC1-6
- C1-6
- C5-8N
- VC1-6

**Phased Array**

- SP1-5
- SP3-8

**Endocavity**

- EC3-10
- EV3-10
- IQ3-12

**Pencil type**

- CW 2.0
- CW 5.0

**Volume Convex**

- Wide linear array (60mm)
- High-density linear array
- Low frequency linear array

**Others**

- Wide linear array
- High-density linear array

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