ALPINION MEDICAL SYSTEMS
We are Ultrasound Professionals

BPL ALPINION MEDICAL SYSTEMS

E-CUBE 15 PLATINUM

Quality in your daily practice



BPL

Happier Living Everyday

BPL PROMISE
A BPL Medical Technologies Magazine

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E-CUBE 15 Platinum

Quality in Your Daily Practice

In fast paced medical environments, there is an increasing demand among medical practitioners for ultrasound diagnostic systems that offer accuracy in diagnosis and is convenient to use. E-CUBE 15 Platinum is a high performing diagnostic ultrasound system developed through focused customer oriented research.

E-CUBE 15 offers a sophisticated UI (User Interface) and ergonomics that adds value to your daily practice. Powerful architecture combined with exceptional performance enhances your clinical diagnosis.



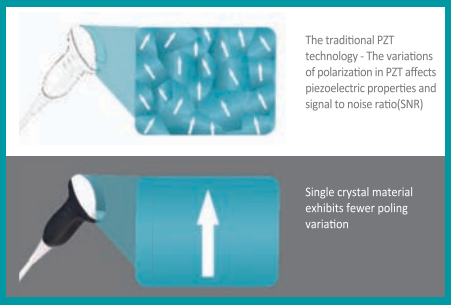

GA 27weeks
BABY
ALPINION
ECUBE

Excellence in **image quality**

helps you make clinical decisions with confidence.



Superb Image Quality



Crystal Signature™

Transducers powered with Alpinion's single crystal technology provide wide bandwidth and higher sensitivity resullting in superior image quality. The fewer poling variation in Single Crystal transducers maximize penetration to enable high-resolution imaging processes.



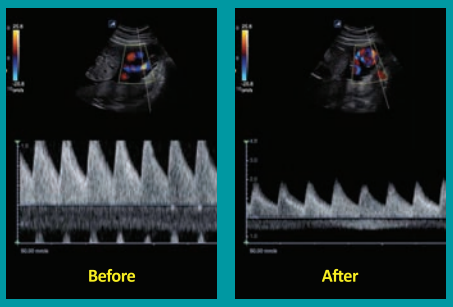
Enhanced Doppler performance

E-CUBE 15 Platinum deploys its new hardware to improve resolution, contrast, and uniformity of 2D images. The combined image optimizing algorithm, Optimal Imaging Suite™ Plus provides exceptional details, clearer border definition and a wider grayscale in tissue.



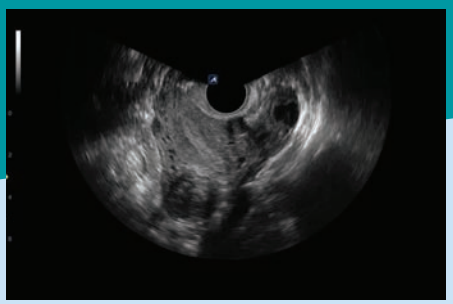
Write Zoom

The advancement of SW Beamforming performance improves the resolution and image pattern recognition of write zoom in 2D mode. With this enhanced zoom function, you can clearly visualise minute details such as fetal heart, IVSD, NT.



Advanced Xpeed™

Xpeed™ with the precision optimized technology enables E-CUBE 15 Platinum to detect and predict dynamic range levels in real time 2D and Spectral Doppler mode to provide one-touch optimization. The optimized clinical images with low noise levels and faster processing speed up your daily practice providing you clinical confidence.



Wide angle endovaginal transducer

The endovaginal transducers (EV3-10X / EC3-10X) provide wide angle FOV (Max. 230°) and high-resolution images to enhance accuracy and speed in diagnosis. The wide angle minimises transducer motion, thereby reducing patient discomfort.

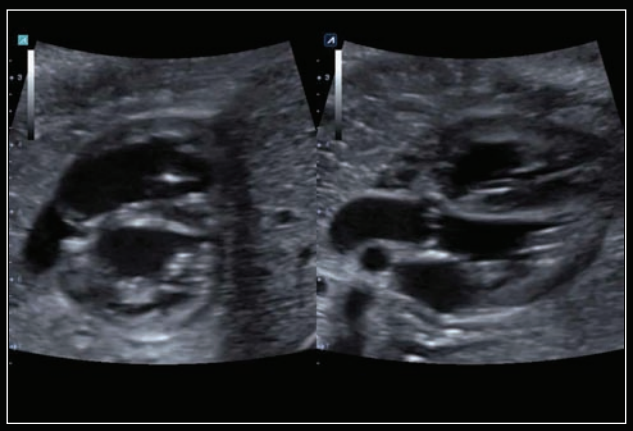
Quality Images
in Your Daily Practice



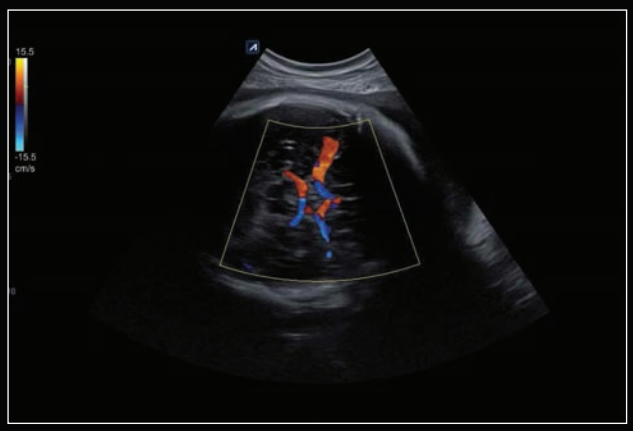
Umbilical artery



Fetus at 24 weeks



Write zoom fetal heart in Dual mode



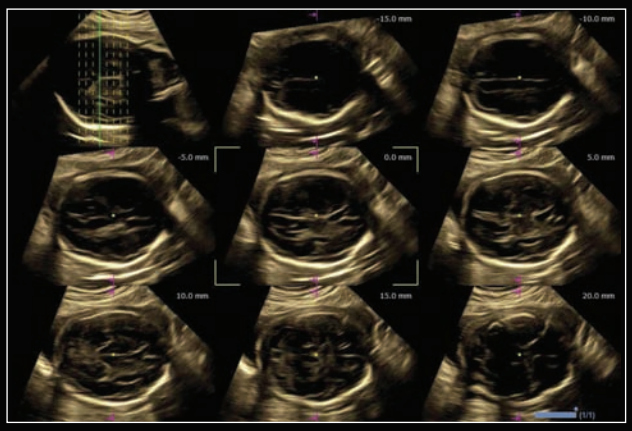
Middle cerebral artery



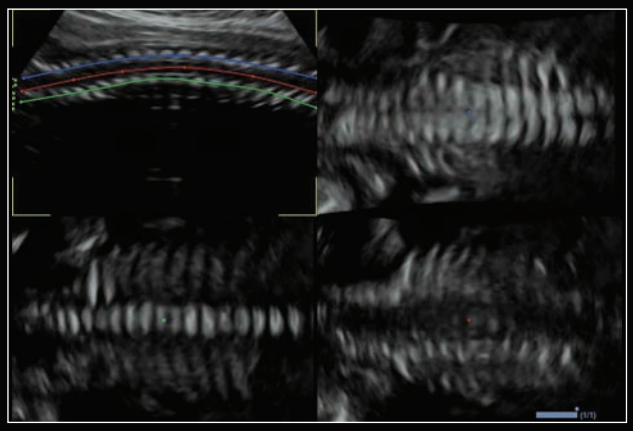
Hand of Fetus



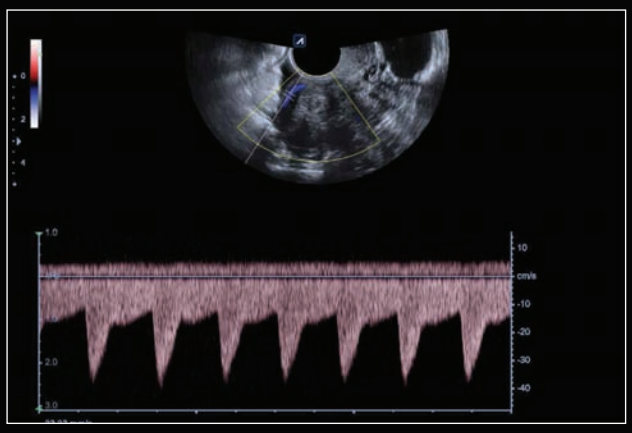
Fetus in 3D



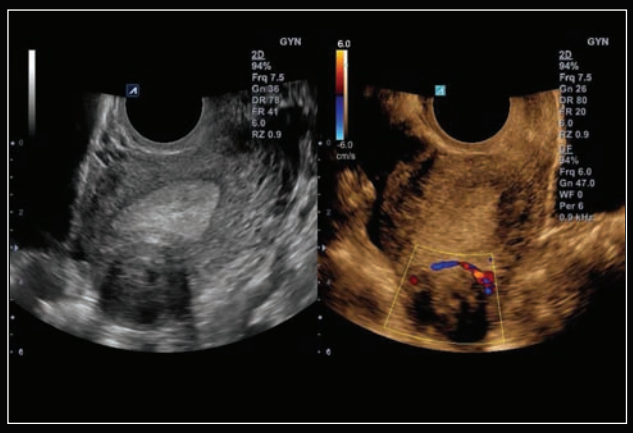
Fetal brain with Free Angle MSV (Volume Advance™)



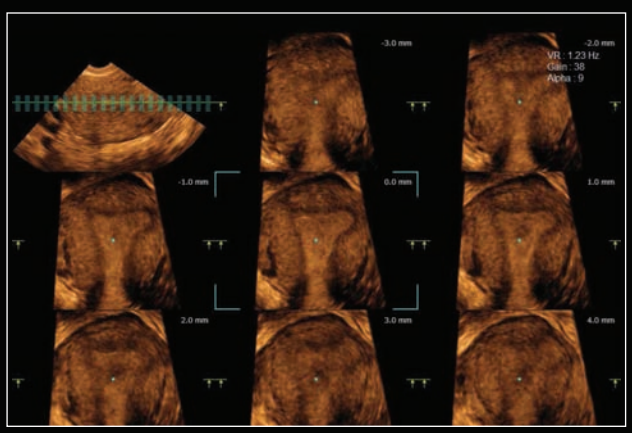
Fetal spine with AnySlice™ (Volume Advance™)



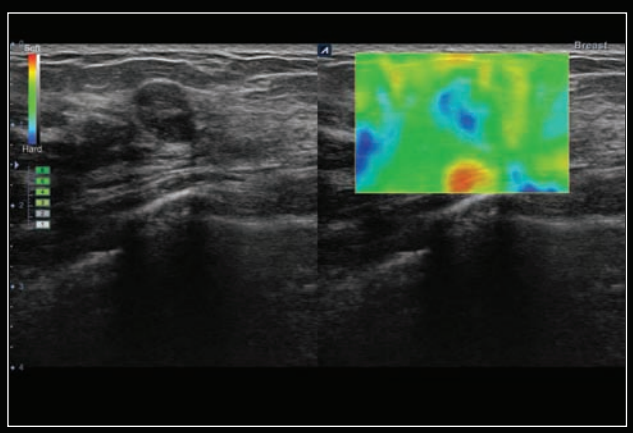
Uterine artery in PW



Uterine fibroid in Dual Live mode



Uterus with Free Angle MSV (Volume Advance™)



Breast with Elastography



Simplicity of system **design**

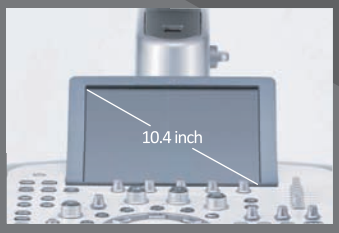
enhances your convenience in daily practice.

Ergonomic Design in Metallic Color: Grey or White



21.5-inch full HD LED monitor

High-resolution monitor(1920*1080 pixels) with IPS (In-Plane Switching) technology offers wider viewing angles and clearer, undistorted clinical images.



10.4-inch touchscreen

Convenience in workflow is drastically enhanced with combination of touchscreen, user-friendly UI and customizable presets.



Motorized-height adjustment of control panel

Hydraulic height adjustable control panel for convenience and ease of use.



Built-in gel warmer

Three level temperature control for enhanced patient comfort.



Articulating monitor arm

With the fully articulating monitor arm, users can freely place the monitor anywhere from the patient position. The monitor can move 140mm up and down, swivel +/-90° and tilt +15°/ -90°.



Transducer cable holders

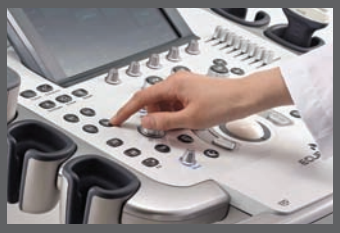
Four transducer cable holders are available to keep the transducer cables neatly organized.

Intuitive and Efficient User Experience



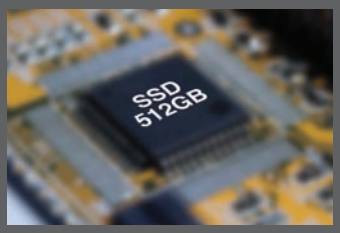
Advanced user interface with power preset

Quick preset selection to reduce keystrokes and enhance patient throughput.



User-friendly control panel

Six configurable keys arranged in an intuitive layout reduce the number of keystrokes and user fatigue, increasing the speed of examinations. The backlight of panel can also be adjusted as per the user environment.



Enhanced computing power

Powered by a 512 GB SSD memory, E-CUBE 15 offers high processing speed and utlra-short booting time ~ 53 seconds.



Simplicity of workflow **design**

improves quality of patient care in daily practice.



Enhanced Visualization



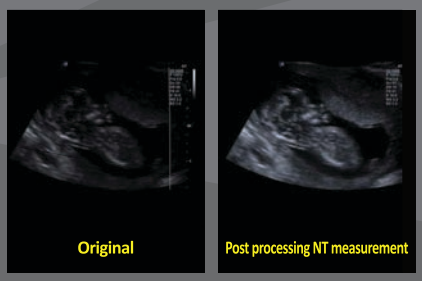
DPDI (Directional Power Doppler Imaging)

The technology brings improvement in delivering information related to direction of blood flow and sensitivity of Color Doppler in relatively slower blood flow(e.g. renal vessels, peripheral vessels and middle cerebral artery).



Live HQ™

The volume rendering technology allows free movement of the light source and an optimized color map which enables acquisition of more detailed information and realistic volume images. Live HQ™ enhances level of understanding in anatomical knowledge of fetus for diagnosis with accuracy and speed.



Raw data post processing

Raw data based image processing technology allows for adjustment of parameters and re-measurement even after initial diagnosis, whenever required.



Advancement of **technology**

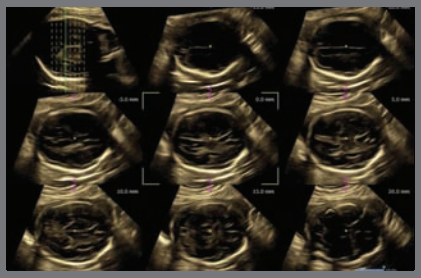
offers assistance in making informed decisions.

Intelligent Analysis Tools



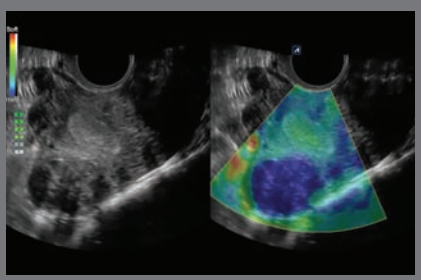
Auto NT

A semi-automatic tool to measure Nuchal Translucency in the first trimester, enabling more accurate and less user-dependent assessment.



Volume Advance™

In adition to the Volume Master™ (Multi Planar Rendering, Cube CT, Multi Slice View), Volume Advance™ provides advanced functions to handle volume data: Free Angle MSV, AnySlice™, and Volume Analysis, using which desired section can be sliced to display anatomical and pathological characteristics.



Elastography

Elastography reveals relative elasticity of tissues against external pressure. Pressure level on tissues can be monitored real time with an indication bar marked with a scale of one (1) to six (6) to enhance credibility of results.E-CUBE 15's qualitative and semi-quantitative packages provide useful clinical information and improved diagnostic confidence.

Transducers

Equipped with Single Crystal Technology, Crystal Signature™, E-CUBE 15 Platinum offers a wide range of transducers with ergonomic benefits that help achieve extraordinary images.

✻ A biopsy kit is available

Convex



SC1-6H ✻
High density single crystal
OB/GYN, Abdomen, Emergency Medicine (EM)



SC1-4H ✻
High density single crystal
Abdomen, OB/GYN, Emergency Medicine (EM)



SC1-4HS ✻
Wide angle high density single crystal
Abdomen, OB/GYN, Emergency Medicine (EM)

Volume Convex



SVC1-6H
High density single crystal volume
Abdomen, OB/GYN, Emergency Medicine (EM)

Linear



L8-17X ✻
Extreme high density, 58.2mm wide aperture
Breast, Musculoskeletal (MSK), Emergency Medicine (EM), Small Parts



L3-12X ✻
Extreme high density, 58.2mm wide aperture
Breast, Musculoskeletal (MSK), Emergency Medicine (EM), Small Parts



L3-12H ✻
High density
Breast, Musculoskeletal (MSK), Emergency Medicine (EM), Vascular, Small Parts



L3-8H ✻
High density low frequency
Vascular, Breast, Musculoskeletal (MSK), Emergency Medicine (EM), Small Parts, Appendix

IO8-17
High frequency hockey stick
Small Parts (Superficial), Musculoskeletal (MSK)

Endocavity



EV3-10X ✻
Extreme high density
OB/GYN, Urology, Emergency Medicine (EM)



EC3-10X ✻
Extreme high density
OB/GYN, Urology, Emergency Medicine (EM)

Volume Endo



VE3-10H ✻
High density volume endocavity
OB/GYN, Urology

Phased Array



MP1-5X
Multi-active layer
Abdomen, Cardiac, Emergency Medicine (EM)



SP3-8
Single crystal
Abdomen, Cardiac, Emergency Medicine (EM)

The confidence of **system**

We are committed to prioritize our customers who continue their efforts in swift and accurate diagnosis in everyday medical practices. Our major efforts include keeping high performance systems up to date; pursuing product design with high durability in multiple times of examinations; and aiming simplicity in software to ensure usability. We have been developing a variety of accessible service tools to keep our service standards high. Alpinion will value trust from customers and continue its commitment to paying close attention to voice of customers to develop and offer reliable products.



Convenient System Update

With Alpinion's unique imaging platform, FI-eXcan™ Pro Architecture, consistency in image quality and convenience in system upgrade have been made possible throughout entire product life cycle. All core elements of the diagnostic ultrasound system are software-base that customers are able to keep their system up to date with easy and speedy upgrades.

Smart Data Protection

E-CUBE 15 Platinum can store and protect patient information with its patient lock function. With the function, patient information can be protected against the accidental deletion. As users are able to manage patient information while diagnosis mode is on, E-CUBE 15 Platinum can protect important information against batch edit and/or deletion.

High Quality Transducers

Alpinion has developed its own transducers to manufacture in its own facilities. Ergonomically designed products use lightweight and flexible cables to reduce fatigue of users. Durable connectors and sturdy exterior materials are designed to assure convenience and durability in any environment. Furthermore, Alpinion operates its own maintenance and warranty service teams for prompt response to customers' request.

Extreme Accuracy
Efficient Workflow
Ergonomic Design

ALPINION promises to provide these three values to customers.
We are Ultrasound Professionals

E CUBE 15 PLATINUM

ALPINION MEDICAL SYSTEMS

Verdi Tower, 72, Digital-ro 26-gil, Guro-gu, Seoul, 152-848, Korea
Homepage www.alpinion.com
E-mail international@alpinion.com
TEL +82-2-3282-0900
FAX +82-2-851-5591

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BPL MEDICAL TECHNOLOGIES PRIVATE LIMITED

11th KM, Bannerghatta Road, Arakere, Bangalore - 560076
CIN U33110KA2012PTC067282
Phone +91 80 26484388/ 2648 4350
Toll Free 1800-425-2355
Website www.bplmedicaltechnologies.com
For Enquiries: sales.medical@bpl.in

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