



# prosound α6

**ALOKA**  
*illuminate the change*

## Performance Has Advanced to Be So Gentle

A technology to visualize invisible parts inside the body :

That's the resonance of "sound" and gentleness in which ALOKA excels.

ALOKA's diagnostic ultrasound systems are a fusion of passion and technology, and its ProSound series continues to lead the field in diagnostic imaging.

The ProSound *a6*, inheriting the technologies of the high - end models of the series, delivers outstanding image quality and versatility.

ALOKA, not complacent with existing performance, continually seeks to enhance gentleness.

To alleviate patients' unease with medical equipment,

— the system and the body are designed to be more compact and quieter.

To make the units comfortable to operate and enhance the efficiency of examination,

— the height adjustment mechanism of the operation panel ensures the optimum position for the examiner.

To be harmonious with society and the global environment,

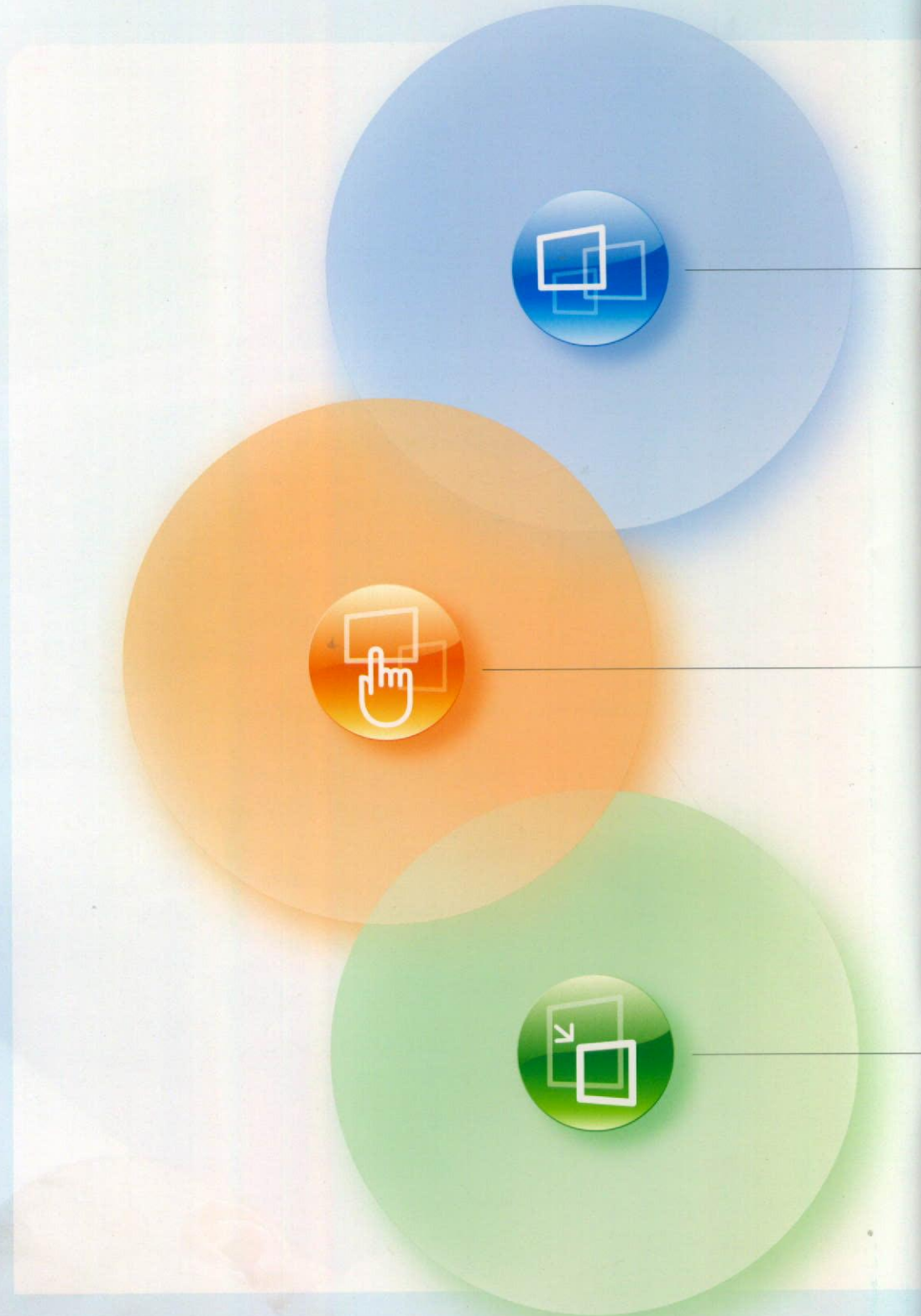
— we address the issues of energy and resource saving, recycling and non-use of specified toxic substances.

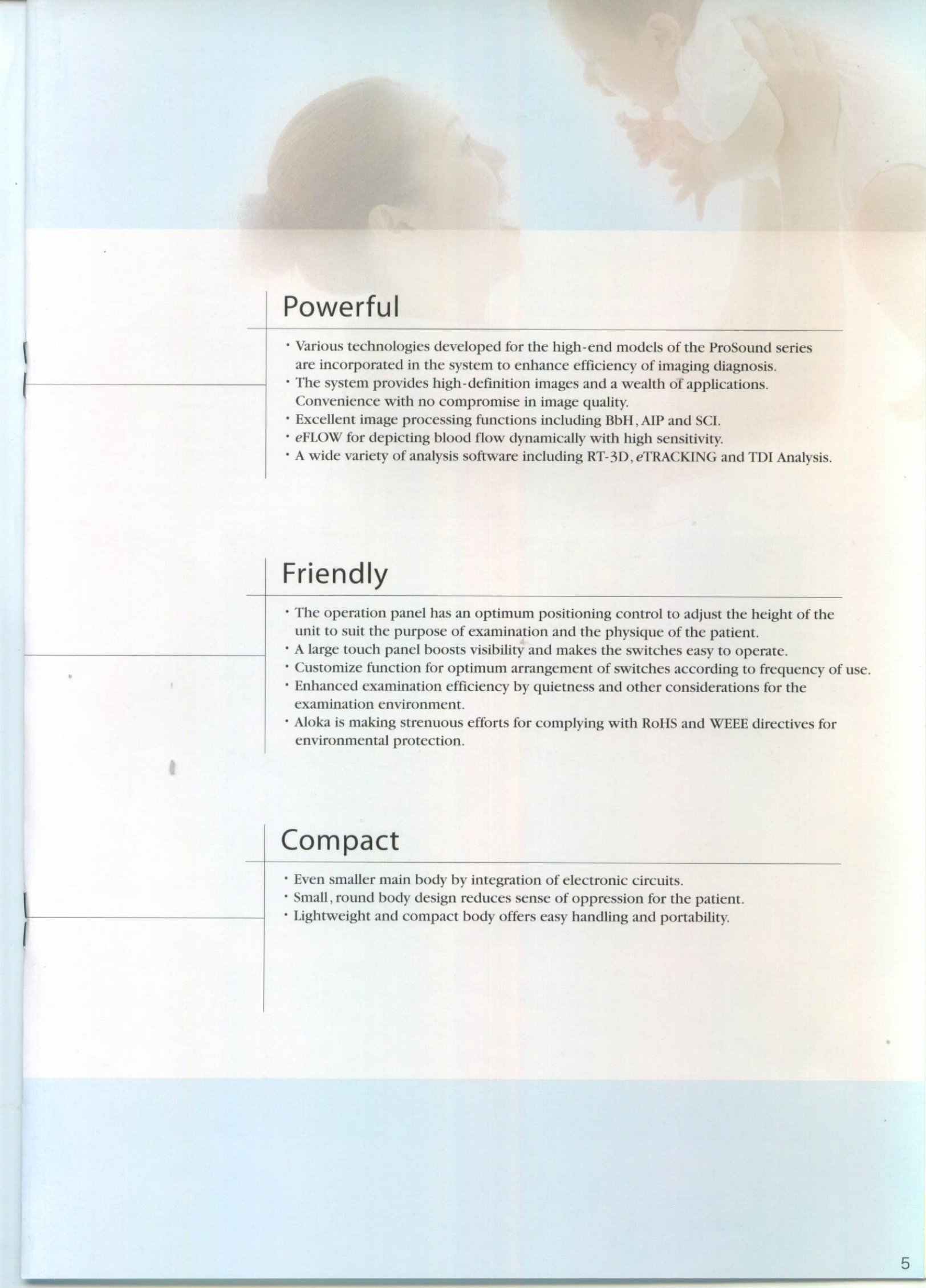
Gentle shape based on gentle "sound" leads to the future.

The ProSound *a6* now responds to all aspirations and feelings.



# Sophisticated Technologies, yet Easy to Use



A soft-focus photograph of a woman in profile looking at a baby who is leaning over her. The background is a light, warm color.

## Powerful

- Various technologies developed for the high-end models of the ProSound series are incorporated in the system to enhance efficiency of imaging diagnosis.
- The system provides high-definition images and a wealth of applications. Convenience with no compromise in image quality.
- Excellent image processing functions including BbH, AIP and SCI.
- eFLOW for depicting blood flow dynamically with high sensitivity.
- A wide variety of analysis software including RT-3D, eTRACKING and TDI Analysis.

## Friendly

- The operation panel has an optimum positioning control to adjust the height of the unit to suit the purpose of examination and the physique of the patient.
- A large touch panel boosts visibility and makes the switches easy to operate.
- Customize function for optimum arrangement of switches according to frequency of use.
- Enhanced examination efficiency by quietness and other considerations for the examination environment.
- Aloka is making strenuous efforts for complying with RoHS and WEEE directives for environmental protection.

## Compact

- Even smaller main body by integration of electronic circuits.
- Small, round body design reduces sense of oppression for the patient.
- Lightweight and compact body offers easy handling and portability.



# Comfortable Workflow and Functions Bring Out a Smile

## Broadband Harmonics (BbH)

High penetration and axial resolution are achieved at the same time. BbH reduces artifacts such as multiple echoes and side lobes and enhances imaging performance over the entire image.

## eFLOW

Spatial resolution is higher than the conventional blood flow display method, while optimized filtering reduces blooming. The system clearly displays information on blood flow, from large vessels to low speed and fine peripheral vessels such as at the fingertip.

## Image Optimizer

The brightness of B-mode images is instantly optimized. Images are displayed under the desired imaging conditions at the touch of a button. This frees the examiner from bothersome and frequent imaging adjustments during examination, resulting in more efficient examinations.

## Real-time 3D (4D)

The system smoothly shows the expressions of the fetus in more detail in Real-time 3D (4D) imaging. The dedicated probe is lightweight and compact, and is gently shaped to reduce the burden for both examiner and patient.



3D fetal image (13week)



3D fetal image (25week)



Fetal profile (25week)



IUD in the uterus by Transvaginal probe



Renal flow (eFLOW)



Fibroadenoma (Trapezoidal scan)



Diagnostic Ultrasound System MODEL : PROSOUND  $\alpha$ 6



ALOKA – An Environmentally Friendly Company

- The specifications, shape and color of this product are subject to change without notice.
- The standard components and optional items vary depending on the country.



We strive to provide quality products and services for our customers.

We operate with regard for the environment.



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