

**TOSHIBA**



*famio 8*

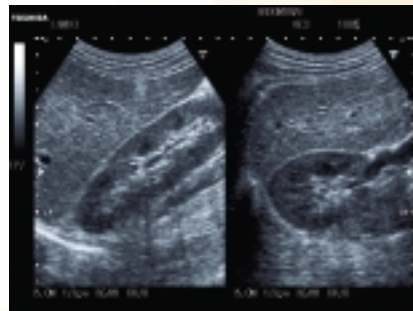
**SMART ULTRASOUND**



# THE LATEST ADVANCES IN ULTRASOUND IN ONE COMPACT, MOBILE SYSTEM



The new Famio 8 from Toshiba combines the latest advances in ultrasound into one compact, mobile, black and white system. As a result, it offers the kind of features you'd expect from a scanner intended for private practice and clinics: high performance, ease of use, mobility, advanced communication features and efficient workflow. With a full range of diagnostic capabilities, Famio 8 can be used for all major applications. From radiology, small parts, obstetrics and gynecology to internal medicine.





DESIGN  
TECHNOLOGY  
COMMUNICATION

# SMART TECHNOLOGY THAT ENHANCES PERFORMANCES

Because it's a next generation digital ultrasound system, Famio 8's smart technologies really boost performance. The digital continuous beamformer produces excellent image quality and data can be digitally filed for fast and easy retrieval. The system is designed in such a way that it is also prepared for future developments.

## SMART OPTIMIZATION AT YOUR FINGERTIPS



With Smart Optimization, Famio 8 enhances efficiency by giving you the best possible image quality at your fingertips. This quick and easy-to-use function combines eight parameters in one switch. It also offers an extensive number of freely programmable parameter combinations covering all scanning conditions.

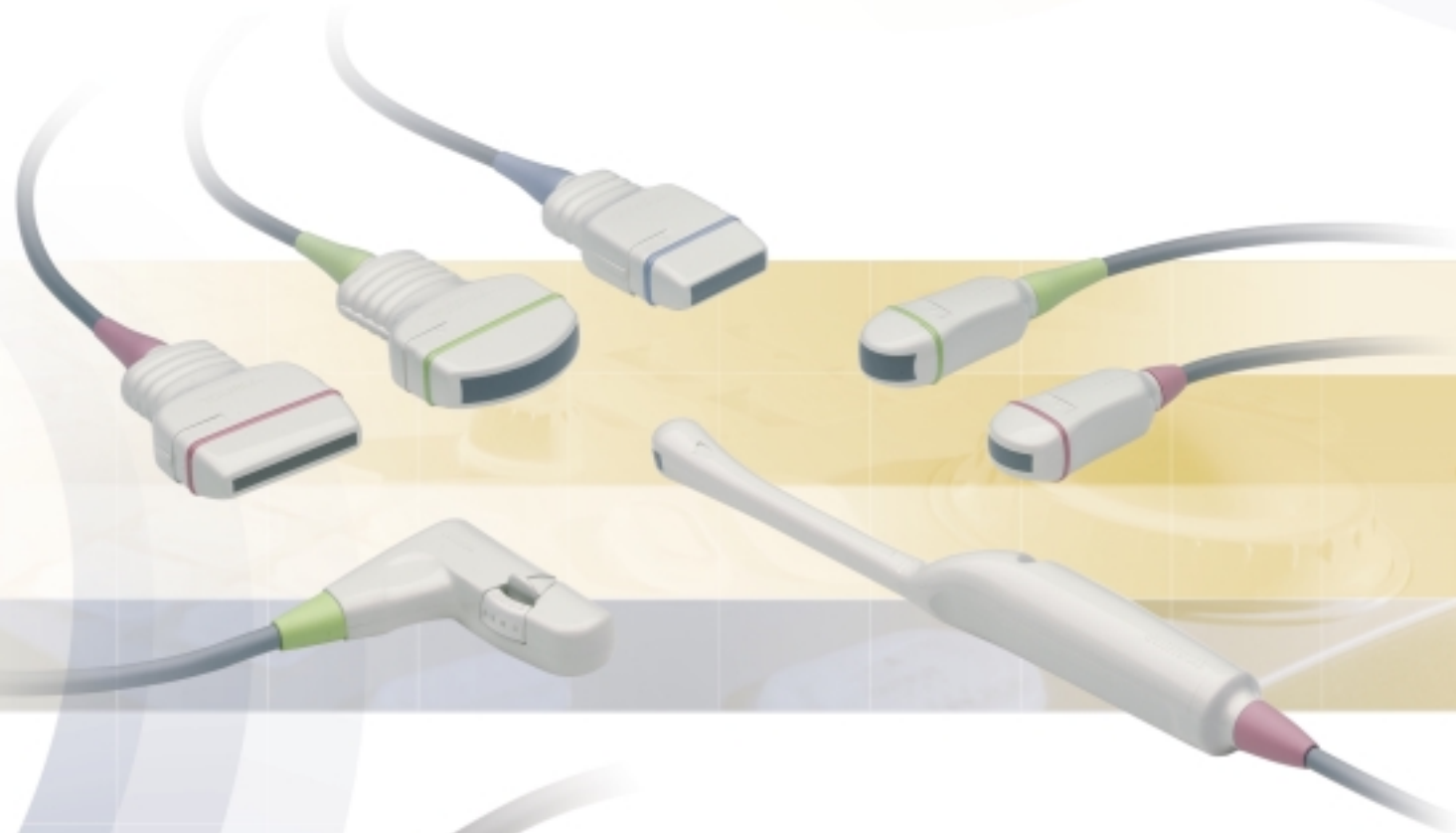
## TISSUE HARMONIC IMAGING FOR EXCELLENT IMAGE QUALITY

Tissue Harmonic Imaging is a standard feature of Famio 8. This leading-edge technology provides excellent contrast resolution and reduces artifacts to a minimum whilst maintaining penetration. Tissue Harmonic Imaging is particularly valuable with obese or otherwise difficult-to-scan patients.



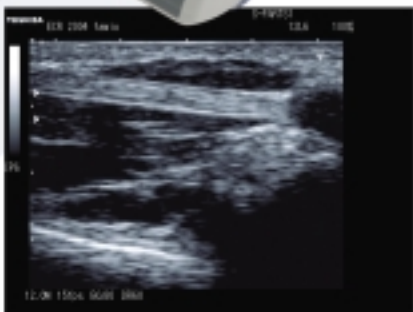
## LARGE IMAGE MEMORY FOR EFFICIENT ANALYSIS

Famio 8 is designed to facilitate quick and easy post-examination analysis. That's why it has an extensive image memory that stores large numbers of stills and cine loops for immediate retrieval. And as an added feature, zoom and image mode changes can be made with both frozen stills and loops.

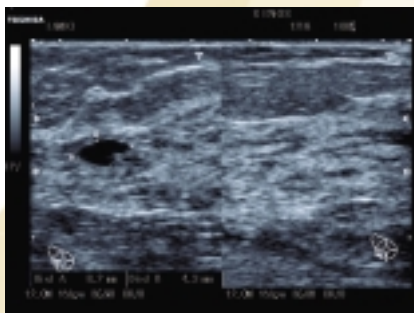


## NEW GENERATION TRANSDUCERS FOR OPTIMAL SENSITIVITY AND OPERATOR COMFORT

Famio 8 also includes a brand new generation of ergonomically designed transducers that cover all major applications. Each one has an extended bandwidth offering up to five selectable frequencies. The result is optimal sensitivity and resolution from near to far field in any clinical situation. Take the High Frequency Linear Transducer for example. With a very wide bandwidth of 8 - 14 MHz it's ideal for small parts imaging. Then there's the Endocavitary Transducer with a 140° field of view. And all of them have long, lightweight, flexible cables to reduce strain and increase operator comfort.



# SMART DESIGN THAT ENHANCES OPERATION



Famio 8 is ergonomically designed to enhance ease of use and efficiency. The large 14" high-definition monitor can be swivelled and tilted to provide the most comfortable position for the operator. The main panel has two height settings and is fully programmable so individual key functions can be adjusted to suit personal preferences and the needs of specific applications. A unique feature is that also the key tops can be customized according to personal preferences. And with its light-weight design, the system can be easily moved from one room to another or direct to a patient's bedside.



# SMART COMMUNICATION FEATURES THAT ENHANCE EFFICIENCY



Famio 8's advanced communication features streamline workflow. Image data can be stored on the integrated hard disk or CD-R. With unique DirectCine access, unconverted stills and cine loops from the image memory can be stored on the hard disk or CD-R for post measurement and off-line zoom. The actual image data can be reloaded back to the image memory at any time with no loss of quality. Reports can be printed direct to a PC printer. And an extensive measurement package is available for all major applications. The system is DICOM-compliant allowing seamless data transfer to other healthcare systems.



## **TOSHIBA MEDICAL SYSTEMS**

A high quality range of diagnostic systems, including ultrasound, has made Toshiba one of the world's leading suppliers of medical imaging tools. With a strong commitment to R&D, innovative technology is combined with a range of business services to produce total healthcare solutions. These advanced applications not only meet your most immediate clinical needs, they provide a solid foundation for a lifetime of diagnostic confidence.



**TOSHIBA MEDICAL  
SYSTEMS CORPORATION**

<http://www3.toshiba.co.jp/medical>

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Famio is used as system name of the SSA-530A.



Toshiba Medical Systems Corporation  
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for Quality Management System  
ISO 9001, ISO 13485.



Toshiba Nasu Operations meets the Environmental  
Management System standard, ISO 14001.

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