TOSHIBA

Nemio

Premium Compact

Made for Life

TOSHIBA CORPORATION
MEDICAL SYSTEMS COMPANY
http://www3.toshiba.co.jp/medical

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TÜV Rheinland
Toshiba Corporation Medical Systems Company meets internationally recognized standards for Quality Management System ISO 9001, ISO 13485, EN 46001.

ISO 14001 JACO NATIONAL ACCREDITATION OF CERTIFICATION BODIES
JAB EMS Accreditation RE 009
Toshiba Nasu Operations meets the Environmental Management System standard, ISO 14001.

Printed in Japan

Premium Compact

Meet the new standard in compact, high-performance ultrasound from the leader, Toshiba. Designed and engineered to meet the real-world requirements of busy hospitals and clinics, Nemio's ease of use and versatility gives you the ultimate in sophisticated ultrasound diagnostic imaging in a stylish, compact unit. That's why we call it the Premium Compact.

Premium Performance

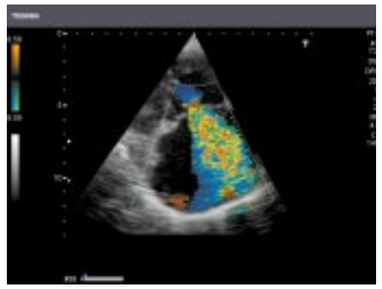
What is required for more accurate diagnosis? The answer is to increase the basic performance of the diagnostic ultrasound system. Employment of a fully digital platform has brought about excellent image quality and sensitivity.

High-contrast Resolution

Wide system dynamic range improves high-contrast resolution. Furthermore, the Tissue Harmonic Imaging (THI) technique provides vivid and sharp images.

Good Color Sensitivity

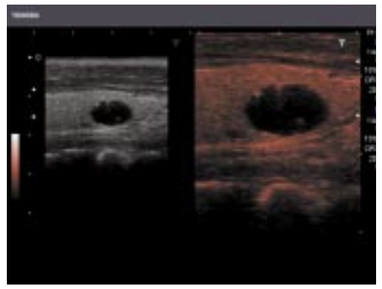
4-way Color technology permits fine and sharp observation of blood flow and allows accurate measurement of blood-flow waveforms.



TR, (MSR)

Read Zoom

Read Zoom magnifies the ROI of images being played back from image memory.



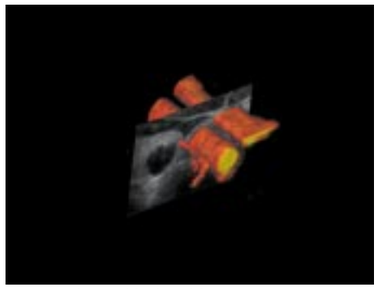
Thyroid cyst

QSP/PSP

Quad Signal Processing (QSP)/ Parallel Signal Processing (PSP) allows receipt of echoes from up to four directions in response to a single transmission pulse. This technique allows diagnosis with higher frame rates.

Fusion 3D

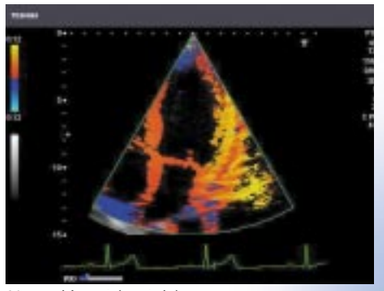
Toshiba's Fusion 3D, which provides 3-dimensional representations of B-mode cross-sectional images of tissues in combination with Power Angio images, is highly useful for tumor observation from all angles and for determination of the treatment.



CCA and JV with thyroid

TDI-Quantification

Tissue Doppler Imaging (TDI) for color display of myocardial dynamics and TDI-Quantification for quantitative evaluation of the results are both provided. Together, these two functions permit full-scale cardiovascular examinations.



Normal heart (systole)

Stress Echo

Easy-to-operate Stress Echo function, with multiscreen function, can be implemented.

Fetal 3D

Easy-to-operate Fetal 3D permits 3D images of the fetus to be displayed quickly.

Fetal face

Advanced Applications

Nemio allows use of the newest clinical applications, thus expanding diagnostic possibilities.

Panoramic View

Continuous ultrasound images acquired through linear movement of the transducer can be reconstructed into a single wide-field image for display.

Forearm

Flexible Workflow Concept

Nemio's flexible user interface allows customization of the layout of pop-up menu, B-mode/Doppler display, and switches, on the operating panel. In particular, the keytops on the operating panel can be replaced, allowing even further customization.

Operation panel customized for radiology examinations

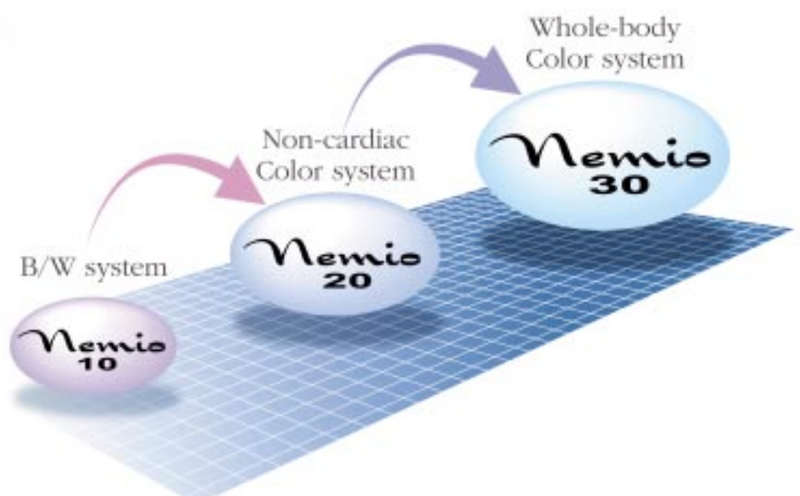
Operation panel customized for cardiology examinations

Flexibility

"Flexibility" is the keyword for Nemio, in meeting a wide variety of customer needs.

Scalable System

Nemio comes in three models: Nemio 10 as the B/W model; Nemio 20 as the color model for the abdomen; and Nemio 30 as the whole-body model for the cardiovascular system. This variety allows customers to select the most suitable model for their purpose. It is also possible to upgrade, from the Nemio 10 to Nemio 30.



Transducer Variety

Nemio comes with a wide variety of transducers, giving full play to its ability in many diagnostic fields including the cardiac system, general abdomen, urology system, obstetrics and gynecology, orthopedics, etc. Again, examinations at locations ranging from private practices to hospitals are supported by a number of clinical software applications.

Versatility

Nemio's system design is impressively versatile, allowing it to be used in all diagnostic fields.

Network

Nemio is provided with powerful DICOM software supporting most service classes. This provides greater opportunities for using an in-hospital network for systematic utilization of image information.