Now, Digital Color for All

B/W for all but the few who could afford color ultrasound. Until now, that is.

Medison is proud to introduce the SONOACE 6000C MT digital CFM ultrasound system.

Never before has color ultrasound been more affordable.

So affordable that you can now enjoy the benefits of color for about the same price

some of our competitors charge for their analogue B/W systems.

All with the same superior imaging technology and functionality Medison ultrasound systems

are known for worldwide.

SONOACE 6000C MT. Welcome to the world of affordable digital color imaging.

Digital COLOR MT

Millennium Technology

SA6000C MT

Digital Color

Newly Upgraded Function

- CAFE™ (Compound Automatic Flash Elimination)
- MagiCut™
- Bi-directional harmonic imaging
- 2M/4M CW probe
- User convenient 3-probe ports

Superior Imaging Technology

- 100% digital beamforming and processing
- Pixel-based focusing
- Dynamic digital apodisation
- ERIA™ digital scan conversion

Powerful Functionality

- SonoView™ Lite image management software option
- Power Doppler imaging
- FreeHand 3D™ Imaging
- DICOM Compatible

Ergonomic System Design

- PC-Like user interface with pop-up menus and online help
- Flicker-Free high-resolution 15-inch display
- Offset keyboard and adjustable display height/swivel

before ASIC

Advanced Digital from Beamforming to Scan Conversion

after ASIC

Digital Technology

Acquisition
- ¥ Digital Beamforming
- ¥ Pixel based focusing

Processing
- ¥ Dynamic Digital Apodisation
- ¥ Customized ASIC

Display
- ¥ ERIA (New Digital Scan Conversion)
- ¥ Flicker - free monitor

Direct Digital Image Management (SonoView™ Lite)

Join the Digital **Resolution Revolution**

Digital technology is an essential part of daily life. Your communications are digital.

Your entertainment is digital. And now your ultrasound should be digital, too.

Unlike some competing digital systems, Medison ultrasound systems are advanced digital-from beamforming to scan conversion-so they deliver the full benefits of digital technology.

The result? With SONOACE6000C MT, youÕll get crystal-clear high-resolution images thatÕll help you work faster and more effectively.

And thatÕs something your patients will appreciate even more than you do.

SONOACE6000C MT. Join the Medison digital resolution revolution in color.

SONOACE6000C MT

before CAFE™

A Wealth of Productivity - Enhancing Features

after CAFE™

The Smarter Way to Diagnose

In the final analysis, the ultrasound system you choose should help you reach diagnoses faster and more efficiently. And SONOACE 6000C MT excels at both.

In addition to the inherent benefits color Doppler imaging brings, the real-time write zoom gives a true zoom factor of 2.5x for close-up evaluation.

Acquisition enhancements include an optional 140° wide-angle transvaginal probe and multifrequency probe operation for added scanning flexibility.

Finally, Cine Memory holds up to maximum 128 frames in memory for instant variable-speed playback.

SONOACE 6000C MT. The smarter way to diagnose.

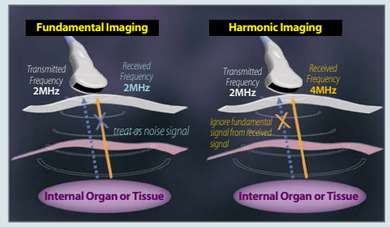
Digital COLOR MT

Quality Imaging

- **Bi-directional Harmonic Imaging**

  Bi-directional Harmonic Imaging enhances spatial resolution and contrast in the mid-field, and enables precise diagnosis of even the most difficult-to-image patients.

Before



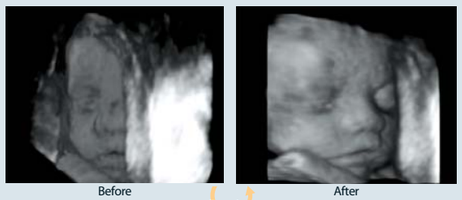
After

- **FreeHand 3D™ Imaging**

  FreeHand 3D™ Imaging technology of SONOACE 6000C MT offers realistic, freely- rotatable surface-rendered fetal images.

- **MagiCut™**

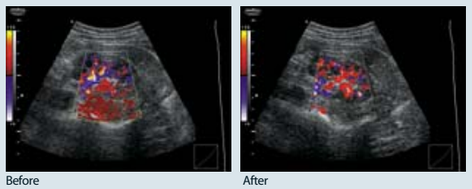
  MagiCut™, electronic editing software, allows the unwanted portions of the sliced image of 3D rendered image to be cut away.



Before Rotation After

- **CAFE™**

  CAFE™ provides mode-specific nonlinear filtering to eliminate the noise that occurs from flash artifact, and to deliver crystal-clear color-Doppler images.



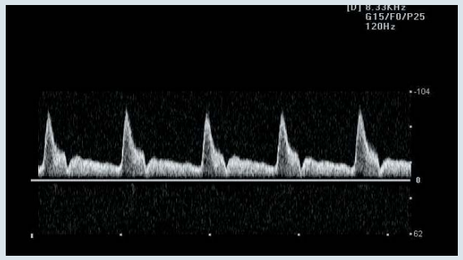
Before After

- **64-Frame Cine Memory (128-Frame optional)**

  Provides instant access to the last 64frames(expandable to 128 frames) scanned for closer analysis. Display options include one, four, or nine images per screen and variable-speed playback of any image.

- **CW Probe**

  With added two advanced probes, SONOACE 6000C MT offers a new level of high sensitivity, and delivers exceptionally superior image resolution up to high velocity in cardio vascular application



- **140° Wide-Angle Transvaginal Probe**

  The exceptionally wide 140° scanning angel of this probe makes transvaginal scans more accurate and convenient.

SONOACE 6000C MT

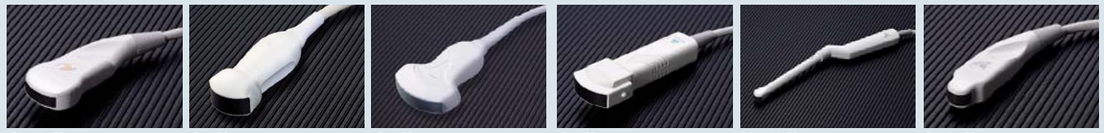
The Proof is in the Imaging

Multifrequency Probes

■ Linear Probes

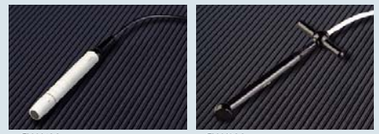
L5-9/60ED | LI5-9ER | L5-9EC

■ Convex probes



C2-4/30ED | C2-4ES | C3-7ED | C4-7ED | EC4-9/10ED | C4-9/10ED

■ CW Probes



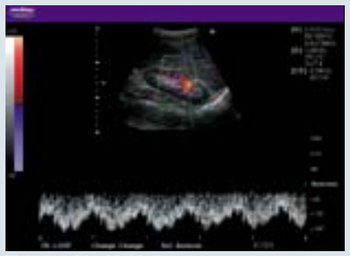
CW/4M | CW/2M

Crystal-Clear Digital Color Images

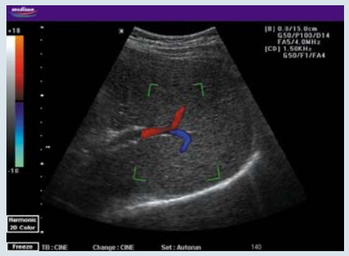
LIVER

ZOOMED LIVER

KIDNEY CANCER



TRIPLEX MODE OF KIDNEY



LIVER COLOR DOPPLER IMAGE

QUAD IMAGE DISPLAY OF KIDNEY

MEASUREMENT OF BPD AT 30 WEEKS

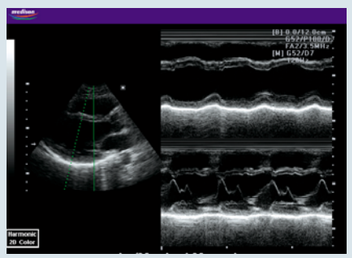
FETAL FEMUR

FETAL CIRCULATION

COLOR DOPPLER OF UMBILICAL CORD

3D IMAGE OF SLEEPING BABY

3D IMAGE OF FETAL FACE AT 29 WEEKS



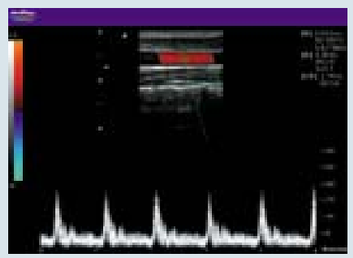
DUAL M-MODE OF LV AND MV

TRICUSPID VALVE REGURGITATION

THYROID IN DUAL MODE

ADENOMA COLOR DOPPLER IMAGE

JUGULAR VEIN & CAROTID ARTERY



TRIPLEX MODE OF CAROTID ARTERY

Specifications

Imaging Modes	■ Single operating modes 2-D Echo imaging - B, B/B modes M mode imaging - B/M, B/Dual-M modes Color Doppler imaging - B/C mode Power Doppler imaging - B/PD mode PW Doppler mode imaging - B/D mode ■ Combined operating modes B/C/D, B/C/M, B/D/M, B/PD/D, B/PD/M modes ■ Simultaneous/Update mode ■ ECG trigger mode (optional)
Gray Scale	■ 2-D Echo - 256 gray shades ■ Color/Power Doppler - 128 gray shades
Focusing	■ Digital Continuous Dynamic Focusing ■ Transmit focusing - Max. 8 points (4 points simultaneously selectable) ■ Digital Dynamic Aperture & Apodization
PC	■ CPU : Pentium ■ 2GB HDD, 1.44MB FDD
Monitor	■ VGA 15 inch
Speaker	■ Stereo sound for PW Doppler
Measurements	■ Caliper ■ OB measure ■ Doppler measure ■ Cardiology measure (optional)
Image Processing	■ Pre-processing TGC gain Acoustic power Dynamic range Triple Frequency ■ Post-processing Frame persistence & interpolation Gamma correction Windowing
Display	■ Top/Bottom display format ■ Image Apex ■ Scan direction ■ Negative Image Available ■ Real time focus zoom ■ Image view area control ■ Multi-view(1,4, or 9) & auto-run in CINE Display ■ CINE : 64 frames (basic)/128,256 frames (optional) ■ Loop : 1024 Lines
Functions	■ Image Filing (optional) Tele-radiology ■ DICOM (optional)
Peripheral Devices Support	■ VCR(VHS/S-VHS,NTSC/PAL) ■ Video page printer ■ Color video page printer ■ Patient monitor(optional) ■ Foot switch ■ Inkjet printer(HP850C, HP890C)
Physical Dimensions	■ 504(W) x 828(D) x 1361~1441(H) [mm] ■ 105.3 Kg(System with monitor)
Electrical Parameters	■ 110-120/ 200-240 Vac selectable ■ 8.0/4.0A 50/60 Hz
Probe Types	■ Linear Array L5-9/60ED L5-9ER L5-9EC ■ Concex Array C3-7ER C2-4/30ED C2-4ES C3-7ED C4-7ED EC4-9/10ED C4-9/10ED ■ CW Probes CW/4M CW/2M

* The specifications may be changed without notice.

■ **Distributor**

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DIGITAL COLOR

SONOACE 6000C MT

Affordable PC-based Digital CFM Ultrasound System

being digital