



# SMARTSONO®

Diagnostic Ultrasound System





METABIOMED CO.,LTD.



## Company Profile

**An Enterprise that exerts endless efforts**  
for the future based on value innovation and challenging spirit!

Year	Important Events
1990	Established METADENTAL CO.,LTD.
1999	Converted to corporation (METADENTAL CO.,LTD.)
2000	Established Baotou Meta corporation in China
2001	Changed company name to META-BIOMED CO.,LTD.
2004	Selected as excellent research institute (MEST)
2006	Expansion of Ochang Factory

Year	Important Events
2007	Selected as world best product (E & Q Master)
2008	Listed in KOSDAQ Established US corporation
2010	Established Japan Biomed in Tokyo, Japan
2011	Completion of Osong BioValley / moved in
2012	Acquired management right of Vegatech Co.,Ltd.



## Easy to Use

Simplified ergonomic controls ensure that physicians go beyond the physical exam while capturing quality images quickly and easily.

- Ergonomic design
- On screen menu : provides interactive interface
- 4 Transducer Connectors: provides more convenient choice



## SMARTSONO SYSTEM

Provides maximal usability with simplified ergonomic design



Front - Rear



Up - Down



Rotate

LCD monitor

Ergonomic keyboard

Connectors for peripheral Device

4 wheels swivel / 2-4 wheels lock



## Amazing Image Quality

SMARTSONO's unique image processing techniques with high frequency transducers ensure the high quality image which provide much more clear information and improved spatial and temporal resolution.

- Meta-IQET, Meta-MB
- Adaptive Imaging, Auto-Gain
- Broad band imaging with Digital Beamformer



## SMARTSONO SYSTEM

- B Mode
- M Mode
- Color Doppler
- Pulse Wave Doppler
- Tissue Harmonic Imaging

- \* Adaptive Imaging
- \* Meta-IQET Image Quality Enhancing Technology
- \* Meta-MB Multi-beam Imaging Technology
- \* Digital Beamformer



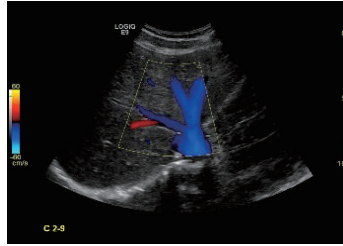
# Imaging performance with advanced features



## Abdomen



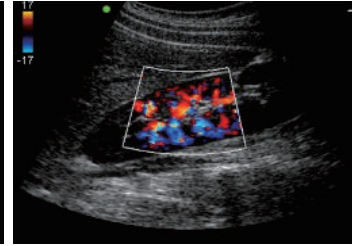
Liver & Kidney



Liver



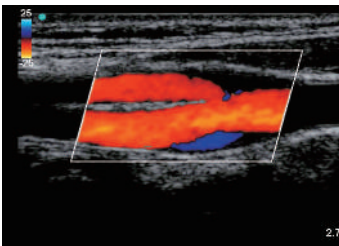
Gall bladder stone



Kidney color flow



## General Imaging & Small Parts



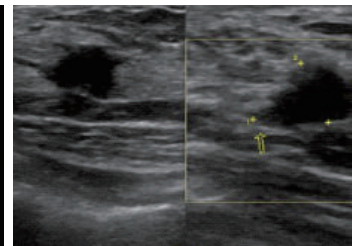
IMT



Thyroid



Heart



Breast



## Women's Health



Fetal Heart-24weeks



Fetal profile-24weeks



Early pregnancy Trans vaginal



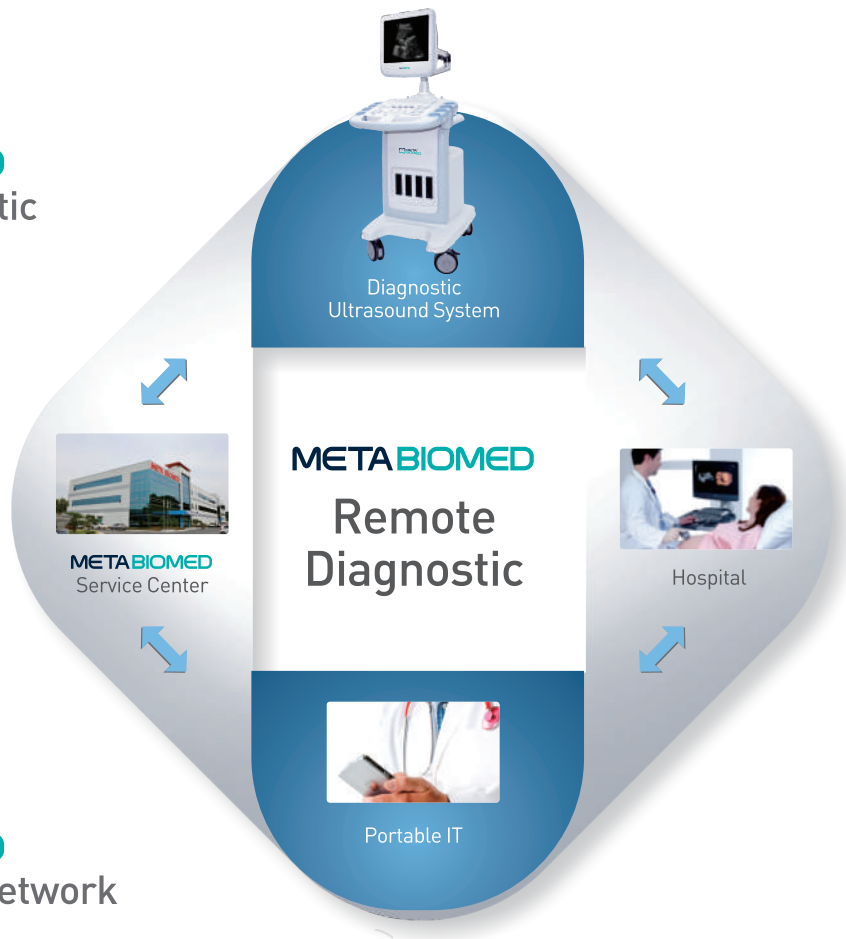
Fetal Face Rendering

# Integrate IT Technology



## METABIOMED Remote Diagnostic

- \* Remote Service
- \* Remote Control
- \* Remote Diagnostic



## METABIOMED Global Service Network

● Branch Office





## SMARTSONO SYSTEM

SmartSONO SYSTEM provides a full complement of Quick-change, lightweight transducers covering all of your imaging needs.

### System Specification

- \* Full Digital Color Doppler Ultrasound
- \* DICOM Protocol Support
- \* Embedded OS ; Windows
- \* Power : 50/60Hz, AC 100V~240V, 250VA
- \* Size : 1580mmH X 527mmW X 870mmL
- \* Weight : 87kg

### Imaging Modes and Processing

- \* Broadband multi-frequency imaging
- \* Imaging Processing
  - Tissue Harmonic Imaging
  - Image Review & Save
  - Cine Display & Save
  - Real Time Image Zoom
  - Image Inversion

### Measurement Tools

- \* Conventional measurement
- \* Special measurement
- \* OB/GYN measurement
- \* Cardiac Measurement
- \* Small Organ Measurement

### Applications

Abdomen, Small parts, OB/GYN, Urology, Vascular, Musculoskeletal, Orthopedics, Cardiology, Breast, Pediatrics



META<sup>®</sup>  
BIOMED





**Diamond Quality**  
**Gold Service**  
**Silver Price**

MetaBiomed deliver high quality imaging technologies on a system that is reliable, durable and easy to use.



#### Head Quarter

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