

# DC-70

Ultrasound System



quality exams at your fingertips

**mindray**

# DC-70 Ultrasound System

*Mindray's new DC-70 delivers...*

**Diagnostic Confidence**

**Workflow Efficiency**

**Practice Productivity**

*through advanced imaging technology  
and innovative design.*



## Innovative technology

Quality exams with exceptional imaging, innovative technology and workflow efficiency, is what sets the DC-70 apart. The DC-70 incorporates an optimum balance of advanced technologies to provide quality imaging and productivity.

High performance transducers, powered by Mindray's patented 3T Technology and echo-enriched beamformer technology, coupled with smart algorithms such as Echo Boost, second generation HR Flow and user-friendly workflow related functions, allow the DC-70 to address challenges faced daily in OB practices.

### 3T Transducer Technology™

Mindray's unique transducer technology widens the imaging bandwidth and increases transmission efficiency with:

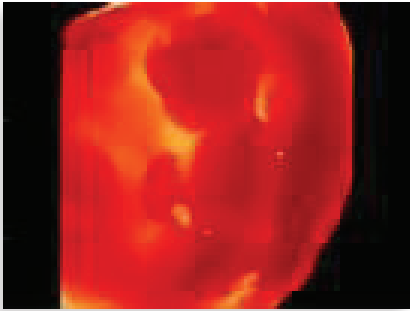
- Triple-matching layer design for higher sensitivity, wider bandwidth, and improved signal-to-noise ratio
- Total-cut design for lower cross-talk noise, improved directivity, and improved lateral resolution
- Thermal-control design for improved acoustic transmission and higher signal-to-noise ratio

### Echo-enriched Beamformer

Improved "out-of-focus" image resolution and penetration by utilizing traditional echo of adjacent beams and forming one finer and stronger imaging beam.

# Obstetrics and Gynecology

Productive departments and practices require ultrasound systems that provide dedicated technology to enhance ease-of-use, increase workflow efficiency, and improve reliability. Systems should also offer a comprehensive range of solutions for routine OB/GYN exams. Equipped with rich features, including iLive, SmartOB, Smart NT and iPage, the DC-70 provides advanced functions for the quality ultrasound imaging essential in women's healthcare.



14-week fetus with iLive



22-week fetus with iLive

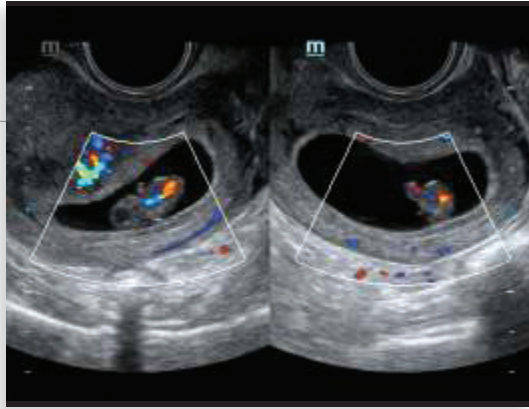
## **iLive™ exceptionally realistic views of the fetus**

Integrating traditional casting algorithms with a new virtual lighting modality, iLive generates amazingly realistic views of the fetus with human “skin-like” images.

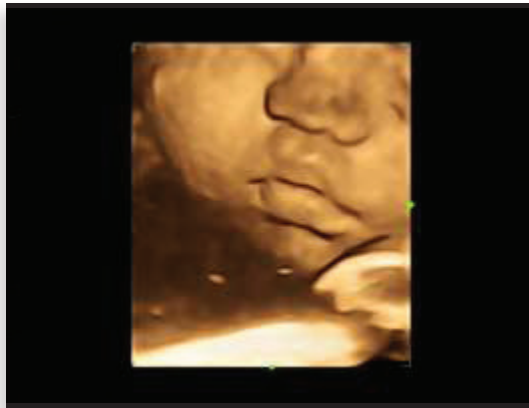


## **SmartOB™ auto measurement enhances productivity**

Obtain accurate auto measurements of the most frequent OB measurements, including BPD/HC/FL/AC/OFD – all with a single click. Smart NT and Smart V allow you to measure NT and irregular volumes automatically.



Gestational sac



3D nasal and lip



Shunt via foramen ovale



Hydrocephalic

## Workflow efficiency promotes productivity

### Gesture Sensitive Touchscreen

Touch enabled response improves workflow and increases productivity. Scroll through images, shift an image to and from the main monitor, zoom in/out, measure and activate specific user-defined functions with intuitive gestures on the 10.4" touchscreen.

### MedSight™

DC-70 transfers clinical images and cine to iOS or Android powered smart devices via an interactive app. Expectant mothers can now easily share images with family and friends. The MedSight app may also be used to facilitate a training session or a discussion with peers on a challenging case. MedSight transports the clinical examination wherever needed.

### MedTouch™

The MedTouch app provides a remote way to control the ultrasound system, and access patient data via an Android device. The built-in tutorial minimizes the user learning curve.

### iWorks™

Built-in standard scan protocols can reduce exam time up to 50%. The highly flexible feature is further enhanced with customizable user-defined capabilities.



# Ergonomic design



19" LED monitor with articulating arm



10.4" gesture sensitive touchscreen with adjustable angle

Gel warmer (optional)



Dedicated endocavity transducer holder

Rotatable and height adjustable control panel



USB 3.0 port (100 MB/s)

Detachable transducer holders



Cable management



Connector for four active transducers

Foot rest





- Mindray Global Offices
- ⊙ Mindray R&D / Mfg Operations

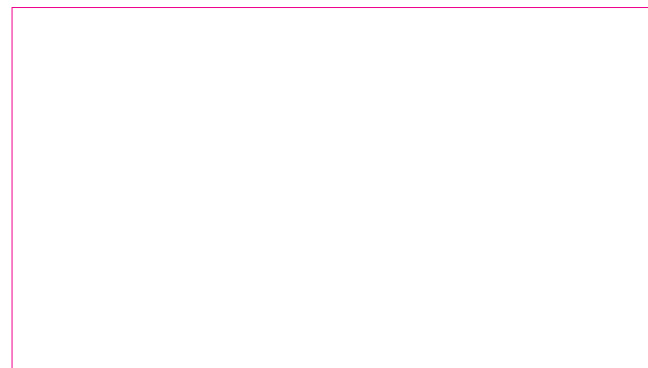
Mindray is a global medical device business with three established segments: Patient Monitoring and Life Support Products, Medical Imaging Systems, and *In-Vitro* Diagnostic Products. With more than 10,000 employees and R&D centers on three continents, we offer the medical community a range of innovative solutions designed to ensure the highest quality of care, while containing costs.

Learn how we can help you maximize your resources, with some of the most advanced and cost effective solutions in the industry.

For more information about Mindray products and services, visit [www.mindray.com](http://www.mindray.com).



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