

**Z50**Diagnostic Ultrasound System









With the ultimate combination of high performance, comprehensive clinical applications, and integrated design, the Z50 will help you respond more rapidly and effectively in primary healthcare. Switching from a Black & White system to a highly efficient Color Doppler system has now been made easier and simpler than ever before, making it possible to reach beyond boundaries and transcend the ordinary when it comes to patient care.

## Wide range of application packages

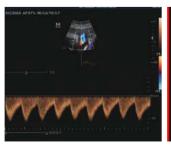
- Scanning modes: B, Color, PW, Power, M
- Transducer variety: Convex, Linear, Micro-convex, Endocavity, 4D volume
- Applications: ABD/OB/GYN/SML/URO/VAS/ORTH/MSK/NERVE and more

## Application tools for simplicity and productivity

- 3D/4D imaging
- iLive: Realistic view of the fetus with human skin-like images
- Smart Face: Intelligently remove obstacles and eliminate noise for fetal face
- Smart OB: Accurate auto measurements for fetal parameters
- Auto IMT package: Automatic measurement for Intima-Media Thickness
- iScape™ View: Realtime panoramic imaging









3D of Fetal face

## Streamlined workflow for high efficiency

- iTouch: Quick image optimization with one-click
- iZoom: Instant full screen zoom with one-click
- iStation: Patient database review and analysis platform
- iStorage: Direct data transfer to PC
- Multiple image formats: BMP, JPG, DCM, AVI, DCM, CIN

## **Experience with high mobility**

- Integrated design with internal AC power adapter
- 15 inch full screen design
- 60 degree tilting angle adjustable monitor
- Max 3 universal transducer connectors
- 500GB hard disk for large patient data storage
- 1.5h duration time with rechargeable battery
- Can be packed in a convenient hand-carry bag for easy transportation







60 degree tilting angle adjustable monitor



transducer connectors



Hand-carried bag





PW of Umbilical Artery