

# **LOGIQ Book**

*High Performance Hand-carried Ultrasound*



**GE Medical Systems**  
Ultrasound

[gemedical.com](http://gemedical.com)

**LOGIQ Book**

*Performance*



# *imaging in a hand-carried scanner*



The LOGIQ Book hand-carried ultrasound system delivers the convenience and versatility of a hand-carried system with the performance expected from GE ultrasound technology.

LOGIQ Book is the newest member of the LOGIQ family of ultrasound scanners. Like its full-size relatives – LOGIQ 9, LOGIQ 7 and LOGIQ 5 – the LOGIQ Book is based on GE's advanced TruScan Architecture. It delivers the same functionality, raw data processing and archival options found on every LOGIQ scanner, except now in an ultra-portable design.

As with the rest of the LOGIQ family, LOGIQ Book is complemented by the unmatched support and investment security that only a world leader in diagnostic imaging can provide.

***LOGIQ Book with TruScan Architecture is loaded with high-end features:***

## ***SmartScan***

- Automatic Optimization minimizes operator-dependent variability to improve image quality, examination consistency and overall productivity
- Easy3D makes out-of-plane imaging simple
- Calculation packages for OB, gynecology, vascular, renal and real-time auto Doppler applications
- Image archive stores over 4,000 images or cine loops

## ***ComfortScan***

- Integrated 10.3 inch, high-resolution, color LCD for easy viewing and accurate diagnostic interpretation
- Common LOGIQ family user interface

## ***TruAccess***

- Images are stored with raw data allowing the application of real-time scanning techniques to stored images
- TruAccess data is stored in a DICOM format that enables images and information to be shared with other scanners, workstations and archives

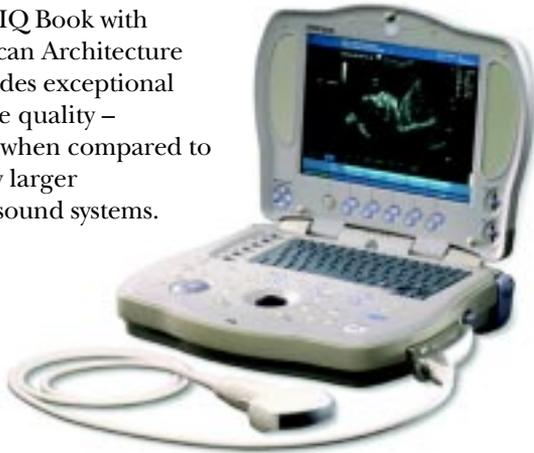
## ***TruScan Architecture***



***Software-intensive TruScan Architecture delivers unsurpassed computational power, image processing capabilities, workflow flexibility and upgradeability***

# LOGIQ Book

LOGIQ Book with TruScan Architecture provides exceptional image quality – even when compared to many larger ultrasound systems.



Combined with high-performance transducers, LOGIQ Book brings the convenience of hand-carried ultrasound to a wide range of clinical applications.



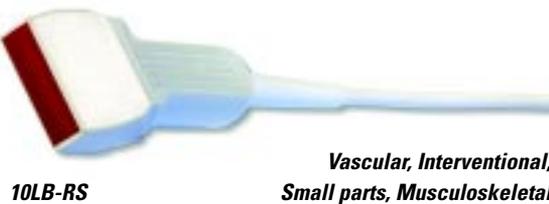
**3C-RS**

**Abdominal, OB/GYN**



**8C-RS**

**Pediatrics, Neonatal**



**10LB-RS**

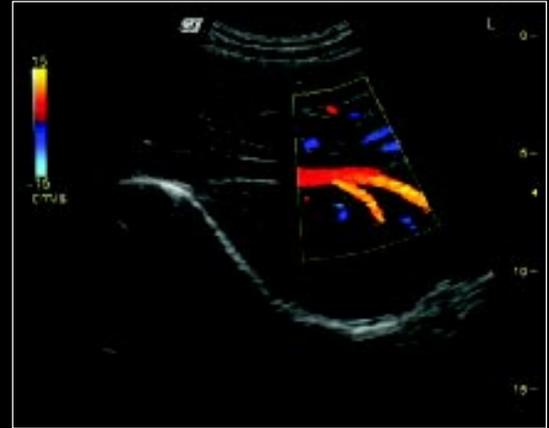
**Vascular, Interventional,  
Small parts, Musculoskeletal**



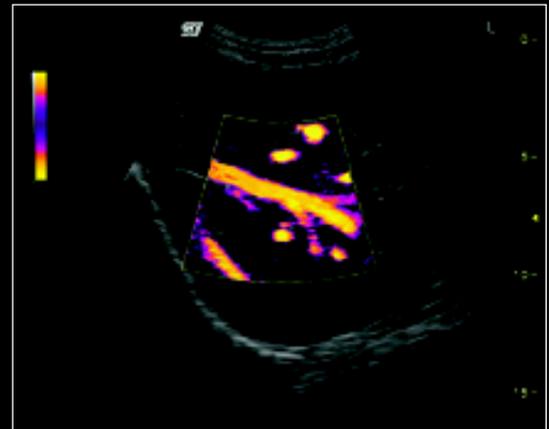
**E8C-RS**

**OB/GYN**

# Best in class in



**Color Doppler flow within normal liver**

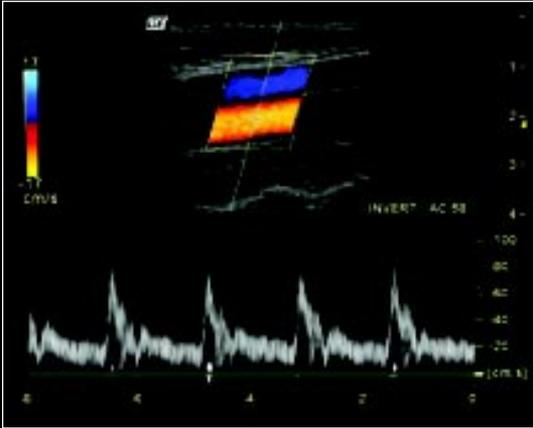


**Power Doppler Imaging (PDI) showing normal liver flow**

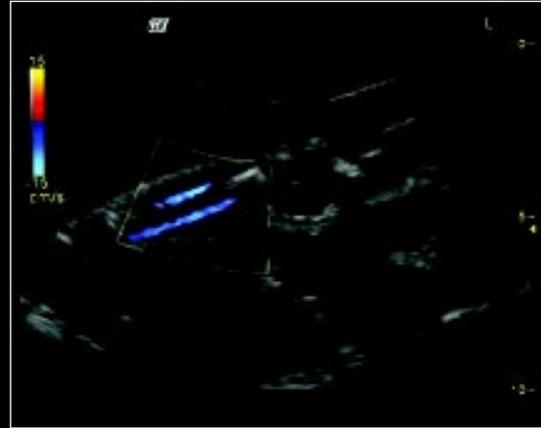


**Gallbladder sludge with sludge ball**

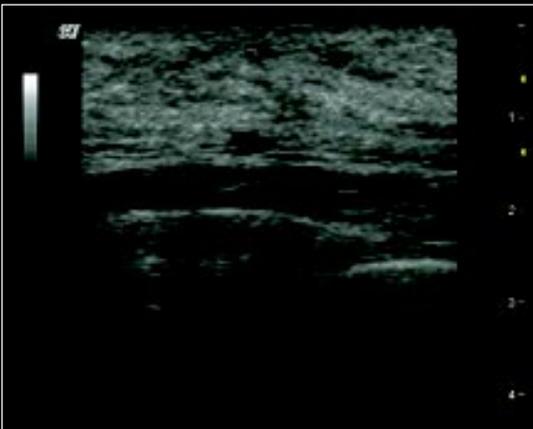
# *image quality, world class versatility*



**Color Doppler of carotid artery with Spectral Doppler display**



**27-week fetal tibial artery flow – illustrating Color Doppler sensitivity**



**Multiple focal zones used to image a benign breast cyst in a 30-year old woman**



**30-week fetal umbilical cord flow**

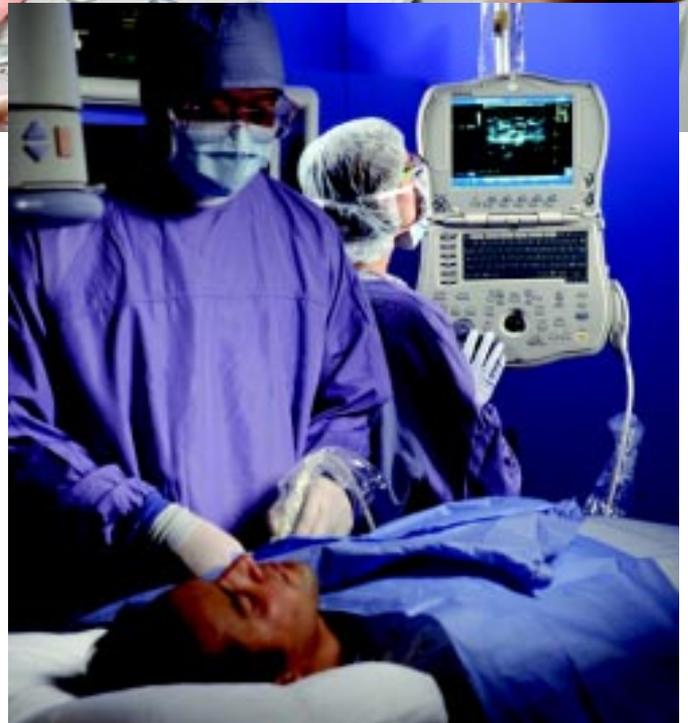


**25-week fetal adrenal gland demonstrating small structure definition**



**Color Doppler flow of adult kidney**

*Ultraportable design removes constraints*



**LOGIQ Book**

# Benefits of traditional ultrasound systems

LOGIQ Book's hand-carried design allows the power of advanced ultrasound imaging to be deployed throughout the healthcare facility and beyond.

Transported by hand or by cart, the LOGIQ Book can be taken to the patient bedside, emergency department, surgery suite, clinic or wherever ultrasound imaging is required.

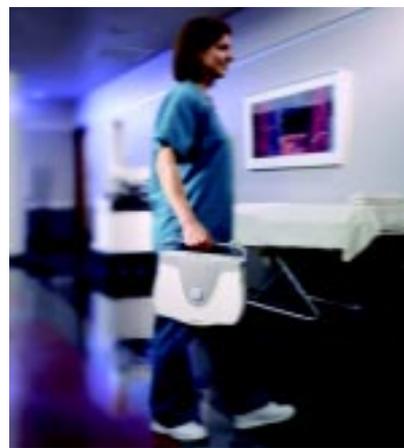
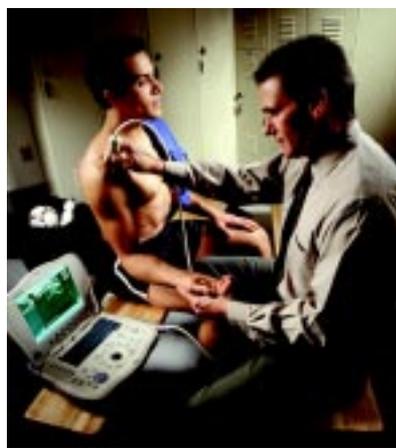
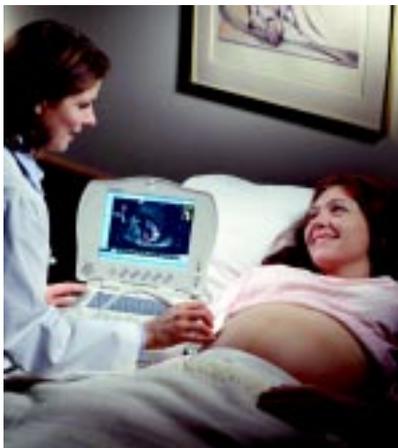
Extended-life batteries provide up to one hour of continuous scanning or five hours in Stand-by mode. System boot-up from Stand-by is less than 10 seconds, so there is never a delay when you need to conduct an urgent examination.

LOGIQ Book incorporates DICOM compliant wireless LAN – enabling connectivity on the go.



*Easy-to-use clips secure LOGIQ Book to its cart*

*Custom, ergonomic cart with integrated printer tray, and gel and transducer holders*



# Hand-carried ultrasound redefined



## ***Innovations backed by complete support.***

LOGIQ Book is another example of the constant stream of innovations from the scientists, engineers and sonographers at GE Medical System's Ultrasound business – innovations that provide the superb image quality, clinical utility and department-wide productivity that you demand.

***World-class support*** – Like all of our imaging systems, LOGIQ Book is backed by the world-class service, financing, applications training and continuing education that GE customers have long appreciated.

***Unsurpassed quality*** – You have the assurance of knowing that your GE equipment is the product of Six Sigma processes, a philosophy of quality in the design and manufacture of our products that allows us to meet your most exacting performance and reliability expectations.

***Investment security*** – GE Medical Systems is a world leader in diagnostic imaging products and support. For more than 100 years, healthcare providers worldwide have relied on GE for imaging technology, services and productivity solutions. No matter what challenges your healthcare enterprise faces, you can always count on GE to help you deliver exceptional care.

***Ask your GE representative for all the latest details or visit our website today – [www.gemedical.com](http://www.gemedical.com)***



***GE Medical Systems***  
*We bring good things to life.*

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# **LOGIQ Book**

*High-end Ultrasound Goes Portable*



**GE Medical Systems**  
Ultrasound

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