

GE Healthcare

LOGIQ 200 Pro Series

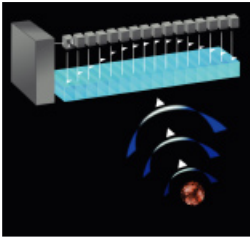
DIGITAL ULTRASOUND SYSTEM



PROfessionalism: offering you superior image quality

ADVANCED WAVE SHAPING: CONSISTENTLY EXCELLENT IMAGE QUALITY

Our exclusive wave-shaping technology maintains transmit and receive accuracy to improve signal-to-noise ratio, penetration and contrast resolution. Digital shaping of the transmitted acoustic wave also improves spatial resolution.



DIGITAL BEAMFORMER: UNIFORM RESOLUTION

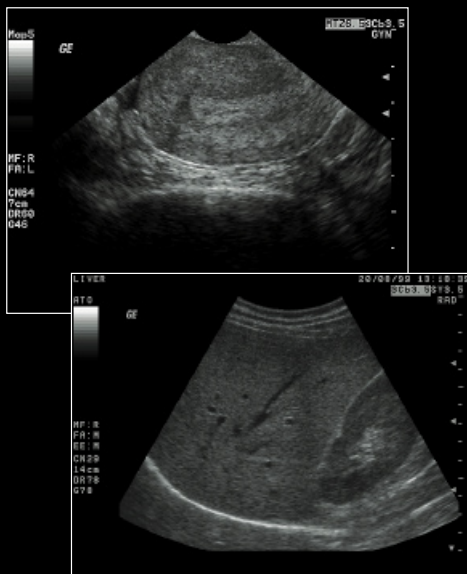
The LOGIQ 200 PRO's high-precision, programmable digital beamformer digitizes echoes at the individual crystal level to help ensure uniform lateral, axial and temporal resolution from near-field to far-field. Dynamic receive focusing continuously compensates for the temporal differences of the returned signals to further enhance image quality.

WIDEBAND TRANSDUCERS: IMPROVED PENETRATION

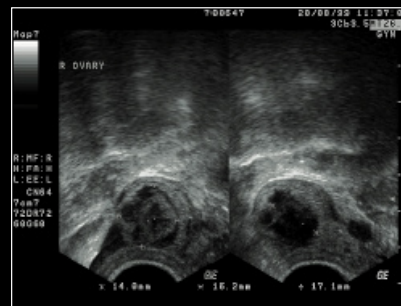
MR Technology expands the dynamic range for better contrast sensitivity. It also enables wideband transducer technology, for increased resolution and penetration as well as greater diagnostic confidence.

HIGH-RESOLUTION DISPLAY: THE BEST POSSIBLE VIEW

A larger, 12-inch monitor offers non-interlaced, flicker-free display. Its 256-gray scale architecture helps ensure excellent resolution, while the availability of 10 gray maps and dual map control streamlines diagnosis.



The homogeneous resolution in all penetration depths takes diagnostic confidence to a new level, as seen in this parenchyma.



Detailed display of the ovaries using the 6,5 MHz transvaginal probe.



Homogeneous focusing of the image in the near and far field by using the Digital Beamformer, which continuously compensates the time differences of the reflected signals software-controlled and with the highest precision

PROductivity: saving your staff valuable time

AUTOMATIC TISSUE OPTIMIZATION: JUST TOUCH A BUTTON

Another GE exclusive, Automatic Tissue Optimization (ATO) automatically adjusts the imaging parameters to display the optimal image quality for the tissue type being imaged - for every patient, every exam, every operator. Auto Optimization is not a series of presets. Instead, the system's Adaptive Processing uses actual image data to perform an instantaneous analysis of the anatomy of interest, and then applies the optimum parameters.

PICTURE-IN-PICTURE: A FRAME OF REFERENCE

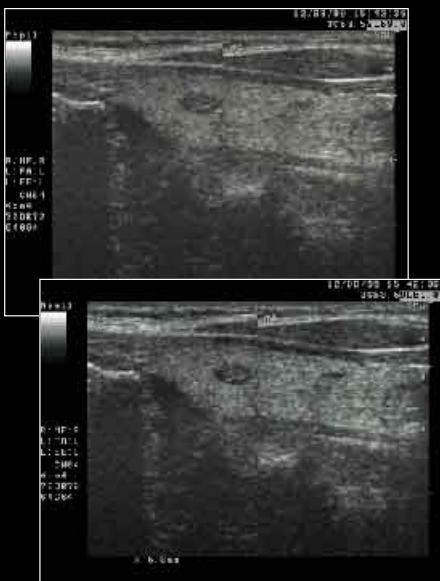
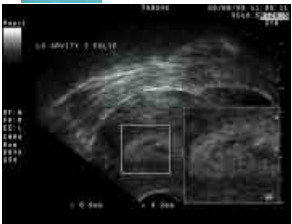
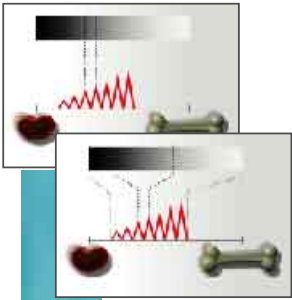
With Live Picture-in-Picture (PiP), you can zoom in on any region of interest without losing sight of the original image. That means you can maintain your frame of reference in real time while taking a close look at the anatomy under study, saving valuable time in the process.

EXPANDED REPORTING: FASTER DIAGNOSES

The LOGIQ 200 PRO's reporting capabilities are extensive, covering everything from trending to faster serial report page printing. It even offers multi-gestation in OB and follicular reporting in gyn.

PORTABLE AND READY TO SCAN: MORE TIME FOR PATIENTS

The LOGIQ 200 PRO is compact enough to be moved quickly from location to location, including patients' rooms. And once you get there, it's ready for use in just seconds. Even changing probes is ultra-fast—just switch and scan. That means you can spend less time on set-up, more time on the personal side of patient care.



Auto Optimization provides an improved visualization of lesions.



The parasternal longitudinal scan in the M-mode demonstrates an excellent diagnostic possibility in cardiology provided by the sector phased array probe.



ATO enables the optimisation of image characteristics by means of online computer analysis of image data - by simply one press of a button.

PROgress: Helping you stay on the leading edge

BREAKTHROUGH TECHNOLOGIES: MIGRATING ADVANCES ACROSS THE LINE

GE Ultrasound is committed to developing annual technological breakthroughs and migrating them across the LOGIQ PRO Series line. And the PRO Series' digital system architecture helps ensure that these updates will be fast, easy and highly affordable, to make your return on investment secure.

DIGITAL IMAGE MANAGEMENT: LARGE-CAPACITY, ONBOARD MOD

With the LOGIQ 200 PRO, you can now archive images via an onboard Magnetic Optical Disc (MOD) accommodating up to 1800 images. That means unprecedented cost-efficiency, without any compromise in the reliability you need to safeguard critical patient data.



DIGITAL BEAMFORMER: GATEWAY TO THE FUTURE

The technological heart of the LOGIQ 200 PRO Series is the high precision Digital Beamformer. It offers not only superior imaging today, but also the potential for accommodating new technologies in the future. The result: exceptional system flexibility, and ongoing access to advanced applications that will further enhance your diagnostic confidence.



Picture-in-picture display of a frontal scan.



Digital archiving of images on MOD - the most modern, best in quality and safest way of storage, cost-efficient and easy to use.

Harness the power of PROfessionalism, PROductivity and PROgress

Introducing the LOGIQ 200 PRO Series - designed to provide you with precisely the capabilities you need. The LOGIQ 200 PRO deliver consistently excellent image quality, extraordinary ease of use and access to the technologies of the future. Our goal: enhancing your diagnostic confidence and productivity while helping you achieve a superb return on your investment in advanced ultrasound technology.



PRO GE Ultrasound

The LOGIQ 200 PRO Series is just one more example of the breakthroughs evolving regularly from the scientists and clinicians at GE Ultrasound - breakthroughs designed to provide you with unmatched image quality and diagnostic confidence. With unprecedented productivity tools for department-wide productivity. And with a clearly defined upgrade path to help you stay affordably at the forefront of ultrasound technology.



imagination at work

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04-8702 6/05 Printed in China