

DGH 8000 B-Scan Scanmate

The DGH Technology, Inc. Scanmate B-Scan (DGH8000) uses the most advanced ultrasound technology available. The Scanmate is a self-contained, portable, multiple mode ultrasound imaging system. When interfaced with virtually any computer* via a USB 2.0 port, the Scanmate produces high quality images at a very affordable price.

The user friendly and intuitive software is quick and easy. The Scanmate user can rapidly obtain high resolution video loops and still images with clear, sharp details. Post processing of the images includes playback, gain adjustment, contrast and image intensity variation, zoom without distortion, and distance measurements with dual digital calipers. All these features help provide a better diagnosis and improve the quality of patient care.

The Scanmates exclusive report creation system effectively documents all patient exams. A single click enables a report template software program to create, edit, and save reports with images, patient information, diagnosis, and comments.

Each Scanmate is delivered in a protective, custom die cut carrying case with a probe holder, a CD which includes installation software and a complete operating manual, a quick start guide, and coupling gel.

Features

Portable, affordable full function B-Scan

Probe design is cutting edge. Signal processing in hand piece and digital data transfer results in clear, sharp images.

High resolution images with over 2000 samples per line; 0.015 mm inherent electronic resolution.

Zoom control enhances diagnostic capability. Images can be enlarged while maintaining high, undistorted resolution.

Exclusive DGH toolbar is very intuitive and user-friendly. It has separate icons for initiating new exams, capturing screen snapshots, creating reports, or reviewing exams.

Post processing of images for optimal diagnostic capability: TGC controls; near, mid, and far ranges, and contrast and image intensity controls.

Unique report generation template simplifies the documentation of exams. Documents can be printed, or transferred via [paperless office](#) or email.

Electronic measurement capability with dual digital calipers. Measurements are repeatable to greater than 99% accuracy for purposes of chronological comparison.

Predefined, custom scan settings based on the image being obtained can be saved for later recall.

Adjustable probe pulse power improves ultrasonic penetration capability.

Full motion video loops for seamlessly viewing real-time and captured screen scans.

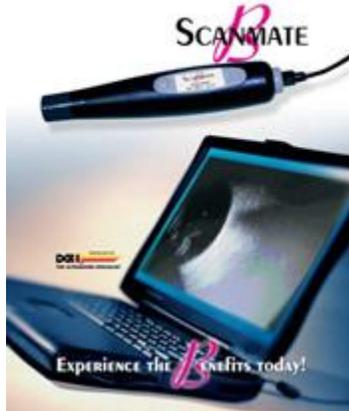
Patient based file storage is virtually unlimited, limited only by your hardware.

Quick and simple to use software is intuitive and user-friendly. Using the four page quick start guide, you can begin taking B-scans in minutes without struggling with a cumbersome operating manual.

Free software updates protect your [investment](#); no need to worry about paying for the latest software.



Technical Specifications



Sector Scan Angle: 60 [degrees](#)

Resolution: Electronic, 0.015 mm; Clinical, <0.1 mm

Gray Scale: True 256 shades of gray

Cineloop Sequence: Adjustable to 512 frames or 34 seconds

Interface: Standard USB 2.0

Transducer Frequency: 12 MHz and 15 MHz

Depth Selections: 3 cm, 6 cm (12 MHz); 5 cm, 10 cm (15 MHz)

**Computer not included*

Physical Specifications

Probe Size: Length 7.0(17.8 cm) x Diameter 1.25(3.2 cm)

Probe Weight: 6 ounces (170 grams)

Cable Length/Connector: 6 feet (1.83m) / USB

Computer requirements: Windows XP or Windows Vista operating system with one available USB 2.0 port