

DP-50 Expert

Ultrasound System



Performance. Flexibility. Mobility.



Outstanding imaging performance in a compact design

The DP-50 Expert is an innovative, high-performance Ultrasound System, engineered to help you get the insights you need. The System's powerful engine and high-speed processing provide outstanding image quality and a complete information management solution. The insightful design caters to a wide range of clinical applications including abdomen, urology, OB/GYN, small parts, emergency, orthopedics, endocavity, and interventional medicine.

Evaluating patients in today's demanding environment requires innovative technology that enables clinicians to make quick and confident diagnoses. The versatility of the DP-50 expands your clinical utility while helping to improve patient care.

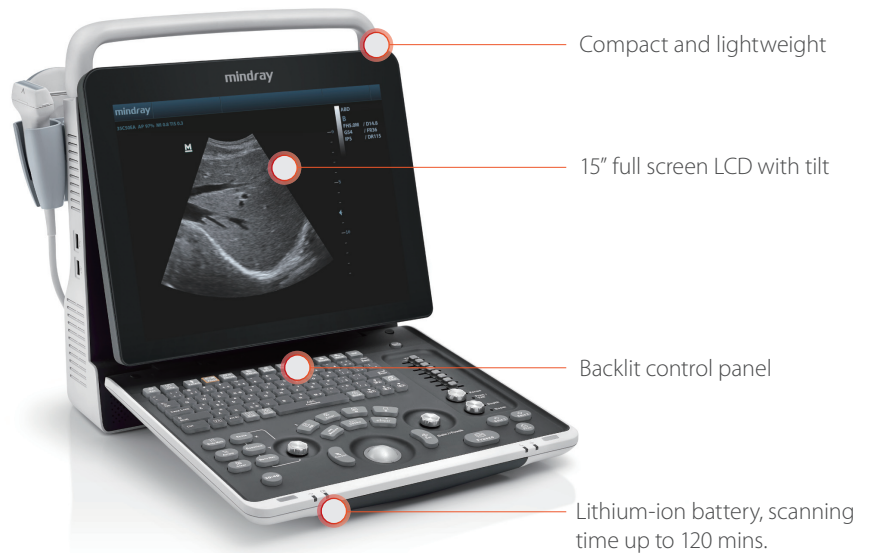
Diagnostic confidence with advanced imaging technologies

- Dynamic beamforming
- iBeam™ Spatial Compounding Imaging
- iClear™ Speckle Reduction Adaptive Image Processing
- Tissue Harmonic Imaging (THI)
- Tissue Specific Imaging (TSI)
- Standard Power Doppler, optional Color Doppler and Pulsed Wave (PW) Doppler
- B-Steer™, Trapezoid imaging, Colorization

Design and Function

Designed with the user in mind, the DP-50 Expert makes any location accessible

- **Quick Save** one-click image save and transfer to local server or USB
- **iTouch™ Auto Image Optimization** single button image optimization
- **iZoom™** enables accurate viewing of image from distance
- **iWorks™ Protocol** helps standardize workflow and reduce exam times
- **iStation™ Patient Information Management System** clipboard, onboard reporting
- **Auto Intima Media Thickness (Auto IMT)** auto-measurement of carotid intimal thickness

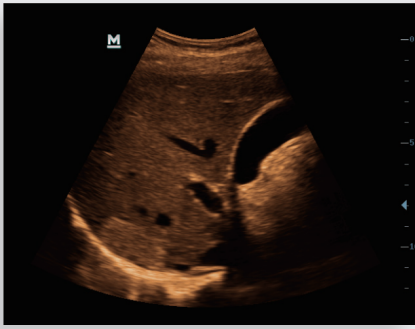


Complete information management solution

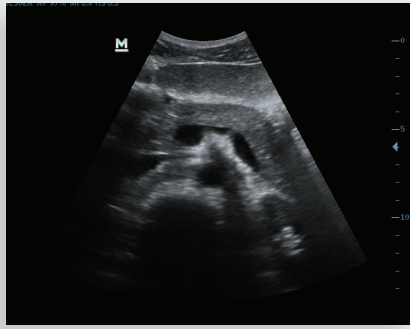
- 1TB integrated hard disk
- USB ports
- DICOM 3.0 connectivity

Advanced transducer technology

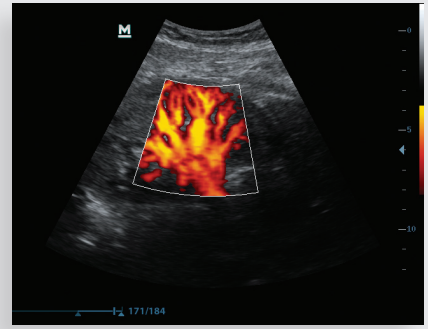
- High sensitivity, wideband transducers
- Multi-frequency, up to four imaging frequencies in each transducer
- Imaging frequencies from 2-10 MHz
- Up to 140-degree scanning angle
- General purpose and specialty transducers
- Needle guide brackets



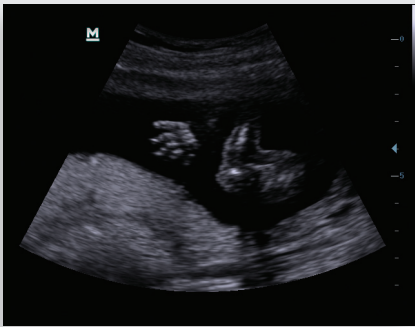
Hepatic Hemangioma



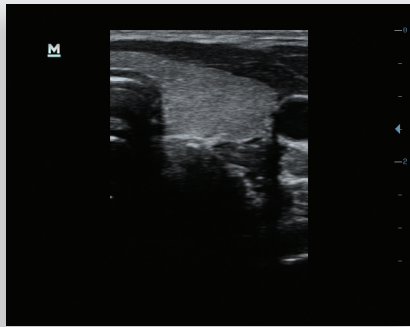
Pancreas



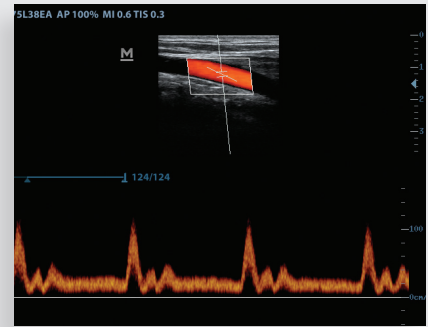
Power Doppler of Kidney



Fetal Fingers



Thyroid



PW Doppler of Carotid Artery

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healthcare within reach