

Sharp image acquisition for diagnostic confidence



The **Crystal 4P** diagnostic ultrasound system is ergonomically designed for user-friendly workflow in a palm-sized package. The Crystal 4P is applicable for adults, pediatric patients and pregnant women for ultrasound evaluation in hospitals and clinics. This portable system offers color flow, pulse wave and power doppler. With a 12" LCD display and built-in software options, the Crystal 4P can be used for a variety of specialties including, but not limited to: Family Practices; OB/GYN; Cardiology; Orthopedics; Urology; Surgery; Vascular Assessments; Internal Medicine; and Nephrology.

Features:

- » High resolution LCD screen
- » Light-weight design for excellent mobility
- » Color Doppler Flow Imaging
- » Pulsed Wave Doppler
- » Power (Directional Power) Doppler Imaging
- » Multi-Beam-Forming
- » Phased Inversion Harmonic Compound Imaging
- » Speckle Resistance Imaging
- » Spatial Compounding Imaging
- » Multi-frequency broadband transducer selection
- » Multi-language software packages

Optional Features:

- » Built-in rechargeable Li-ion battery (optional)
- » DICOM 3.0 (optional)
- » Large capacity integrated hard disk(optional)
- » Footswitch (optional)
- » Mobile trolley (optional)
- » Carrying case (optional)
- » Needle-guided brackets (optional)

Technical Specifications:

- » 12.1" high resolution LED monitor
- » Portable with carrying handle
- » Imaging modes: B, B+B, 4B, B+M, M, and PW
- » THI, TSI, digital beam forming, speckle resistance
- » Two transducer connectors
- » 256 frames CINE loop memory
- » 504MB built in image storage
- » Two USB ports
- » Measurement and calculation packages
- » Built in lithium battery for continuous 2 hour work

Options:

- » Dicom 3.0
- » Biopsy Guide
- » Video Printer
- » Laser Printer
- » Foot switch
- » Mobile Cart

Standard Configuration:

- » Main Unit
- » 12.1" LCD Monitor
- » Two Standard Transducer Connectors
- » Pulsed Wave Doppler
- » Color Doppler Flow Imaging
- » Power (Directional Power) Doppler Imaging
- » Phased Inversion Harmonic Compound Imaging
- » Spatial Compounding Imaging
- » Speckle Resistance Imaging
- » Measurement and Calculation Software Packages
- » Multi-Language Software Packages
- » Multi-Pseudo Color
- » Convex Array Transducer C352UB (2.5/3.5/4.5/H2.5/H2.7MHz, 128 elements)

