Specifications

Imaging Modes
. B, 2B, 4B
. M, B/M
. CFM, B/BC
. PW, HPRF
. CW
. PD, Directional PD

Probe
. Electronic Convex, Electronic Linear, Electronic Micro-Convex, Electronic Phased Array
. Wideband Multi-Frequency

Image Processing Technology
. Double Phase Digital Beam Forming (DPDBF)
. i-Image™
. Multiple Compound Imaging
. Speckle Reduction Algorithm (SRA)
. THI on all probes
. TSS
. Duplex, Triplex
. Trapezoidal
. Panoramic
. Free-Hand 3D

Standard Hardware Configuration
Main unit, 15” LCD, 2 probe connectors, Hard disk, 2 USB ports, Video out, TV out, LAN port, VGA out

Professional Clinical Applications
. Anesthesia
. Vascular
. Abdominal
. OB & GYN
. Cardiac
. Small parts
. Pediatrics
. Musculoskeletal

Options
. i-Image™
. Multiple Compound Imaging
. CW
. Panoramic
. Free-Hand 3D
. TSS
. DICOM
. 3,5 MHz Convex probe
. 7,5 MHz Linear probe
. 6,0 MHz Micro-convex transvaginal probe
. 3,0 MHz Phased array probe
. Biopsy kit (probe dependent)
. Video printer, PC printer
. Trolley

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Approved by FDA and CE

CHISON Q5

Portable Color Doppler Ultrasound System

For a clear image of needle and nerve

Anesthesia version
with nerve block presettings

CHISON®

equip
the key to medical innovation

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ISO 9001 BUREAU VERITAS Certification

CHISON Q5

For a clear image of needle and nerve

CHISON Q5

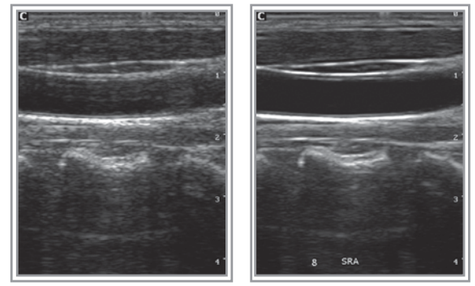
Chison Q5 is the portable color Doppler ultrasound system, which is specially designed for anesthesia blocks and multi-applications.

It delivers superb image quality for nerve imaging and optimal needle visualization. Taking the advanced technologies as SRA, THI, it provides better contrast resolution.

A work-flow orientated User Interface is built to allow user-friendly operation with minimum soft key entry. Ergonomical design of keyboard, 15 inch LCD large display, double probe connectors, USB and DICOM connectivity make your nerve localization much faster and accurate.

Speckle Reduction Algorithm (SRA)

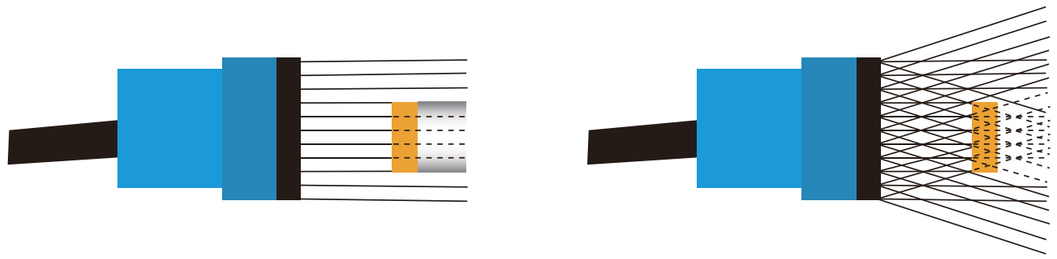
SRA is the technique that uses a variety of denoising algorithms to suppress speckle, smooth the images, and make the faint edge more appearing.



Normal SRA

Multiple Compound Imaging (MCI)

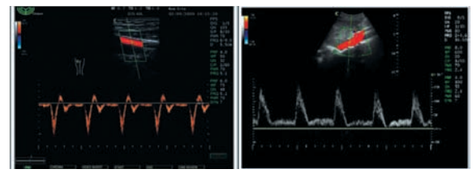
. Increase the line density and improve the image quality
. Improve the contrast resolution
. Decrease the sidewall effect of the edge on the tissue and make the edge of the organ more distinguishable



Normal Multiple Compound Imaging

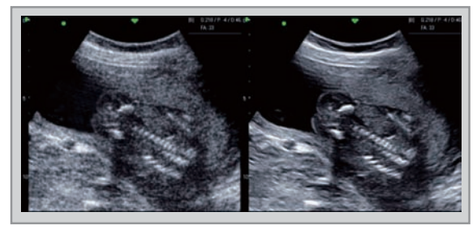
Wide Range Of Probes

Premium Images



i-Image™

. Reduced speckle, noise and haze in image
. Improved image smoothness, while still enhances edges to display more sharply defined structures



Before I-image™ After I-image™