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iVis 30 New

Affordable,Compact and Reliable 4D color doppler

CHISON

Value Beyond Imaging

iVis 30

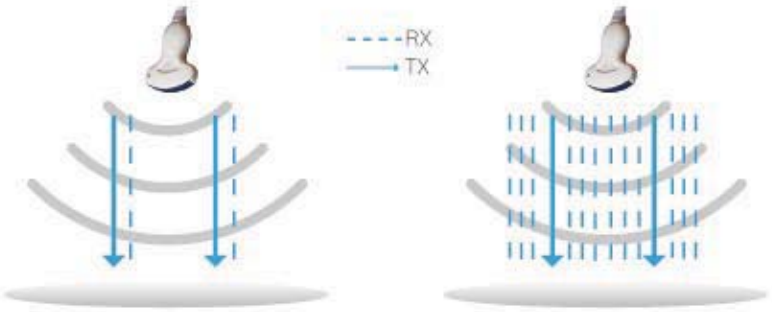
Affordable,Compact and Reliable 4D color doppler

The new ivis30 system has set the new standard for affordable 4D ultrasound in this very competitive market. With the advanced technologies of 4D volume rendering,compound imaging,multi-beamformer imaging, it provides superb images both in 2D,color,PW and 4D. The streamlined workflow, ergonomic outlook and compact design improves your work efficiency at easy. Try ivis 30, upgrades your diagnosis capability to 4D at attractive price!

Advanced Imaging Technology

■ Multi-Beam Former Technology

- Enhance Frame rate
- Improve image resolution

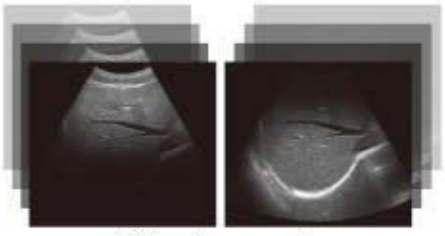


Traditional Single Beam Former

iVis 30 Multi-Beam Former

■ Compounding Technology

The traditional Compound imaging techonlogies improve the image quality, but lose the frame rate, which affect diagnosis convenience and efficiency. Our Compound imaging has intergrated multiple key factors like frequency,focus and time,but will not sacrifice the frame rate.



Before Compound

After Compound

Streamlined Workflow

The multi-purpose user preset, streamlined measurement & report system, built-in EasyView image archieve system, quick image storage/retreive/copy, one-button direct print, 4D direct burning to CD makes the complete workflow better than what you can dream of.

Direct print to video printer

Direct print to PC printer

Various Measurements

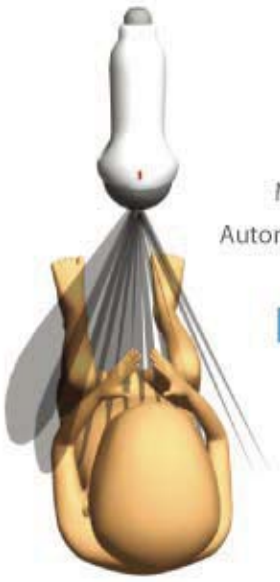
Detailed Reports

EasyView™ image archieve system

The Revolutionary **Real-time 4D Technology**

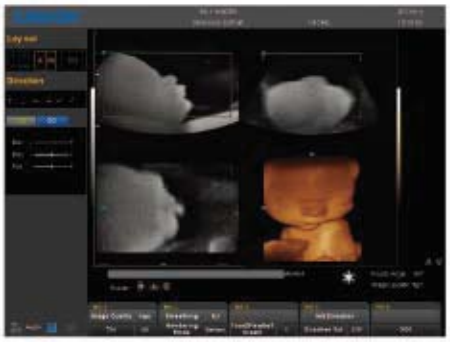
The state of art iVis 30 is a breakthrough in traditional ultrasound technology. Real-time 4D imaging is the continuous, three dimensional scanning of an object with simultaneous visualization of the A, B and C planes. This revolutionary multi-beam technology, displays 3D images in real time, goes beyond the boundaries of traditional ultrasound and allows to see the movement of an object in real time.

Compared to the widely available 2D ultrasounds, a 4D ultrasound is composed of 3D picture with the addition of live motion. This advanced technology gives the radiologist additional information for a more accurate diagnosis and higher patient care.



Motor Driven
Automatic Sweeping!

Send 2D data
to 4D package



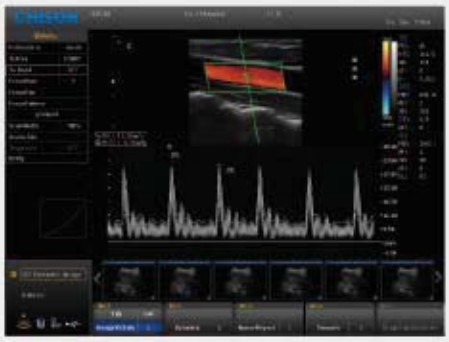
Clinic Value and **Applications**

Umbilical cord around fetal neck, CFM Mode

Kidney , CFM Mode

Uterus, CFM Mode

Breast, Trapezoidal



Carotid, B/C/PW Mode

Twins, B Mode

Fetal face, 27 weeks

Fetal face, 29 weeks

Fetal face, 31 weeks

Specifications

Imaging modes

- B, 2B, 4B, B/M
- B/BC, CFM
- PW Mode
- Power Doppler / Directional PD
- Duplex
- Trapezoidal
- Real-time 4D (Option)
- Chroma B/PW

Probe

- 3.5MHz Convex probe
- 7.5MHz Linear probe
- 6.0MHz Transvaginal probe
- 5.0MHz Pediatric probe
- 4.0MHz 4D Volume probe
- Wideband, Multi-frequency

Image processing technology

- THI on Convex probe
- Speckle Reduction Algorithm (SRA)
- Compound technology

Measurement & Report packages

- OB&GYN
- Vascular
- Urology
- small parts
- Cardiac

Professional Clinical Applications

- Abdominal
- Obstetrics
- Gynecology
- Vascular and Small parts
- Pediatric
- Urology
- Musculoskeletal

Standard configuration

Main unit, 15" LCD, 3 probe connectors,
Hard disk(320GB), DVD-RW, 4 USB ports
3.5MHz Convex probe

Options

- 7.5MHz Linear probe
- 6.0MHz Transvaginal probe
- 5.0MHz Pediatric probe
- 4D package: induding 4D volume probe, 4D software and 4D Module
- Video Printer: SONY UP897MD
- PC Printer
- DICOM 3.0
- i-Image™ : image optimization software
- Biposy kit: for convex, linear, TV probe
- Foot-switch

Convex, D3C60L
(2.5 / 3.0 / 3.5 / 4.0 MHz)

Linear, D7L40L
(5.3 / 6.4 / 7.5 / 10 MHz)

Transvaginal, D6C12L
(5.3 / 6.0/ 8.0 / 10 MHz)

4D Volume, V4C40L
(3.0 / 3.5 / 4.0 / 5.3 MHz)

Pediatric, D5C20L
(4.0 / 5.3 / 6.4 / 8.0MHz)

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