



# ECHOGRAPHE + DOPPLER

## Echographe + DOPPLER PT320

### PT320 Color Doppler Ultrasound Diagnosis System

Working Mode: B.2B.4B.left&right B/M.B/D.PW.M.B mode part zoom/C/D.B/C/M.B/c duplex.CFM.CPA.

Scanning manner: Electronic convex array. Electronic linear array.

Magnification:>16 Grades.

Zoom:Real-time and movable magnifying.

Application:Abdominal. Small parts. Obstetrics. Gynecological. Cerebrovascular. Cardiac. Peripheral Vascular. Galactophore. Musculoskeletal.

Focusing:Transmitting focusing(16 ranges), receiving continuous dynamic focusing, acoustic lens focusing. Electronic focusing etc..

Frequency:Center frequency range from 2.5MHZ to 10MHZ(band edge from 1.5MHZ to 12MHZ);5 steps Multi-frequency operation for all probes.

Display parameter: Acoustic power, total gain, dynamic range,TGC curve, gain of Doppler, pulse repetition frequency, wall-filtering ratio.EEH,FA,Gray scale,Gate,detection depth DA,SNR,TI,MI,TIB,TIC.

Detectable Depth:300mm. Gray Scale:256 Elements:128. Receiving Channel:>256.

Image process: CFM processing, Digital time delay technology, digital multi-echo process technology, real-time dynamic aperture, real-time filtering technology, colorful map, frame average processing, angle adjustment, and wall filter, edge enhancement,THI,TGC8 slide control,contrast,PRF,L/R image flip, Up/Down flip image,etc..

Image storage: Storage and playback(by hand or automatically) of 1024 continuous image,10000Frame storage.

Body mark : Over 200kinds,user can add more by himself.

Gain control: One total gain,8 slides TGC control.

Image output: output to floppy disk,CD-ROM,DVD-ROM,4 USB Port and color video printer.

Measure function: Except normal measurement and calculation,

Abdomen, obstetrics, gynecology cardiology, rtology, small part, orthopedics,

Software package,OB report.

Four kinds version of database (additional one for user-defined)for calculating pregnant weeks and EDD by:GS. BPD.

CRL. FL. HL. TAD. LV. OFD. AC. HC. LMP. BBT etc.

Calculate BPD/OFD,FL/AC,FL/BPPD and HC/AC ratio,AFI,Fatal 7weight, fetal growth curve, Fetal Biophysical Score.

**Standard configuration:** Main unit, 3.5MHz 60R85D multi-frequency Convex Probe, 15" color LCD monitor(resolution 1024\*768), Ultrasound workstation, 3D Software, ink/laser printer, 3 probe connectors, DVD-RW, 6 USB ports, free arm.

**Options:** 7.8MHz 45L multi-frequency linear probe, 3.5MHz micro-convex probe, 7.0MHz transvaginal probe, Color video printer, DICOM3.0.

