

Specifications of CCB-C80PLUS V2.1 Trolley Color Doppler

Windows 7 embedded operating platform, solid-state hard drive data storage, safe and reliable and boot quickly

Display	19 inch LED medical display, 10 inch touch screen
Probe connector	4
Operation interface	English (more languages as option)
Display mode	B、B+B、4B、B+M、M、C、PW、CW、4D、B/C、B/C/PW、B/PW
Focus	4 segments
Body mark	≥57
Image processing	Up/Down, Left/Right, Angular variation, Reverse
Measurement	Distance, circumference, area, volume, heart rate, diameter stenosis rate, area stenosis rate, angle, rhythm, speed.
Application	Abdomen,cardiac,skeletal muscle, early obstetrics, middle and late obstetrics, pelvic (uterine attachment) , small parts, urology, peripheral blood vessels, GW&EDD, fetal weight.
Character display	Date, time, name, sex, age, doctor, hospital, annotation (full screen character editing)
Cine loop	≥ 1200 frames, continuous playback or view one by one.
Storage	Probe parameter, cine loop, measuring result, report can be saved and transferred to external storage device
Gray scale	256 levels
Puncture guide	Available
Gravel positioning	Available
Dynamic range	0-270dB
TGC control	8 segments
Pre-processing	Variable aperture, dynamic apodization, dynamic digital filtering, multi-beam parallel processing technology, THI and so on.
Post-processing	Dynamic range 0-270DB, black and white afterglow 0-7, smoothing 0-7, gray curve 1-16, frame correlation, SHI, sound power, wall filter, cumulative number, baseline adjustment, sampling frame adjustment , spectral sampling volume, spectral sampling volume angle, the PRF (pulse repetition frequency) and so on.
Blind zone	≤4mm
Max display depth	320mm
Geometric accuracy	horizontal ≤ 5%, vertical ≤ 5%
Resolution	lateral ≤ 2mm, axial ≤ 1mm

External interface	Video, USB, DICOM 3.0
Display magnification	16 kinds
Frame rate	5-1016fps
Scanning range	5% - 100%
Gain adjustment	Overall gain: 0 ~ 100%, PW gain: 0-15, CFM gain: 0-15
Image optimization	6 level adjustable
Smoothing	8 level adjustable
Edge enhancement	8 level adjustable
PRF	16 level adjustable
Gray scale curve	16 level adjustable
Acoustical power	15 level adjustable
Hard Disc Storage	120G

Probe frequency range:

3.5MHZ convex probe: 2.0, 3.0, 3.5, 4.0, 5.5Mhz

6.5MHZ trans-vaginal Probe: 5.0, 6.0, 6.5, 7.5, 9.0Mhz

3.0MHZ Phased array probe: 2.0, 3.0, 3.5, 4.0, 5.0Mhz

7.5MHZ High frequency Linear Probe: 6.0, 6.5, 7.5, 10.0, 12.0Mhz

Volume probe: 2.0, 3.0, 3.5, 4.0, 5.5Mhz

Micro-convex probe R11: 2.0, 3.0, 3.5, 4.0, 5.5, 6.5, 7.5, 10.0 Mhz

Micro-convex probe R20: 5.0, 6.0, 6.5, 7.5, 9.0Mhz

