

KX5000 **Human Use**



Application: Abdomen, GYN & OB, small parts, etc.

Main specification

Probe element: 80 elements

Scanning mode: convex, linear

10. 4' high resolution TFT LCD

Standard probe: 3.5MHz convex multi-frequency probe

(Frequency conversion scope: 2.0 / 2.5 / 3.5 / 5.0 MHz)

Optional probe: 6.5MHz intra-vaginal frequency conversion probe.

(frequency conversion scope: 4.0 / 5.0 / 6.5 / 7.5 MHz)

Optional probe: 7.5MHz frequency conversion probe.

(frequency conversion scope: 5.0 / 6.5 / 7.5 / 9.0 MHz)

Optional probe: 5.0MHz micro-convex frequency conversion probe.

(frequency conversion scope: 3.5 / 4.5 / 5.0 / 5.5 MHz)

Scanning angle: convex probe 60°, intra-vaginal probe 135°

Body mark: 64 kinds body mark with probe position

Probe socket: 1 socket, automatically identify the probe

Scanning mode: B、2B、4B 、 B/M、 M

8 grades depth adjustment under full visual field (8kinds of magnification)

Gain: 0~127dB

Dynamic scope: 27~90dB, visible & adjustable

Four different angles / switchable width

Gray: 256

Imaging technique: full digital beam-composite, continuous dynamic focusing, dynamic aperture

Cine loop: 256 frames

Permanent image storage: 100 frames

TGC control: near field, far field

Image processing: pre-process (continuous dynamic focus, dynamic aperture, dynamic filter) , post-process (4 grades gamma correction)、frame correlation, black/white reversal, left/right reversal, up/down reversal, edge enhancement, etc.

Depth hoist / local zooming

Frame frequency: 30 frames/s

Measurement and analysis:

Normal measurement: distance, circumference, area, heart rate, gestational week, fetus weight, volume, EDD etc.

Obstetric measurement: BPD, CRL, GS, FL, HL, TAD, TBD, APBD, HC, AC, GA, EFW, FT, LV THD, TCD, OFD

Report: OB report

Note: name, age, gender, hospital name, time, date, probe type, frequency, focus, frame correlation, gain, dynamic scope, etc.

Battery: 2700MAh lithium battery (2 pcs) can work for more than 200 min each charge.

Weight of main unit: 2.25kg.

Puncture guide, with two approvable guiding lines whose angle and position can be adjustable.

USB port for flash disk to store images directly and for transferring image to PC (optional software of case report process center)

Output: PAL / NTSC

Power supply: 8.5 V ~ 24.2 V, 4.8 ~ 6.2 Hz

Energy-saving

8 kinds internal pseudo color

Standard configuration:

Main unit:	1 PC
3.5MHz multi-frequency convex probe	1 PC
Probe socket	1 PC
USB port	1 PC

Optional configuration:

6.5MHz transvaginal probe
7.5MHz high frequency linear probe
5.0MHz micro-convex probe
Thermal printer
Software of case report process center