



PW-5800

Full digital laptop ultrasound scanner



PW-5800

- Full digital beam-composite
- Digital-control dynamic frequency scanning
- Real time dynamic frequency scanning
- Real time dynamic aperture imaging
- Real time dynamic sound velocity apodization
- Super-broadband frequency conversion



Features:

It is a high-end laptop-design B/W ultrasound imaging system, which integrates CLUSS'S latest digital imaging technologies and four-frequency probe technology, Its size as small as a laptop and it weights 2.3kg only.

Though compact in dimension, it is featured with clear images and powerful functions, which are usually found in bulky ultrasound system. Complete software package. it is suitable for ultrasound exams such as hospital, beside checking in hospitals, outgoing consultation and fieldwork.

Apperance:



Technological parameters:

Display:	B,B+B,4B,B+M,M
Monitor size:	10.4" color TFT LCD
Gray scale:	256
Gain:	0–127
Extensive software:	Abdomen,Obstetric,Gynecology,Urology,Cardiology,small parts
Scanning convex:	Convex,linear,multi–frequency with wide band
Probe frequency:	2.0–9.0MHz
Dynamic range:	27–90dB,visual adjustment
Scan angle:	From 30–150 degree(depending on probes)
Scan depth:	From 40–240 degree(depending on probes)
Cineloop:	256 frames
Permanent storage image:	100 frames
Internal pseudo:	8 kinds of internal pseudo color display
Body marks:	64 kind of body marks
Image processing:	Continuous dynamic focus,dynamic aperture,dynamic filter,gamma correction,black/white conversion,left/right conversion,up/down conversion,edge enhancement,etc.
OB measurement:	BPD,CRL,GS,FL,HL,LV,TTD,APTD,HC,AC,FT,TAD,THD,TCD,OFD
General measurement:	Distance, Circumference/Area, Heart Rate, EF rate for heart and Gestational Age, Fetal weight, EDD.Characteristics:showing in real–time clock, ID, Sex, Age, Focusing info and Hospital name.
Puncture guide:	Puncture guide with two adjustable(angle&position)guide line
Power supply:	AC110/230V,60Hz/50Hz
Peripheral ports:	Video,S–Video,USB,DC12V

Gallery



Standard configurations:

1	Main unit 1 PC
2	3.5MHz convex probe 1 PC
3	Rechargeable lithium battery can drive main machine works for 240 minutes 1 PC
4	PC Keyboard
5	Power supply adaptor and cable 1 PC
6	Metal case 1 PC
7	Ultrasound gel 1 bottle
8	Operation manual 1 PC
9	2 USB port(For transfer the images to PC;supporting large-capacity USB flash disk and mouse), also can be update

Optional probe:

1	5.0MHz micro-convex probe
2	6.5MHz transvaginal probe
3	7.5MHz linear probe

Optional accessories:

1	A case report of process centre software
2	Laser color printer
3	Thermal printer(Sony and Mitsubishi)
4	Car charger
5	Lithium battery
6	Plug
7	Ground electrode
8	Goggle

Packing:

1	Net weight:2.3kg
2	Gross weight:6kg
3	Carton size:48cmX36cmX23cm



3.5MHz convex probe



6.5MHz transvaginal probe



5.0MHz convex probe



7.5MHz linear probe

