

# PW-660

Full Digital Ultrasonic Diagnostic System



## Features



- Original Windows XP Operation system inside
- Various of measurement & calculation
- Patient file management system
- Tissue harmonic imaging (THI)
- Multi-format of image storage
- Various of measurement items
- M/M mode
- Pseudo color

## Patient File Management

Automatically generate reports according to collected image diagnostic description. Perfect image-text patient data management enable the upgrade function of input and output data to meet the requirement of extend clinical application.



## Perfect Combination of Multiple Digital Ultrasonic Imaging Technologies

- Super-accurate full digital imaging technology
- Multiple display modes can supply a comparison from different views and different angles.
- Big capacity cine loop and permanent image storage helps to capture the best image.
- TGC and Digital Encoder can be adjusted precisely to improve image resolution
- Various of ports for video output
- Software package includes measurement of OB, GYN, Regular and etc.
- Humanized operating interface makes the operation procedures more briefly and friendly.

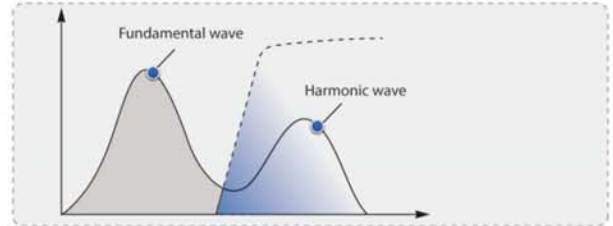
## Full Digital Technology

Full digital engine with non tortured echo ensuring high definition images



## Tissue Harmonic Imaging

High-caliber harmonic signal processing technology



## Excellent Image Quality

Originating from advanced ultrasonic imaging technology, the precise image guarantees the accuracy of the diagnostic result.



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Full Digital Ultrasonic Diagnostic System

## Technical Specification:

Scanning mode :	Convex/Linear/Micro-convex
Probe connector :	≥2
Cine loop :	≥600 frames
Image storage :	BMP, JPG, DCM, TIF, hard disk ≥160G
Display depth :	250mm
Display angle :	Adjustable
Display view :	≥152°
Display mode :	B, B+B, B+M, B+2M, M, 4B
Operation interface :	Chinese/English switchable
TGC :	Total gain, 8-Segment TGC, display TGC line
Image Process:	edge enhancement, THI, scanning line density, gamma correction, Histogram
Pseudo color:	≥10 types
Image enhancement:	≥7 types
Image flip :	Up/down, left/right, black/white
Focus control:	focus number ≥4, focal span and focal position adjustable
Real-time depth :	16-level adjustable
Image amplification:	zoom( 16 level adjustable), local zoom (≥5 times)
Dynamic range :	≥192dB, adjustable
Puncture guiding:	display puncture guiding line, puncture line angle adjustable
Measurement:	cardiac, gynecology, obstetrics, blood vessel, hip, urology, abdomen, fetal heart, kidney, arterial, carotid artery, thyroid etc.
Patient file system:	new, query, edit, report generate, print etc.
Body marks :	≥95 types
Notation :	Full screen Chinese/English edit, time, date, Patient ID, name, sex, age etc.
Port :	Video, RS-232, USB, DICOM3.0, PS/2, XGA



Standard Configuration:	3.5MHz Convex Probe
Optional Configuration:	6.5MHz Transvaginal (R10, R13) 5.0MHz Micro-Convex 7.5MHz Endorectal Video/laser/ink-jet printer Monitor Biopsy bracket 7.5MHz HF Linear

## Multi-Frequency Probes



3.5MHz Convex

Application: abdomen, GYN, OB, Urology



7.5MHz Linear

Application : Superficial tissue, Small parts, Blood vessel



5.0MHz Micro-Convex

Application: pediatric, cardiac



6.5MHz Transvaginal

Application: Vagina



7.5MHz Endorectal Linear

Application: Rectum

