

DP-6600 Digital Ultrasonic Diagnostic Imaging System

----- Just a portable you want



DP-6600 adopts advanced digital beam-forming (DBF) and tissue speciality imaging (TSI) technologies, which has realized improvement on the quality of images. Meanwhile, broadband and multi-frequency transducers enable clinical application in a wider range. Based on adequate requirements of doctors, 256-frame CINE loop and 16-frame images storage are set as standard configurations. On the other hand, the USB ports and DICOM 3.0 enhance the storage ability and facilitate the image transportation. The great performance of the DP-6600 will definitely increase the accuracy of the diagnosis, thus to benefit both of doctors and patients.

Features:

- * Multi-purpose ----- abdominal, urology, GYN, OB, small parts, pediatric, cardiology, biopsy
- * Digital beam-former
- * Two transducer connectors
- * Multi-frequency transducer series
- * Max frequency up to 10MHz
- * TSI (Tissue Speciality Imaging)
- * 10" non-interlaced monitor



Functions:

- * 256-frame cine loop memory
- * 16-frame images storage
- * Two USB ports
- * IP (Image Process) function
- * DICOM3.0 (optional)

Standard configurations:

- * DP-6600 main unit
- * 10" non-interlaced monitor
- * Two transducer connectors
- * 256-frame cine loop
- * 16-frame images storage
- * Two USB ports
- * Measurement & calculation software packages
- * Electronic convex array transducer: 35C50EA (2.0/3.5/6.0MHz)

Options:

- * Electronic linear array transducer: 75L38EA (5.0/7.5/10MHz)
- * Electronic linear array transducer: 75L60EA (5.0/7.5/10MHz)
- * Electronic endocavity transducer: 65EC10EA (5.0/6.5/8.0MHz)
- * Electronic micro-convex array transducer: 35C20EA (2.0/3.5/6.0MHz)
- * Electronic micro-convex array transducer: 65C15EA (5.0/6.5/8.0MHz)
- * Needle-guided brackets for transducers
- * DICOM3.0
- * Mobile trolley

Technical Specifications:

General Descriptions

Imaging mode:	B, B+B, B+M, M
Gray scale:	256
Display:	10" non-interlaced
Transducer frequency:	2.0 ~ 10MHz
Transducer connector:	2 (standard)
Beam-forming:	Digital Beam-forming (DBF) Dynamic Receiving Focusing (DRF) up to 16 zone transmitting focusing Dynamic Frequency Scan (DFS) Real-time Dynamic Aperture (RDA) Dynamic Receiving Apodization (DRA) Tissue Speciality Imaging (TSI)
Scanning angle:	from 40 to 128 degree (depending on transducers)
Scanning depth (mm):	from 25.9 to 246 (depending on transducers)

Imaging Processing

Pre-processing:	dynamic range edge enhancement frame correlation smooth line correlation AGC 6-segment TGC adjustment IP (Image Process) acoustic power adjustment scanning angle selection high resolution/high frame rate select
Post-processing:	gray map γ -correction rejection left-right reverse up-down reverse

Functions:

Cine loop:	256-frame cine loop memory
Storage media:	flash card and USB card
Zoom:	panoramic zoom in real-time and frozen condition
Built-in image archive:	permanent storage up to 16 frame images

Measurement & Calculation

B-mode:	distance, circumference, area, volume, angle, residual urine volume, histogram, profile, S%
M-mode:	distance, time, velocity, heart rate (2 cycles)
Software packages:	abdomen, gynecology, obstetrics, cardiology, small parts, IVF, peripheral vessels, orthopedics, urology, Interventional

Transducer Types

Electronic convex array transducer:

35C50EA (2.0/3.5/6.0MHz)

Electronic linear array transducer:

75L38EA (5.0/7.5/10MHz)

Electronic linear array transducer:

75L60EA (5.0/7.5/10MHz)

Electronic endocavity transducer:

65EC10EA (5.0/6.5/8.0MHz)

Electronic micro-convex array transducer:

35C20EA (2.0/3.5/6.0MHz)

Electronic micro-convex array transducer:

65C15EA (5.0/6.5/8.0MHz)

Others

Peripheral port:	video output	2
	USB port	2
	DICOM3.0	1 (optional)
Power supply:	100~240VAC ± 10% 50Hz/60Hz	
Dimensions:	286mm(W) X 385mm(L) X 306mm(H)	
Net weight:	11Kg	

NOTE: specifications subject to change without prior notice.

