

# DP-6600

## DIGITAL ULTRASONIC DIAGNOSTIC IMAGING SYSTEM

### 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 $\gamma$ -correction rejection left-right reverse up-down reverse

#### Functions:

Cine loop:	128-frame cine loop memory
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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, small parts, IVF,  
peripheral vessels, cardiology, Interventional

#### Transducer Types

Electronic convex array transducer:

CA3.5MHz/R50 (2.0/3.5/6.0MHz)

Electronic micro-convex array transducer:

CA3.5MHz/R20 (2.0/3.5/6.0MHz)

Electronic endocavity transducer:

EV6.5MHz/R10 (5.0/6.5/8.0MHz)

Electronic linear array transducer:

LA7.5MHz/L38 (5.0/7.5/10MHz)

#### 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.



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