El DRE FS-32P es un sistema ultrasonico de imagenes diagnosticos que es economico y que ofrece la tecnologia digital "forma rayos."

Sacando su poder de una tecnologia innovadora, el DRE FS-32P provee imagenes optimos ultrasonicos. Tiene un maximo de 128 marcos de almacenaje incorporado y una configuracion de 2 transductores-connectadores, dandle una mejor flexibilidad. El DRE FS-32P tambien tiene caracteristicas que normalmente se ecuentra solamente en sistemas mucho mas caros.

Tecnologia Innovadora
- Escaneo de frequencia dinamico
- Apertura dinamica en tiempo real
- Apodizacion dinamica de recepcion
- Forma rayos digital
- Enfocamiento transmitido de zonas multiples
- Enfocamiento dinamico

Funciones Poderosas
- Funcion IP (procesamiento de imagenes)
- Deseno ergonomico del teclamiento con luz atras de las teclas para poder leer facilmente
- Ajustamiento TGC intelligente y de 8 segmentos
- Funcion "zum" panoramic

Funciones Excellentes
- 256 marco lazo de cine
- 128 marco almacenaje de imagenes
- Suministro VGA
- Puerto dual USB
- DICOM 3 (opcional)
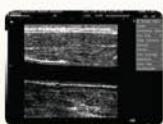
Ofrece una variedad de transductores multi frequencia lo cual provee imagenes optimos

Technical Specifications

General

Imaging mode	B, B+B, 4B, B+M
Gray scales	256
Display	10" non-interlaced
Transducer frequency	2.5 ~ 10MHz
Transducer connector	2 standard
Beam-forming	Digital beam-forming
	Dynamic receiving focusing
	Real-time dynamic aperture
	Dynamic frequency scanning
	Dynamic apodization
	Tissue harmonic imaging
	Tissue specific imaging
Scanning angle	From 40 to 155 degree
	(depending on transducers)
Scanning depth (mm)	From 40 to 240
	(depending on transducers)

Imaging Processing

Pre-processing	Dynamic range
	Edge enhancement
	Frame correlation
	Line correlation
	Smooth
	AGC
	8-segment TGC adjustment
	IP (image process)
Post-processing	Gray map
	Gamma correction
	Rejection
	Left-right reverse
	Up-down reverse

Functions

Cine loop	256 frames bidirectional cine-loop
Zoom	X1.0, X1.2, X1.3, X1.6,
	X2.0, X2.4, X3.0, X4.0 in real-time
Storage media	Built-in flash,
	external USB-memory stick
Storage	128 frames permanent image
Body mark	80 types
Transducer:	Auto detection
16-sement acoustic power output adjustment	

Measurement and calculation

B-mode	Distance, circumference, area,
	volume, angle, residual urine volume
M-mode	Distance, time, velocity, heart rate (2 cycles)
Software packages	Abdomen, gynecology,
	obstetrics, urology,
	small parts, cardiology

Display

Date, time, probe name, probe frequency, frame rate, patient name, patient ID, hospital name, measurement values, body marks, annotation, probe position, full-image-region edit

Additional displays

Peripheral port	Video output 1
	VGA output port 1
	USB port 2
	DICOM3.0 1 (optional)
Power supply	100-240VAC±10% 50Hz/60Hz
Dimensions	353mm (W) x 315mm (L)
	x 253mm (H)
Net weight	11.5Kg

Standard configurations

Main unit
10" non-interlaced monitor
Two transducer connectors
256 frames cine loop memory
128 frames built-in image storage
Two USB ports
Measurement and calculation software packages

Convex array transducer	C363-1 (2.5/3.5/5.0MHz)

Options

Linear array transducer	L743 (6/8/10MHz)
Endorectal transducer	E743 (6/8/10MHz)
Endovaginal transducer	E613 (5/6.5/8MHz)
Micro-convex array transducer	C321(2.5/3.5/5.0MHz)
Convex array transducer	C343-1 (2.5/3.5/5.0MHz)

Also available: Video printer, laser printer, biopsy guide, DICOM3.0, Footswitch, Mobile trolley, hand carrying bag

Multi-frequency transducers

Convex array: C363-1
(2.5/3.5/5.0MHz)

Micro-convex array:
C321 (2.5/3.5/5.0MHz)

Convex array: C343-1
(2.5/3.5/5.0MHz)

Endovaginal: E613
(5/6.5/8MHz)

Linear array: L743
(6/8/10MHz)

Endorectal: E743
(6/8/10MHz)