



Ultrasound Scanner

Model : Comet D311

Features :

- Full Digital technology and high performance transducers.
- Comet D311 provides the elegant images quality as an ideal portable working station.
- It will meet your daily diagnostic requirements, without any compromise in image quality, at an economic price.
- 10" non-interfaced monitor & One Transducer connector
- 128 frames cine loop memory, 56MB built-in image storage
- Two USB ports, measurement & calculation software packages
- Convex array transducer : C361 - 1 (2.0 / 3.0 / 4.0 / 5.0 / 6.0 MHZ)
- One Cable Holder

Specification

General

IMAGING MODE : B, B+B, 4B, B+M, M
GRAY SCALES : 256
DISPLAY : 10" non - interfaced
TRANSDUCER FREQUENCY : 2 ~ 10 MHZ
TRANSDUCER CONNECTOR : 1 (Standard) 2 (Optional)
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 30 to 155 degree (depending on transducers)
SCANNING DEPTH (mm) : from 20 to 250 (depending on transducers)

Imaging Processing

PRE-PROCESSING : Dynamic range
Edge enhancement
Frame Correlation
Line Correlation
Smooth
4-segment TGC adjustment
IP (Image Process)
POST-PROCESSING : Gray map
Gamma Correction
Rejection
Left-right reverse
Up-down reverse

Functions :

CINE LOOP : 128 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-segment acoustic power output adjustment

Measurement & Calculation :

B-MODE : Distance, Circumference, Area, Volumn, Angle,
Residual Urine Volume
M-MODE : Distance, Time, Velocity, Heart Rate (2Cycles), Slope
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.

Others :

PERIPHERAL PORT : Video Output 1
VGA output port 1
USB port 2
DICOM 3.0 1 (optional)
POWER SUPPLY : 100-240V ~ 50Hz/60Hz
DIMENSIONS : 353mm(W) X 315mm(L) X 253mm(H)
NET WEIGHT : 11.5Kg

Options :

LINEAR ARRAY TRANSDUCER : L741 (6.0/7.0/8.0/9.0/10.0 MHZ)
ENDORECTAL TRANSDUCER : E741 (6.0/7.0/8.0/9.0/10.0 MHZ)
ENDOVAGINAL TRANSDUCER : E611 - 1 (4.5/5.5/6.5/7.5/8.5 MHZ)
MICRO-CONVEX ARRAY TRANSDUCER : C321 - 1(2.0/3.0/4.0/5.0/6.0MHZ)
CONVEX ARRAY TRANSDUCER : C341 (2.0/3.0/4.0/5.0/6.0 MHZ)

Two Transducer Connectors
Video Printer
Laser Printer
Biopsy Guide
DICOM 3.0
Footswitch
Mobile trolley
Hand carried bag

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