

**MOBILE ECHO MACHINE:**

**DISPLAY:**

**OPERATION MODES:**

**CONTROL PANEL:**

**CALIPERS /  
MEASUREMENTS:**

**APPLICATION:**

**FRAME RATE:**

**CINE MEMORY:**

**SYSTEM SCANNING DEPTH:**

**STORAGE DEVICE:**

**SYSTEM DYNAMIC RANGE:**

with cu  
Fully Digital Beam Former Echocardiography Machine with 900,000 processing channels & 12-bit A/D converter having 2d/m-mode and doppler facilities, (PW, CW, HPRF, & color flow imaging). Capable to handle upto 18MHz multi frequency probe.

High-Definition 21" or more LCD Monitor with Resolution 1600 x 900.

B, 2D, M-Mode, Power Doppler, HPRF, Spectral Doppler, Color Doppler, THI, TDI, Duplex & Triplex Doppler, PW Doppler, CW Doppler and ECG Gating.

Alphanumeric keyboard with built-in trackball.

8-Inches or more Touch Control Panel Screen.

Direct access to system functions through dedicated keys.

Audio volume control with Bi-Directional/ Stereo speakers and foot switch.

Users selectable image magnification control.

Adjustable transmit focusing control.

TGC/STC: 8 steps or more

3-Active Transducer Connector for Transthoracic.

Measurements for: Distance, angle, Stenosis %, area, circumferences, volume, slope, time, heart rate and acceleration. LV (left ventricular function) measurements, LA (left atrial volume) measurements, AV (aortic valve) measurements, MV (mitral valve) measurements, PV (pulmonary valve) measurements, LV MASS measurements, Vascular measurements (CCA, ECA, ICA, VA, SA), Auto IMT should also be provided.

Cardiac, Peripheral, Pediatric, Adult Cephalic, and Trans esophageal with software for measurements.

1000fps or more.

Cine Memory 350MB or more.

Max. 38cm

Built-in CD / DVD Drive, 128-GB SSD & 500GB HDD, 4-USB Ports.

Dynamic range minimum 290 dB or more