The NEW ECO1 portable B&W ultrasound system has a premium design, intelligent workflow, and excellent performance. The unique technology of multi-beam formation has made it a preferred choice for medical professionals. The ECO1 offers good image quality, reliable pregnancy detection and is used in medical applications like cardiology, paediatrics, vascular, urology, abdominal, OB/GYN and small parts.

- 12 inch rotatable LED monitor (0~30°)
- Low energy consuming
- Longer life than LCD
- Ultra-light & ultra-compact
- One-key quick save
- Clips for quick recall (CINE, Still images)
- Carry bag (optional): go anywhere you want
- DICOM 3.0 (optional), USB
Support PC Printer

Benefits
- PC printer is less expensive than SONY video printer
- A4 paper saves more cost than thermal paper for everyday use
- Detail report can be printed (with images, measurement results, patient information)

SONY printer

- More expensive
- Can ONLY print images

Connect PC printer

Connect video printer

Can ONLY use Video Printer

A4 paper

Thermal paper

Multiple Beamforming Technology

• Enhance Frame Rate
• Improve Image Resolution

Advanced technology

SRA is the technique that uses a variety of denoising Algorithm to suppress speckle, smooth the tissue images, and make the faint edge more appearing.

Speckle Reduction Algorithm (SRA)

Normal

SRA
**Tecnical Features**

### Application
- Abdominal
- Cardiology
- Ob/Gyn
- Urology
- Vascular
- Small Parts
- Pediatric
- MSK
- Nerve

### Display Modes
- B, B/B, 4B, M, B/M

### Gray Scale
- 256 Levels

### Scanning Depth
- 240mm Max (depend on the probe types)

### Scanning Method
- Electronic convex
- Electronic linear
- Electronic micro- convex

### Archives Management
- Patient information management, Patient images record, Patient exam report

### Power Supply
- AC 240V-100V, 50Hz- 60Hz

### Documentation
- Full screen documentation, Hospital name, Patient name, Date/time, Annotation database available, Pre-saved phrases can be recalled

### Standard configuration
- Main unit 335x155x350mm (LxWxH)
- High resolution 12 Inch LED display
- 1 probe connector
- 256M high speed memory (95 still bmp format images)
- 3 USB ports : 2 on the left side, 1 on the back
- LAN port
- Video out port
- VGA out port
- Footswitch port
- General measurement package
- Clinical measurement package
- Multi-language screen display
- EASYVIEW™: image archive system
- Patient information management system
- Building reporting system
- Intelligent Zoom

### Options
- 2 probe connectors
- Built-in battery
- Full screen show
- DICOM 3.0
- Anti-water keyboard cover
- Vehicle power charger
- PC printer or video thermal printer
- Biopsy guide for C3-A, L7M-A, V6-A
- **Cod. BT-2500** Built-in Li-ion battery 14.8V 4400mAh
- **Cod. BG-100** - Carry Bag
- **Cod. TR-8000** – Support trolley

### Optional transducers

<table>
<thead>
<tr>
<th>Cod.</th>
<th>Description</th>
<th>Frequency Range</th>
<th>Resolution R/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>C3-A</td>
<td>3.5 MHz Convex - ABD,OB/GYN,URO</td>
<td>2.5 ~ 5.0 MHz</td>
<td>60mm</td>
</tr>
<tr>
<td>V6-A</td>
<td>6.0 MHz Micro-Convex - OB/GYN,URO</td>
<td>4.5 ~ 8.0 MHz</td>
<td>12mm</td>
</tr>
<tr>
<td>L7M-A</td>
<td>7.5 MHz Linear - Vessel, Small Parts, MSK/PT, Nerve</td>
<td>5.3 ~ 10.0 MHz</td>
<td>40mm</td>
</tr>
<tr>
<td>L7S-A</td>
<td>9.0 MHz Linear - Vessel, Small Parts, MSK, PT, Nerve</td>
<td>5.3 ~ 11.0 MHz</td>
<td>30mm</td>
</tr>
<tr>
<td>MC3-A</td>
<td>3.0 MHz Micro-Convex - Cardiac</td>
<td>2.5 ~ 5.0 MHz</td>
<td>20mm</td>
</tr>
<tr>
<td>MC6-A</td>
<td>6.0 MHz Micro-Convex - ABD, Neonatal-Pediatrics</td>
<td>4.5 ~ 8.0 MHz</td>
<td>15mm</td>
</tr>
<tr>
<td>MC5V-A</td>
<td>5.0 MHz Micro-Convex - ABD, Neonatal-Pediatrics</td>
<td>4.0 ~ 7.0 MHz</td>
<td>20mm</td>
</tr>
</tbody>
</table>

**Uterus, B mode**

**Uterus**

**Fetal Hand**

**Carotid art., B mode**

**Thyroid, B mode**

**Fetal Hand**

**Elbow joint**

**Kidney, B mode**