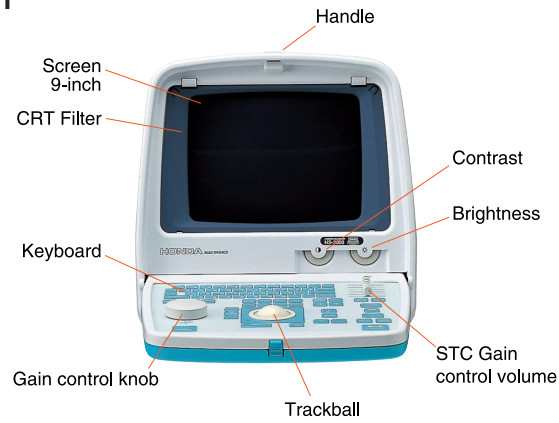
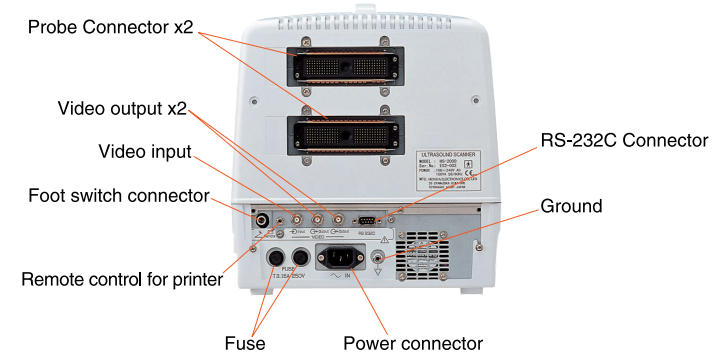


PANEL

FRONT



REAR



SPECIFICATIONS

Scanning Method	Linear / Convex electronic scan
Display Mode	B mode (single) B/B mode (double) B/M mode (4 step sweep speed selection on M mode)
Monitor	9 inch B/W monitor 256 grayscales
Range	3.5MHz 24cm, 18cm, 15cm, 12cm, 9cm, 6cm 5.0MHz/7.5MHz/10.0MHz 16cm, 12cm, 10cm, 8cm, 6cm, 4cm
Focusing Method	Transmitter 4-stage dynamic focus Receiver Real-time dynamic focus
Image Adjustment	Dynamic range From 35 to 95 with 10dB step selection B-gain, M-gain 36~100dB variable by rotary encorder (1dB step) STC 6 step sliding volume on adjusted depth levels
Image Processing	Frame correlation On (2-step) / off selection Line correlation On (2-step) / off selection Gray curve selection
Image Display	Image direction: Reverse (Left/Right), Up/Down Shift: 1cm step (max. depth 18 cm) Cine Memory: 41 frames
Image Store	Flash memory (60 Images)
Image Functions	Hospital name (32 char.) Patient name & ID No. (26 char. / 1000 patients) Age Date & Time Probe type Image direction Range

Measurement Function	Distance Circumference, Area Volume Angle Gestational weeks calculation Histogram LV calculation
Interface	Video output Two channel Video input One channel
Dimensions	Approx. 298(W) x 380(D) x 300(H) (keyboard closed) (mm) 298(W) x 580(D) x 300(H) (keyboard open)
Weight	Approx. 12kg
Power Source	100V-240V AC 50/60Hz
Probe Connector	2 (selected by keyboard)
Probes	Probes : 96ch Standard: HCS-436M : 2.8/3.5/5.0MHz 60R Convex probe Options: HCS-452M : 3.5/5.0/7.0MHz 20R Convex probe HCS-454 : 5.0MHz 40R Convex probe HCS-4710MV : 5.0/7.5/9.0MHz 10R (120°) Transvaginal examination probe HLS-438 : 2.8/3.5/5.0MHz 80mm Linear probe HLS-455 : 5.0MHz 50mm Linear probe HLS-475M : 5.0/7.5/10.0MHz 50mm Linear probe HLS-413 : 10MHz 30mm Linear probe HLS-455R : 5.0/7.5/10.0MHz 50mm Transrectal probe
Options	Video printer Foot switch Biopsy guide Stand off Trolley

- The specifications and appearance are subject to change without notice for improvement.
- Made in Japan

Diagnostic Scanner

Convex / Linear Ultrasonic System

HS-2000

Our unique technology is the product of our originality and continual pursuance of achieving high quality. It is also our purpose to contribute in ways that will enhance society.

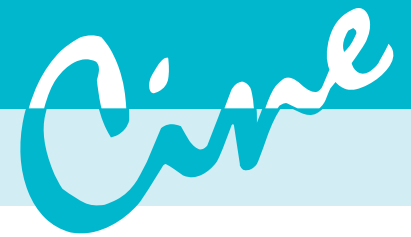


HONDA ELECTRONICS CO.,LTD.

20 Oyamazuka, Oiwa-cho, Toyohashi
Aichi Prefecture, 441-3193 Japan
TEL : +81-532-41-2514 FAX : +81-532-41-4441
http://www.honda-el.com
Registered company for ISO 9001 and EN 46001

A Choice You Won't Regret :

The HS-2000



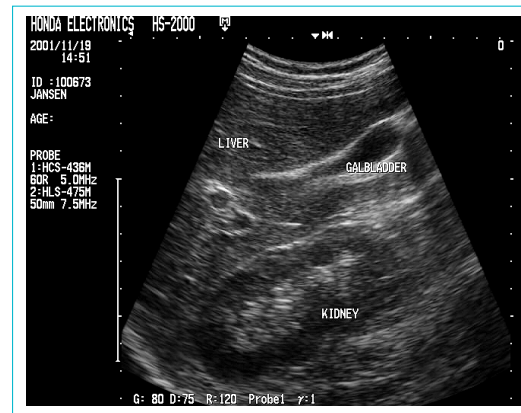
- advanced technology and excellent image embodied in a chic unit -



Can your personal ultrasound system compete with today's demand for accurate medical diagnosis? And are you satisfied with its performance when employing various medical applications? If not, then Honda Electronics has just the solution for you : the new HS-2000, a compact yet attractive unit featuring outstanding technology that will enable the user to fulfill the present and future requirements for patient diagnosis.

THE HS-2000 CONVEX / LINEAR DIAGNOSTIC SCANNER FEATURES ARE;

1. Excellent image by advanced Technology
2. Compact high class technology
3. Fine operation on a large keyboard
4. Multi-frequency probes
5. 9-inch monitor
6. Two probe connector
7. Image Storage by Flash Memory
8. Various software
9. Cine-loop Function



Excellent Image

Why the image quality is state of the art? Higher class technology is housed.

- Dynamic focusing
- Multi frequency probes

1

Compact

Why is it so small and light? Utilized LSI technology and shrunk the size of the circuit. Suitable for hand-carry and use in the practice/field.

2

Fine Operation

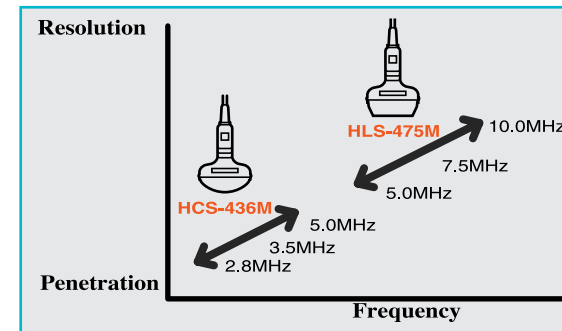
What accounts for a good interface? User can control the functions with one touch key stroke. Keys, Knobs and Trackball are positioned for effortless operation.

3



Multi-Frequency Probes

4

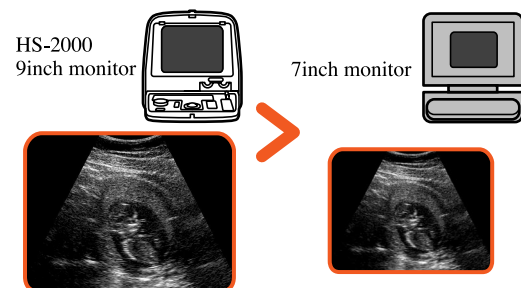


<p>HCS-436M Multi frequency probe 2.8/3.5/5.0MHz - 60R Convex probe</p>	<p>HCS-452M 3.5/5.0/7.0MHz - 20R Micro convex probe</p>	<p>HCS-4710MV Multi frequency probe 5.0/7.5/9.0MHz - 10R (120°) Transvaginal examination probe</p>
<p>HLS-475M Multi frequency probe 5.0/7.5/10.0MHz - 50mm Linear probe</p>	<p>HLS-413 10MHz - 30mm Linear probe</p>	<p>HLS-455R 5.0/7.5/10.0MHz - 50mm Transrectalprobe</p>

9-inch Monitor

Highresolution B/W CRT 256 grayscale in a compact package.

5



Two Probe Connector

Two probes can be connected to the unit at one time.

6

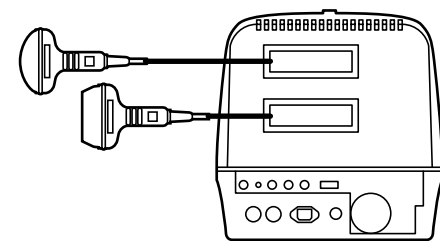
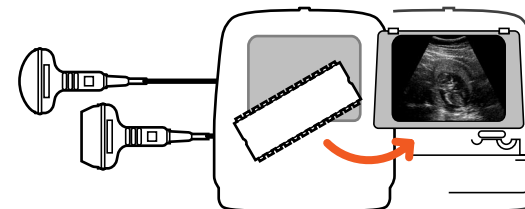


Image Storage x 60-images

Flash memory image storage
Built-in flash memory can keep the US images in the field.
Diagnose anywhere and make prints at the clinic.

7



Stored Images (JPEG) Transfer

Image Utility Program is meant to transfer the Clinical Images stored in the memory to a PC.

8

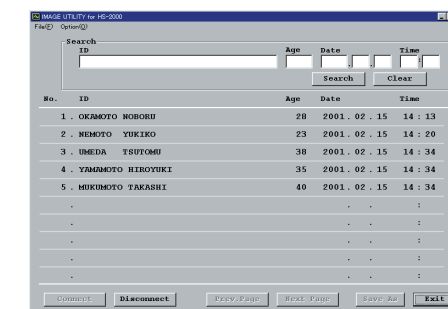
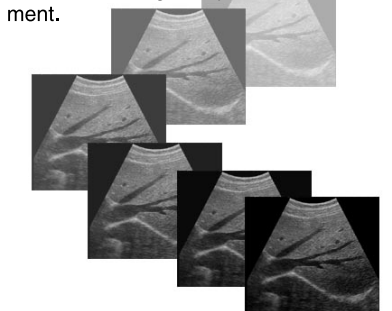


Image Utility screen

Cine-loop Function

This function immediately plays back ultrasound images frame-by-frame. And past images can be replayed, allowing just the right frame to be selected and saved. Occasionally, it is difficult to capture a still image at just the exact moment.



9