**Dimension**

- **length:** 330mm
- **width:** 230mm
- **depth:** 22mm

**Accessories**

- Ultrasound Gel
- AC Adapter
- Battery
- Battery Charger
- Shoulder Belt
- Trolley
- Carry bag

**Specifications**

- Scanning Method: Linear/Convex Electronic Scan
- Display Mode: B, BR, BM, M, BZ
- Range: 2.0MHz
- More than 100m: 0.26 cm (1m step)
- Beam Focus Method: 4-Shape Dynamic Transmission Focus
- Ultrasonic Frequency Rate: 2.0 to 12.0 MHz
- Display Monitor: 8.4 inch Color Liquid Crystal
- Whole image viewing angle: (Horizontal: 170° Vertical: 110°)
- Image Display: U/I/Even, U/I/Even
- Image Adjustment: B-Gain, M-Gain, 30 to 100 dB: 10 dB step
- Dynamic Range: 30 to 155 dB: 10 dB step (155 adjustable)
- STC: 5 styles
- Acoustic Power: 100% to 100% (17% step)
- Compression: 5 times
- H-iso (Image Enhancement): 0.00, OFF and 4 level
- Sweep Speed: 5 steps
- Data Memory: 256 images
- Measurement Function: Distance, Circumference, Area, Volume, Heart Rate, Heart Rate, Millimeter wave
- Character Display: Hospital Name, Patient Name, ID, Date, Age, Sex, DOB, Date, Time, Probe Type
- Range, Gain, Acoustic Power, Frequency, Dynamic Range, Gamma, H-iso, Gray Scale, Focus Information
- Power Connector: 1
- Power Source: AC Adapter 100V～240V 50/60Hz 50VA
- Battery 14.8V 5200mAh
- Data Storage:
  - EDR/Log (JPEG): Standard(100 image map) / External USB memory
  - EDR/Log (KOD): External USB memory
  - Moving Image (.AVI)
  - Probes: Linear Probe: 11,05,25,3,6 MHz: 45cm H: 1.4 L: 1.4
  - Convex Probe: 9.0, 5.0, 3.5 MHz: 55 cm H: 1.2 L: 1.2
  - Convex Probe: 5.0, 3.5 MHz: 55 cm H: 1.2 L: 1.2
  - Convex Probe: 2.5, 1.0 MHz: 100 cm H: 2.2 L: 2.2
- Accessories: Shoulder Belt, AC Adapter, Power Cord, Battery Charger, Battery Pack, Ultrasound Gel

**Contact**

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http://www.honda-el.com

Registered company for ISO20001/ISO13485/ISO14001

**Diagnostic Scanner**

**HS-1600**

Convex/Linear Ultrasonic System

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.

**8.4 inch**

For human practice

Advanced technology and excellent image

Quality embodied in stylish unit

MADE IN JAPAN

2016/02/01
DIAGNOSTIC SCANNER
HS-1600

Ultrasonic Diagnostic Scanner

- Easy to carry light compact body of approximately 3kg
- Compact body, easy to carry
- Highest image quality by H-res technology
- Both battery and AC power usable
- High performance LCD usable in outdoors
- Easy key operation
- Variety of measurement functions
- Easy operation of image storage
- Convenient shoulder belt

Excellent ultrasound images
Mobile body with highest image quality of ultrasound diagnostic that representing scanning region in detail.

Clear + Contrast
Harmonic Imaging
Harmonic imaging technology eliminates the side lobe artifact and brings the clear and identical image of organs with good contrast.

Our original image enhancement technology
H-res (Our Resolution Technology)
Advanced image enhancement technology, 'H-res', brings perfect solution for visibility. Detail 1 realizes good resolution in deeper organs, Detail 2 visualizes delicate tissue structure in shallower region, Detail 3 visualizes bones for observation. You can also turn it OFF to have direct ultrasound image.

Mobile body without compromise
Image quality enables proper diagnosis
Mobility & High Quality

Compact body, easy to carry
Easy to carry light compact body of approximately 3kg and reduce user’s physical strain during scanning in house call and outdoors.

Usable in any places
High luminance liquid crystal display with glass bonding treatment enhances visibility, diagnosis images are clearly projected even under the direct sunlight. Liquid crystal display gets no fogged even when temperatures and humidity varies rapidly.

Both battery and AC power usable
Integrated high performance lithium ion battery in the body realizes 3 hours use in the place without power supply. Equipped report function of battery lasting time makes battery sign lights to inform when lasting time becomes short.

Wide range of 170°viewing angle
Wide viewing angle liquid crystal display has 170°angle in horizontal and vertical. It made free angle diagnosis possible in limited operating environments.

Variety Probe

Broadening diagnosis applications by clear ultrasound images
Wide range of probe selection

Convex
Linear
Micro-convex
Transvaginal

HCS-736M
5.0/3.5/2.8MHz
HCS-8712M
9.0/7.5/5.0MHz
HCS-7710MV
9.0/7.5/5.0MHz

HLS-884M
11.0/9.5/6.0MHz
HCS-8712M
9.0/7.5/5.0MHz
HLS-882MT
11.0/6.5/6.0MHz

NEW

This probe is not for sale in European Union.
Mobility & High Functionality

Preset register
Favorite presetting can be registered simply and recalled easily.

Measurement functions
Scanning images and measurement result can be stored under the database with easy operation.

Body mark
Variety of body marks are prepared to support various diagnostic scans.

USB
Movie file and still image can be stored to the USB memory and accessed in personal computers. Approx. 100 images are stored in the system memory.

Clear and finest ultrasound image and wide view angle
Introducing glass bonding liquid crystal display, LCD and cover glass are bonded by a special technique and no air layer in between; it leads high visibility and prevents condensation.

Simple operation
Minimum number of operation buttons or keys made interface simpler, easily operated.

Shouldeer belt
Easy to use
Both hands are freely usable when the system is held by shoulder belt. Reduce physical strain during long time operation.

Variety of setting menu
Variety of measurement functions –distance, area and volume- are employed focusing on obstetrics measurement. It has ultrasound scanning mode, B, B/M, M, B3D.

Simple operation of image storage
Diagnostic images are easily stored in system memory and USB memory. Saved images in USB memory are accessible by personal computer. Saved images can be administrated in hospitals as diagnostic record.

Main applications
- Obstetrical diagnosis
- Abdominal diagnosis
- Thyroid, Accessory thyroid, Carotid, and Cervical vein diagnosis
- Musculoskeletal diagnosis
- Diagnosis by house visit
- Brief measurement in the emergency vehicle

Made in Japan
This product is assembled in Japan. We produce even the ultrasound sensor ceramic in its own factory.