

Honda HS-1500 Portable Ultrasound Scanner

Manufacturer: Honda Electronics
Model: HS-1500 Ultrasound System



Summary:

The Honda HS-1500 portable ultrasound scanner weighs just 6Kg (inc. battery). It is a truly compact yet attractive system featuring outstanding technology that will enable the user to fulfil the present and future requirements for diagnosis within the ultrasound field. A powerful portable system able to run a range of Linear, Convex and Microconvex probes. Excellent Image quality coupled with Image storage, comprehensive software and multi-frequency probes make this a very popular system.

SPECIFICATIONS

Scanning Method

- Linear / Convex / Microconvex electronic scan

Display Mode

- B mode (single)
- B/B mode (double)
- B/M mode (4 step sweep speed selection on M mode)

LCD

- 8.4 inch display

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
encoders (1dB step)
- STC
4 step sliding volume on adjusted
depth levels

Image Processing

- Frame correlation
On (2-step) / off selection
- Line correlation
On (2-step) / off selection
- Grey curve selection

Image Display

- Image direction
Reverse (Left/Right), Up/Down
- Shift
1cm step (max. depth 18cm)
- Cine Memory: 41 frames

Image Store

- Flash memory (60 images)

Image Functions

- Hospital name (40 char.)
- Patient name & ID No. (26 char. / 1000 patients)
- Age
- Date and Time
- Probe type
- Image direction
- Range

Measurement Function

- Distance
- Circumference, Area
- Volume
- Angle
- Gestational weeks calculation
- Histogram
- LV calculation
- User programmable tables

Interface

- Video output
- RS-232 port

Dimensions

- Approx. 296(W) x 182(D) x 348(H)

Weight

- Approx. 6kg

Power Source

- 100V-240V AC 50/60Hz

Probes

- HCS-336M 2.8/3.5/5.0MHz 60R Convex Probe
- HCS-352M 3.0/5.0/7.0MHz 20R Microconvex Probe
- HCS-3710MV 5.0/7.5/9.0MHz 10R Microconvex Transvaginal Probe
- HCS-3710M 5.0/7.5/9.0MHz 10R Microconvex Probe
- HLS-338M 2.8/3.5/5.0MHz 80mm Linear Probe
- HLS-375M 5.0/7.5/10MHz 50mm Linear Probe
- HLS-313 10MHz 30mm Linear Probe
- HLS-375MR 5.0/7.5/10MHz 50mm Transrectal Probe

Options

- 12VDC battery (1hr. operation, 1hr. re-charge)
- Video printer
- Image utility software to allow the transfer of stored JPEG images
- Foot switch
- Biopsy guides
- Trolley
- External monitor
- Padded carry bag
- Stand-offs

**The specification is subject to change without notice*